

Considered: _____

WATER PERMIT NO. 4300-3B

MAP No. same

Name of Applicant South Lincoln RWS

Post Office Address Box 155 Canton S.D.

Amount of Water Claimed _____ Total Acres _____

Source of Water Supply Groundwater

Water to be used for RWS County Lincoln

About 4 miles S of Worthing

PROOF OF PUBLICATION: Received 12/19/85 12/6/85 12/19/85 12/16/85 Not Received _____

APPLICATION: Approved May 14, 1986 Subject to _____

F.F. & C.L. Adopted _____ Not Approved _____ Deferred _____

PRIORITY Date Received 9-26-85 Fee \$50.00 Remarks application in

9-26-85 To amend no. 4300-3 & 4300-3A To remove annual use restriction.

Corrected Application Received _____ Period of Annual Use Jan. 1 to Dec. 31

WATER QUALITY APPROVAL RECEIVED N.A. APPROVED/CONDITIONAL (Circle one)

WI-1 Description same as Application YES NO REMARKS _____

Diversion Point see 4300-3 and 4300-3A

Land to be Irrigated _____

Well Log: Driller N.A.

Licensed YES NO

Depth of Well _____ REMARKS _____

Type of Map N.A. PREPARED BY _____

Reviewed and the Number

assigned on 9-26-85

By

R.C. Larson

Mail to: Water Rights Div.
DWNR, Foss Bldg.
Pierre, SD 57501
(605) 773-3352

No. 4300-3B Hydrologic Unit 10170102
Map No. SAME Basin Vermillion River
Newspaper Sioux Valley News Box 255, Canton (Thurs)

Argus Leader, Leader Courier, New Era

Application For Permit To Appropriate Water Within The State Of South Dakota

Check use of water: Industrial ☐ Commercial ☐ Municipal ☐ Other Common Distribution System ☐
Rural Water System ☒ Suburban Housing ☐ Geothermal Heat ☐ Institutional ☐ Recreational ☐
Domestic ☐ (above 18gpm) Other ☐

Type of Application: Check one or more of the following

New ☐ Vested Right ☐ Future Use ☐ Change Use ☐

☒ Amend Permit No. 4300-3A with old priority date retained

Change diversion point(s) ☐ Add diversion point(s) ☐ Other ☐

☐ Application to: Change diversion point(s) ☐ Add diversion point(s) ☐ on Permit No. _____

☐ Construction to use water reserved by Future Use Permit No. _____

1. Name of Applicant South Lincoln Rural Water System, Inc. Phone No. 605-372-4211

Post Office Address P.O. Box 155, Canton State SD 57013
(Street, RR or Box) Zip Code

2. Amount of water claimed (c.f.s.) 2 cfs.

3. Source of water supply Dakota Sandstone

4. Location of point of diversion see existing permits 4300-3 and 4300-3A

5. Counties where water will be used Lincoln, Turner, and Union
County Lincoln, Turner, Minnehaha, Union

6. Annual period during which water is to be used 12 months/year January 1 - December 31

7. Give a brief description of proposed project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

The application is to amend Permit No. 4300-3 and 4300-3A to delete qualification number 1 i.e. "That the System be limited to an annual withdrawal of 455 acre-feet and that the total withdrawal be subject to review by the Board;"

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map (see instruction)

STATE OF SOUTH DAKOTA
County of Lincoln

I, John Sievers on behalf of South Lincoln Rural Water the applicant, certify that I have read the foregoing application, have examined the attachments and that the matters therein stated are true and that I intend, and am able to complete the necessary construction.

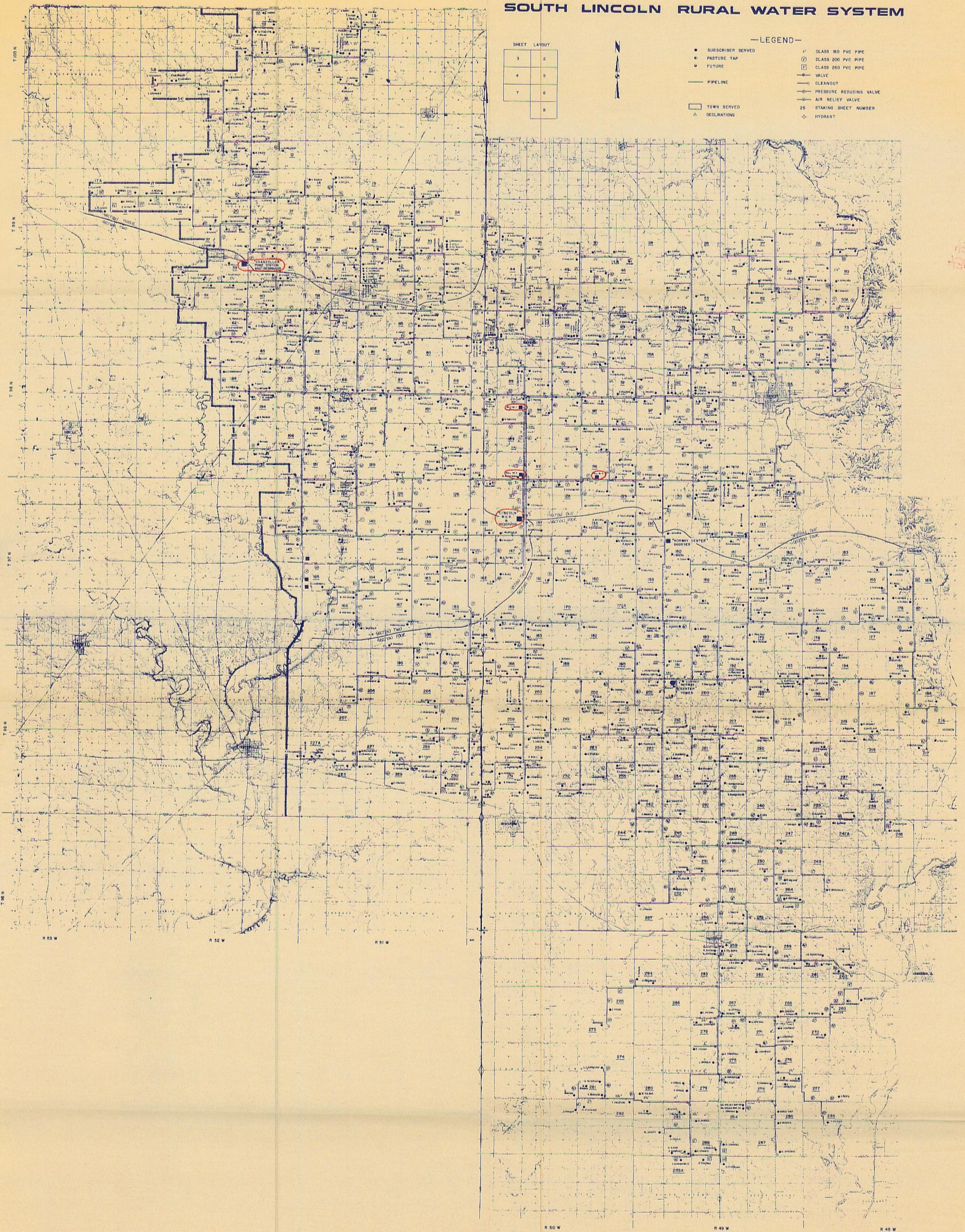
Signed _____

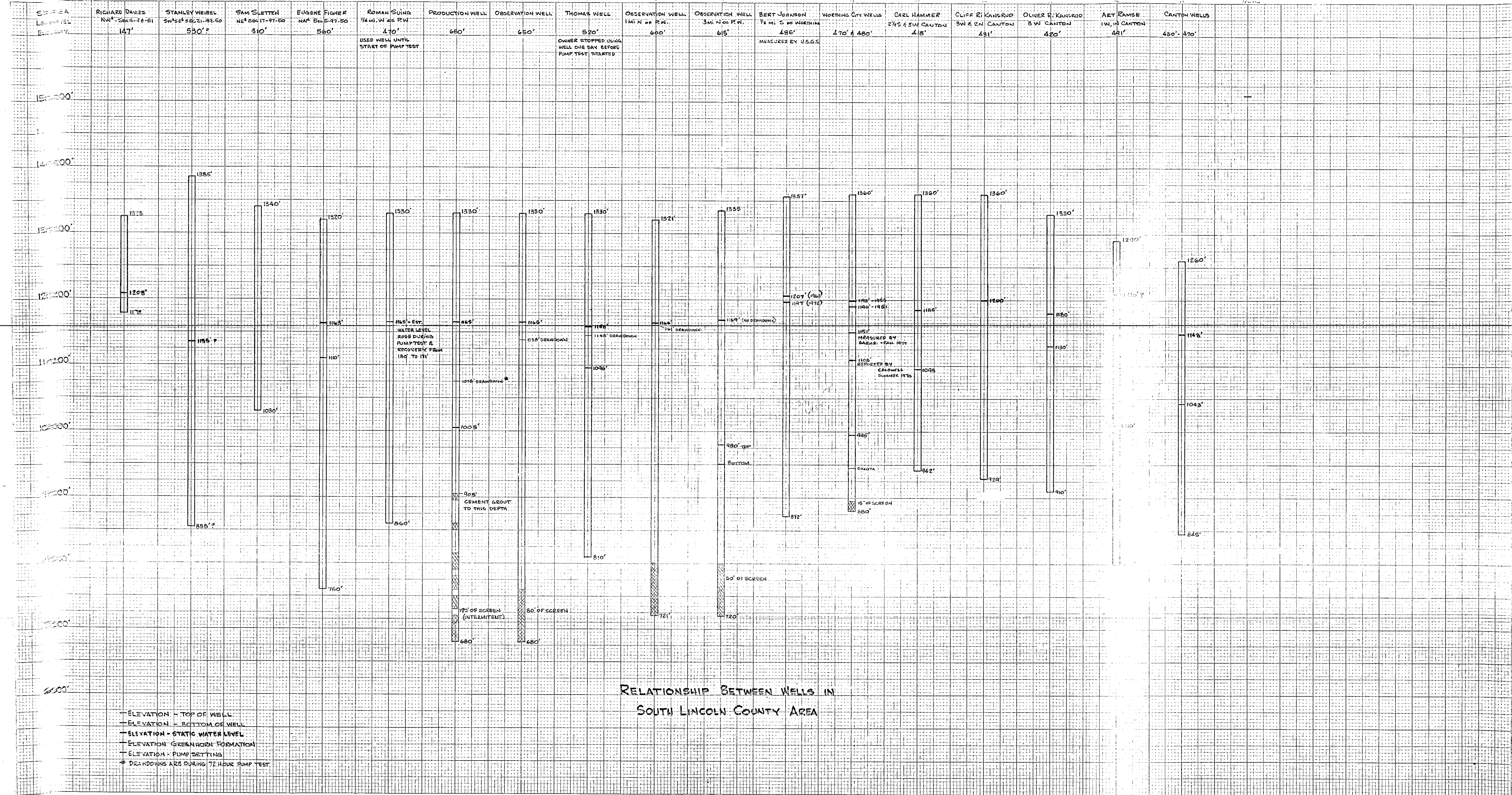
Subscribed and sworn to before me this 25th day of September 1985

Lawrence J. Renner
Notary Public (or other qualified officer)

SHEET	LAYOUT
3	2
4	5
7	6
	8

●	SUBSCRIBER SERVED	1"	CLASS 5 160 PVC PIPE
●	PASTURE TAP	2"	CLASS 200 PVC PIPE
●	FUTURE	3"	CLASS 250 PVC PIPE
—	PIPELINE	⊕	VALVE
		⊖	CLEANOUT
		⊗	PRESSURE REDUCING VALVE
		⊙	AIR RELIEF VALVE
▭	TOWN SERVED	25	STAKING SHEET NUMBER
Δ	DECLINATIONS	⊕	HYDRANT





WATER PERMIT

The Water Management Board hereby approves Water Permit Application No. 4300-3B

South Lincoln Rural Water System, Inc. Box 155 Canton
(Applicant) (Post Office Address)

SD
(State)

57013
(Zip Code)

With the following qualifications.

1. That the South Lincoln Rural Water System report to the chief engineer annually the amount of water withdrawn each year.
2. That the rural water system wells approved under this permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The rural water system, under this permit, shall control its withdrawals so there is not a reduction in needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

Date of first receipt of application September 26, 1985.

Date of return to applicant for correction, amendments or changes required _____, 19____.

Date of receipt of corrected application _____, 19____. Approved May 14, 1986.

The Water Management Board hereby approves this Water Permit No. 4300-3B authorizing the construction of the water use system and the placing of water to beneficial use as stated in the Application and as qualified in the Water Permit approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is September 26, 1985.
2. The equivalent of at least one-fifth of the specified work is to be completed on or before October 14, 1988.
3. The whole of said work is to be completed on or before May 14, 1991.
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is May 14, 1995.
5. The water appropriated shall be used for the purpose of supplying a rural water system.
6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be unlawfully impaired by this appropriation.
7. The amount of the appropriation herein granted shall not exceed 1.44 * cubic feet per second; neither shall it exceed the capacity of the above described water supply system nor shall it exceed the amount of water needed for beneficial uses served and to which water is actually and beneficially applied for a rural water system on or before May 14, 1995; said water to be used during the following described annual period: Jan 1 - Dec 31

* Maximum annual withdrawal is 1048 acre-feet.
The annual amount authorized by Permit Nos. 4300-3 and 4300-3A is 455 acre-feet and Permit No. 4300-3B authorizes 593 acre-feet.

WATER MANAGEMENT BOARD

By: John H. Hahn Chief Engineer
Division of Water Rights
Dept. of Water and Natural Resources

JUN 8 1986

19

STATE OF SOUTH DAKOTA
WATER MANAGEMENT BOARD

IN THE MATTER OF THE APPLICATION	)	FINDINGS OF FACT,
FOR WATER RIGHT NO. 4300-3B AND	)	CONCLUSIONS OF LAW
AMENDMENT OF 4300-3 AND 4300-3A	)	AND FINAL DECISION

FINDINGS OF FACT

1. On February 3, 1979, the South Lincoln Rural Water System (SLRWS) was granted Water Permit No. 4300-3. The permit was for 2 c.f.s. of groundwater from three wells for a rural water system.

2. The permit was granted subject to several conditions as follows:

- "I. The annual withdrawal [is] limited to 455 acre feet and . . . the total withdrawal is subject to review and adjustment by the Water Rights Commission.
- II. Before any water is used, all proposed wells must be installed at least 2-1/2 miles apart, with all three wells ready for pumping prior to any use of water.
- III. The system install one observation well into the upper layer of the Dakota Formation about 200 feet from each production well to be used for monitoring drawdown near the production well.
- IV. The rural water system wells approved under this permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The rural water

system under this permit shall control its withdrawals, to protect needed water supplies in adequate domestic wells or in wells having prior water rights.

Withdrawals will be restricted, if the aquifer head pressure declines 20 feet at designated measuring points during a four year period, beginning with the date the first water is pumped into distribution system. The head pressure decline to be determined by using an average of three of the seven proposed observation wells located at least 2 miles from one or more production wells. The lowest measurements, to be based upon an average of each observation well measurements taken over a three month period, will be used in determining head pressure decline.

- V. If the aquifer head pressure does decline more than 20 feet in the four year period, or if observation well measurement data indicates the 20 foot head pressure decline level would be reached in the four year period, the rural water system upon order of the Commission will have to change to a new source of water.
- VI. No wells shall be located within 1,300 feet of existing Dakota Formation wells unless waived by the well owner.

VII. The Davis area well field shall be developed and placed on line prior to pumping from any Dakota Formation wells."

3. The grant of the permit was sustained in both the Circuit Court and the South Dakota Supreme Court.

4. SLRWS subsequently applied for an amended permit. This was known as Water Permit No. 4300-3A. The application requested relief from conditions II and VII of Water Permit No. 4300-3 and asked for a change in the point of diversion of well no. 3. The Board on November 20, 1980, approved the application by granting relief from Condition II "subject to the limitation that there be an annual withdrawal restriction of 304 acre feet until the third well is put on line." The Board likewise granted relief as to Condition VII by "deleting the words 'placed on line prior to any pumping from the Dakota well' and substituting the words 'therein be fully operational by November 1, 1981.'" The Board deferred action on the change in location of well no. 3.

5. Water Permit No. 4300-3A therefore constituted a modification of Permit No. 4300-3. The Board's decision declared that a new set of qualifications "superceded the previous qualifications" as follows:

1. That the System be limited to an annual withdrawal of 455 acre-feet and that the total withdrawal be subject to review by the Board;
2. The System can be pumped with the two wells already completed, if annual withdrawal

restrictions are limited to 304 acre feet until the 3rd well is developed and put on line (approved September 25, 1980 - Findings of Fact, Conclusions of Law approved November 20, 1980); spacing between wells must be at least 2-1/2 miles;

3. That the rural water system wells approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The rural water system under this Permit shall control its withdrawals, to protect needed water supplies in adequate domestic wells or in wells having prior water rights;

Withdrawals will be restricted, if the aquifer head pressure declines 20 feet at designated measuring points during a four year period, beginning with the date the first water is pumped into distribution system. The head pressure decline to be determined by using an average of three of the seven proposed observation wells located at least two miles from one or more production wells. The lowest measurements, to be based upon an average of each observation well measurements taken over a three month period, will be used in determining head pressure decline;

4. If the aquifer head pressure does decline more than 20 feet in the four year period, or if observation well measurement data indicates the 20 foot head pressure decline level would be reached in the four year period, the rural water system upon order of the Board will have to change to a new source of water;
5. That no wells be located within 1,300 feet of existing Dakota Formation wells unless waived by the well owner;
6. That the Davis area well field be developed and therein be fully operational by November 1, 1981.

Priority for this Permit No. 4300-3A is established under Water Permit No. 4300-3.

6. SLRWS on January 26, 1981, again requested relief from the Davis Well Field qualification (Condition No. VII in Water Permit No. 4300-3 and Condition No. 6 in Water Permit No. 4300-3A); SLRWS also requested relief from the qualification regarding observation wells (Condition No. III of Water Permit No. 4300-3). The Board denied relief from the Davis Well Field qualification. (The Board, however, purported to grant relief from the requirement for certain observation wells contained in Condition No. III to Water Permit No. 4300-3. The conditions attached to Water Permit No. 4300-3A, however, by their own terms, superseded any conditions on 4300-3; the conditions on 4300-3A did not

include reference to the need for observation wells. Thus the effect of the Board's decision was simply to affirm what it had already accomplished by granting Permit No. 4300-3A with the new conditions.) The Board's decision as to the Davis Well Field was appealed to the Circuit Court which affirmed the Board action by Memorandum Decision dated June 19, 1981.

7. On September 26, 1985, SLRWS applied for a second amended permit known as Water Permit No. 4300-3B. This is the application now before the Board. The application requests the deletion of Condition No. I on 4300-3 and Condition No. 1 to 4300-3A; these Conditions set out the 455 acre feet limitation on the quantity of water which might be used. As noted, the approval of 4300-3A superceded any conditions on 4300-3. Thus, only the conditions on 4300-3A need be directly examined here although this decision applies to both 4300-3 and 4300-3A.

8. In determining whether to grant relief from Condition No. 1, it is necessary to review the other Conditions placed on 4300-3A. As to these other Conditions the Board finds the following findings.

- a. Condition No. 2. The three South Lincoln Rural Water System wells have been built and this Condition is now unnecessary.
- b. As to Condition No. 3, the first paragraph should be retained. The second paragraph, however, identifies a four year period of effectiveness and that time period has run. Therefore the second paragraph should be deleted.

- c. Condition No. 4 likewise was effective for a four year period which has run. This Condition should be deleted.
- d. Condition No. 5 is now unnecessary because the SLRWS wells have all been installed and none of these wells are within 1300 feet of any existing Dakota Formation well, or waivers have been obtained from owners of Dakota formation wells within 1300 feet of the SLRWS wells.
- e. Condition No. 6 is unnecessary because the Davis Well Field has been fully developed and was fully operational by November 1, 1981.

9. The issue before the Board is whether to delete the 455 acre feet per year limitation on the quantity of water which might be used by SLRWS through its now existing water system. The capacity of the pumps installed by SLRWS is 650 gallons per minute; in particular, wells no. 1 and 2 have the capacity to pump 300 gallons per minute each and well no. 3 has the capacity to pump 50 gallons per minute. If all three wells were pumped at full capacity the rate of use would amount to 1.44 c.f.s. or 1048 acre feet per year.

10. Although the rate of recharge of the Dakota Formation is not known, the Dakota Formation wells located west of the SLRWS well field show rising levels despite pumping by the system due to recharge from glacial aquifers from the west. Furthermore, water levels of wells both within and without the two mile area surrounding the well fields appear to be stabilizing.

11. Observation wells in the Canton area show fluctuations due not to pumping by SLRWS but due to pumping by the City of Canton.

12. The formation from which the water will be taken, the Dakota formation, is lower than the Greenhorn formation.

13. The aquifer in which the pumping will occur contains over 4 million acre feet of recoverable water in Lincoln county alone.

14. There is sufficient water available to supply the request of this applicant.

15. The Board is required, as part of its public interest analysis, to consider effects on head pressure in existing domestic wells. If the permit at issue is granted and if the maximum amount of water is used under the permit, it is likely that there will be decreases in head pressure of a few feet for some domestic wells in the area.

16. The benefits to the public of the availability of additional water through South Lincoln Rural Water System far outweigh the benefits to the public from maintaining head pressure against a few feet of decline in a limited number of domestic wells.

17. The Board will consider, on proper notice, effects on the quality of water of a particular proposed withdrawal. Such analysis proceeds under the public interest umbrella.

18. The evidence indicates that water quality in the three wells used by SLRWS has remained fairly uniform despite pumping from 1981 through 1985. The indicators which have remained fairly constant include nitrates, fluoride,

chloride, manganese, calcium, magnesium, bicarbonates, potassium, sulfate, total dissolved solids, and others.

19. The inconsistency in iron levels when compared to the uniform level of other minerals and contaminants is rationally interpreted to mean that the water sample was not preserved in such a way as to provide a reliable test of iron content. The scientific analysis of iron content is drastically affected when preservation procedures are not properly followed.

20. The iron level in the aquifer is high both within and without the area in which SLRWS wells are being pumped.

21. The water now being pumped by SLRWS is, except for the iron content, very good quality water.

22. The pumping by SLRWS has not appreciably affected the quality of water available to other users of water in the Dakota Formation. The water quality in the area surrounding the area in which SLRWS is pumping is poorer than that in which the pumping is done. The area in which SLRWS is now pumping is a relatively limited area which may contain a limited amount of higher quality water.

23. The quality of water in the area of the SLRWS pumping will decline at some future time which is unknown.

24. The Board is required to determine the public interest with regard to water quality in this case by weighing the benefits from immediate use of the water by the rural water system against the benefit to the public from preserving the water in the ground against a speculative or unknown use in the future. The Board determines that the public interest in current use of the water in the formation is stronger

than such interest in preserving it for an indefinite use in the indefinite future in the ground.

25. Water loss by the SLRWS has declined from prior years to about ten percent in 1985. Other water systems in the area sustain loss from ten percent to twenty-seven percent. Given the amount of water which must be used in maintaining the system, including flushing hydrants, main breaks and leakages, the ten percent loss of SLRWS is well within the range of acceptability. The loss sustained by SLRWS does not constitute a legal waste of water so as to argue against this application by the SLRWS.

26. SLRWS is a growing system which has gained users each year in operation.

27. SLRWS supplies water which is better in quality than the water now available to new potential users.

28. SLRWS can be expected to grow substantially in the number of users within the foreseeable future.

29. The rate of water use of current and prospective customers of SLRWS can be expected to increase, through time, to the level of 14,000 to 15,000 gallons per tap per month.

30. It is reasonably probable that SLRWS will be able to use the amount of water requested, that is, 1048 acre feet per year, within the time permitted by statute for development and use of the water.

CONCLUSIONS OF LAW

1. The Board has jurisdiction over this matter.
2. All notices required by the Constitution and statute have been properly given.

3. Application No. 4300-3B is for a new water right. The new water right encompasses any water which might be used by the South Lincoln Rural Water System in excess of the 455 acre feet per year it is now entitled to under Water Permit No. 4300-3A. Water Permit No. 4300-3B carries a new priority date of September 26, 1985.

4. In order to maximize the beneficial use of the water within the State of South Dakota a permit to appropriate water should be issued if there is a reasonable probability that there is unappropriated water available for the applicant's proposed use, that the proposed diversion can be developed without unlawful impairment of existing rights and that the proposed use is a beneficial use and in the public interest.

5. There is unappropriated water available for the applicant's proposed use.

6. The draw downs which will be caused in existing Dakota formation wells by SLRWS pumping are minimal and will not constitute unlawful impairment of existing rights.

7. The use of water by the SLRWS is a beneficial use of water.

8. After considering and weighing all factors, including those relating to water quantity and water quality, the Board determines that the grant of the permit is in the public interest.

9. It must also be demonstrated that the applicant will, as a matter of reasonable probability, be able to use the water requested within the time provided by statute to

put the water to such use. This qualification has been met in this case.

10. Because the Dakota formation is lower than the Greenhorn formation and because SLRWS is a nonprofit water supply company, it is unnecessary for the Board to make a determination regarding the rate of annual recharge as might otherwise be required by SDCL 46-6-3.1.

11. The conditions now applicable to 4300-3 and 4300-3A should be consistent with those to be applicable to 4300-3B. This is so because water permit 4300-3B will come into play only after the water available under permits 4300-3 and 4300-3A is exhausted.

12. The following conditions are necessary and sufficient conditions to 4300-3, 4300-3A and 4300-3B to protect the public interest.

1. That the South Lincoln Rural Water System report to the chief engineer annually the amount of water withdrawn each year.
2. That the rural water system wells approved under this permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The rural water system, under this permit, shall control its withdrawals so there is not a reduction in needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

13. The conditions now applicable to 4300-3 and 4300-3A are unnecessary except as reflected in Conclusion of Law No. 12 and can be deleted.

FINAL DECISION

The application for Water Permit No. 4300-3B is granted. The maximum flow rate under this permit is 1.44 c.f.s. The maximum annual use is 593 acre feet, that being the difference between the water now permitted under 4300-3 and 4300-3A (455 acre feet) and 1048 acre feet.

The Conditions applicable to 4300-3, 4300-3A and 4300-3B are as follows:

1. That the South Lincoln Rural Water System report to the chief engineer annually the amount of water withdrawn each year.
2. That the rural water system wells approved under this permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The rural water system, under this permit, shall control its withdrawals so there is not a reduction in needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

BY THE BOARD:

Marian B. Sanderson

RECOMMENDATION OF CHIEF ENGINEER FOR WATER

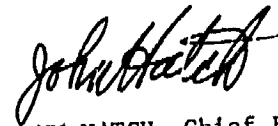
PERMIT APPLICATION NO. 4300-3B, South Lincoln Rural Water System

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Water and Natural Resources concerning Water Permit Application No. 4300-3B, South Lincoln Rural Water System, PO Box 155, Canton SD.

The Chief Engineer is recommending APPROVAL of Application No. 4300-3B because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) in the public interest with the following qualifications:

1. That the South Lincoln Rural Water System report to the Chief Engineer annually the amount of water withdrawn each year.
2. That the rural water system wells approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The rural water system, under this Permit shall control its withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

See the attached report for additional information.



JOHN HATCH, Chief Engineer
October 18, 1985

Report on Application No. 4300-3B
South Lincoln Rural Water System (SLRWS)
October 16, 1985

This application proposes to amend Water Permit Numbers 4300-3 and 4300-3A. The purpose of this amendment is to remove the qualification limiting the annual withdrawals by SLRWS to 455 acre-feet per year. In addition, the four (4) year time limit set by the Water Management Board for review of permits 4300-3 and 4300-3A will end December 5, 1985 and this report will also address those remaining qualifications.

Aquifer - Dakota Formation

Geology and Aquifer Characteristics

In the area of the SLRWS the Dakota Formation consists of interbedded sand, sandstone, clay and sandy clay. A more uniform layer of sand, as much as 100 feet thick, is sometimes found at the base of the formation (Illies, 1984). The Dakota Formation has been described as deposited in a fluvial environment which would account for the horizontal and vertical lithologic variabilities that are typical in this area. The SDGS has estimated there is 4.5 million acre-feet of recoverable water in storage in Lincoln County (Hedges, 1982) and the Dakota Formation is under artesian conditions and the Division of Water Rights monitors 37 Dakota observation wells. One observation well LN-79H is equipped with a continuous water level recorder. Water levels do fluctuate due to SLRWS withdrawals and have apparently stabilized relative to the demand the three (3) existing SLRWS production wells have placed upon the aquifer (see hydrographs) under present conditions.

REVIEW OF EXISTING WATER PERMITS

The following are all existing Dakota Formation permits in Lincoln County.

841-3	Beresford	0.69 CFS	Municipal	Dakota	2 Wells	717', 735'
*1262-3	Canton	4.02 CFS	Municipal	Dakota	4 wells	440'±, 1.45 CFS V/R 2.57 Future Use
1695-3	Worthing	0.10 CFS	Municipal	Dakota	2 Wells	469', 482'
4118-3	O. Thomas	0.10 CFS	Commercial	Dakota	1 Well	520'
4300-3	SLRWS	2.00 CFS	RWS	Dakota	3 Wells	650', 515', 620'
4300-3A	"	"	"	"	"	"
*4312-3	Canton	0.43 CFS	Municipal	Dakota	2 Wells	475', 475'
4401-3	Worthing	0.23 CFS	Municipal	Dakota	1 Well	480'
4672-3	C. Elcock	0.05 CFS	Commercial	Dakota	3 Wells	455', 457', 460'
4817-3	SLRWS	2.00 CFS	RWS	Dakota		Future Use
4982-3	Fairview	0.11 CFS	Municipal	Dakota	1 Well	258'

* Canton's permit 4312-3 is from the Future Use established under Permit No. 1262-3, also, well #7 under Permit No. 1262-3 is not from the Dakota but from glacial outwash. This was included in the Vested Right (V/R) total under Permit No. 1262-3.

The City of Beresford does not currently use the Dakota wells for drinking water leaving, Canton, Worthing and the SLRWS as the major water users. The Dakota is used extensively as a domestic water source in this area.

REVIEW OF PERMIT QUALIFICATIONS ON SLRWS

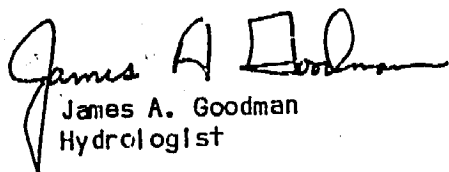
The following review is referenced to the qualifications placed upon Permit No. 4300-3A and is entitled Attachment #2. This attachment contains six (6) specific qualifications (see Attachment #2).

- Qualification 1. This qualification has been complied with by SLRWS (see pumping records). This item is also the subject of Application No. 4300-3B which requests the 455 acre-feet limitation on No. 4300-3 and 4300-3A be removed. SLRWS presently has developed 3 wells capable of diverting 650 gpm. The calculated average diversion rate using the 455 acre-feet limitation is about 282 gpm. The SLRWS has filed a feasibility report which projects water use in excess of the 455 acre-feet limitation (Dewild, Grant, Rechert & Assoc., 1985).
- Qualification 2. This qualification has been complied with by SLRWS.
- Qualification 3. The first paragraph of this qualification is the standard well interference clause placed on all permits and this should be retained. The second paragraph of this qualification refers to drawdowns in observation wells which the Division of Water Rights is monitoring. The measured water levels are well within the criteria established by this paragraph (see Drawdown Map).
- Qualification 4. This qualification has been complied with by SLRWS. Water level declines do not exceed this criteria.
- Qualification 5. This qualification has been complied with by SLRWS.
- Qualification 6. This qualification has been complied with by SLRWS.

CONCLUSIONS

1. Water is available from the Dakota Formation.
2. Interference should not be a problem. Existing SLRWS wells have been spaced 2 1/2 miles apart. Additional withdrawals by SLRWS will increase drawdowns especially near the production wells. The increase in drawdowns should be no more than a few feet of additional decline.
3. Dakota Formation wells to the west of the SLRWS well field show rising water levels the past few years due to recharge caused by water coming from glacial aquifers to the west. In fact, water levels in these wells are higher now than the pre-pumping water levels (Water Rights Division, 1985). Even though drawdowns were created in this area by SLRWS pumping, the recharge masked those drawdowns plus causing additional rising of water levels.

4. Water levels in the area of the production wells appear to be stabilizing under the present pumping. Water levels in observation wells located outside the 2 miles radius are also showing signs of stabilizing.
5. Water levels for observation wells LH-77E and LH-79B as reported by SLRWS which are next to production wells #2 and #1 respectively, are also fairly constant which reinforces the stabilization concept.
6. The SLRWS is capable of diverting 650 GPM (1.44 CFS) under maximum conditions. This would be approximately 1048 acre-feet per year.
7. The SLRWS has complied with all the permit qualifications under Permit Nos. 4300-3 and 4300-3A.
8. Observation wells in the Canton area appear to show fluctuations due to withdrawals made by Canton.
9. Drawdown occurs in observation wells constructed in the top of the Dakota and the base of the Dakota, however, drawdowns are not equal indicating vertical leakage is variable. This is expected from the geologic data available.
10. Drawdowns around the production wells may be greater than the contour interval shown on the map. The map represents drawdowns from pre-pumping conditions to the present conditions. Maximum drawdowns in the vicinity of production well #3 are over 70 feet, near #2 are over 27 feet and near #1 are over 30 feet. These are measured drawdowns in observation wells within 100 feet of the production wells. The drawdown map is representative of the accumulative effect SLRWS has had upon the Dakota aquifer since pumping began.
11. Water use by 1085 rural users and the town of Chancellor during 1985 is expected to be about 400 acre-feet. In the future it is estimated that water use will gradually increase until 704 acre feet are used annually by 1400 rural users and Chancellor.


James A. Goodman
Hydrologist

BIBLIOGRAPHY

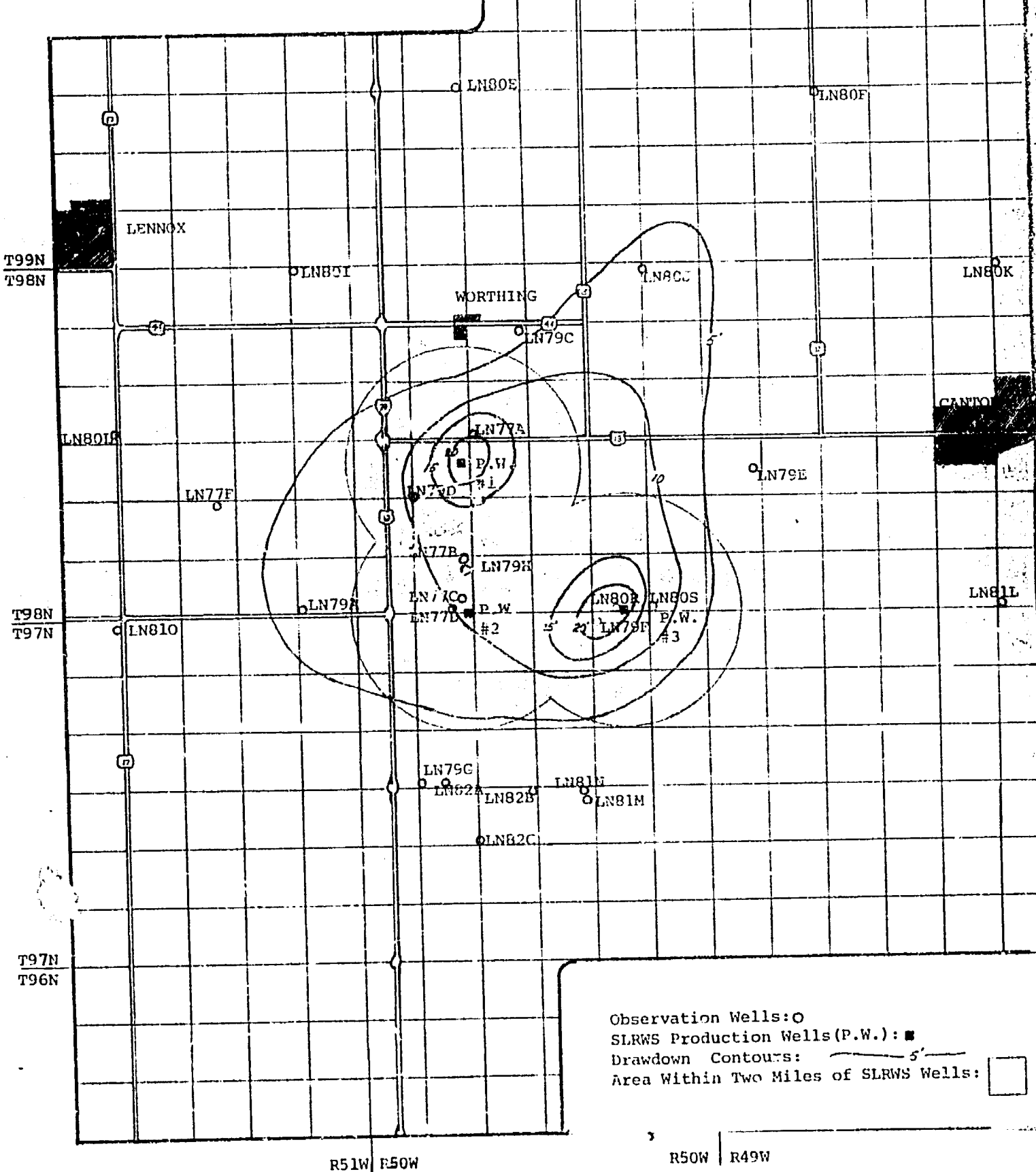
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HARRISBURG



ATTACHMENT #2

ATTACHMENT ON WATER PERMIT NO. 4300-3A
SOUTH LINCOLN RURAL WATER SYSTEM

The following supercedes the previous qualifications:

1. That the System be limited to an annual withdrawal of 455 acre-feet and that the total withdrawal be subject to review by the Board;
2. The System can be pumped with the two wells already completed, if annual withdrawal restrictions are limited to 304 acre feet until the 3rd well is developed and put on line (approved September 25, 1980 - Findings of Fact, Conclusions of Law approved November 20, 1980); spacing between wells must be at least 2½ miles;
3. That the rural water system wells approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The rural water system under this Permit shall control its withdrawals, to protect needed water supplies in adequate domestic wells or in wells having prior water rights;

Withdrawals will be restricted, if the aquifer head pressure declines 20 feet at designated measuring points during a four year period, beginning with the date the first water is pumped into distribution system. The head pressure decline to be determined by using an average of three of the seven proposed observation wells located at least two miles from one or more production wells. The lowest measurements, to be based upon an average of each observation well measurements taken over a three month period, will be used in determining head pressure decline;

4. If the aquifer head pressure does decline more than 20 feet in the four year period, or if observation well measurement data indicates the 20 foot head pressure decline level would be reached in the four year period, the rural water system upon order of the Board will have to change to a new source of water;
5. That no wells be located within 1,300 feet of existing Dakota Formation wells unless waived by the well owner;
6. That the Davis area well field be developed and therein be fully operational by November 1, 1981.

Priority for this Permit No. 4300-3A is established under Water Permit No. 4300-3.

* SLRWS PUMPING RECORDS

	NO.1	NO.2	NO.3	TOTAL	AC-FT
1981					
1	0	0	0	0	0
2	4306700	4511500	0	8818200	27.06367
3	14157500	3543400	0	17701300	54.50759
4	4972700	17313500	0	22306200	68.45542
TOTAL	23497500	25358700	0	48856200	150.0266
PERCENT	49.1	51.9			

	NO.1	NO.2	NO.3	TOTAL	AC-FT
1982					
1	15205300	5733900	0	20942300	73.47644
2	5561800	15355200	0	24147000	74.10464
3	13161500	13547500	0	27009200	82.68744
4	10685900	10922700	0	21608600	66.71476
TOTAL	47619500	47555300	0	95174800	296.9841
PERCENT	49.2	50.8			

	NO.1	NO.2	NO.3	TOTAL	AC-FT
1983					
1	13724700	9405500	0	23135200	70.99432
2	16489400	13215000	0	29705400	91.17301
3	13402500	13771600	0	32174500	98.74031
4	12678200	12555500	361500	26095200	80.68554
TOTAL	61295200	48954500	362500	1.1E+08	340.5930
PERCENT	55.2	44.1	0.73		

	NO.1	NO.2	NO.3	TOTAL	AC-FT
1984					
1	13462000	9748500	4474400	27715200	91.19288
2	9543900	13571800	4501500	28116500	86.23594
3	14235700	14737400	4651600	33585100	103.2856
4	11322300	13747200	3436600	28506100	87.64185
TOTAL	50598200	52229200	17714500	1.1E+08	368.3903
PERCENT	47.1	49.5	14.3		

	NO.1	NO.2	NO.3	TOTAL	AC-FT
1985					
1	11975100	12357100	4257800	26650000	87.93002
2	15123300	15370500	4561100	35054900	107.5795
3	11125200	14178500	4738500	30042200	92.21208
4	N/A	N/A	N/A	N/A	N/A
TOTAL	39227600	41955100	13587800	93770500	297.7719
PERCENT	40.8	44.7	14.5		

* GALLONS UNLESS OTHERWISE NOTED

1

OBSERVATION WELL WATER LEVELS

OBS WELL	LOCATION	DATE	FEADING
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2:40 TUESDAY, OCTOBER 8, 1985

LN-77A	098N-50W-160000	02/09/78	-167.5
LN-77A	098N-50W-160000	03/16/78	-167.4
LN-77A	098N-50W-160000	05/06/78	-167.6
LN-77A	098N-50W-160000	05/23/78	-167.3
LN-77A	098N-50W-160000	06/06/78	-167.3
LN-77A	098N-50W-160000	06/22/78	-167.7
LN-77A	098N-50W-160000	07/21/78	-168.2
LN-77A	098N-50W-160000	08/10/78	-167.5
LN-77A	098N-50W-160000	08/30/78	-167.7
LN-77A	098N-50W-160000	09/22/78	-168.8
LN-77A	098N-50W-160000	11/01/78	-167.9
LN-77A	098N-50W-160000	12/05/78	-167.7
LN-77A	098N-50W-160000	01/16/79	-167.4
LN-77A	098N-50W-160000	02/06/79	-168.0
LN-77A	098N-50W-160000	02/12/79	-167.5
LN-77A	098N-50W-160000	03/15/79	-167.8
LN-77A	098N-50W-160000	06/07/79	-168.9
LN-77A	098N-50W-160000	06/21/79	-167.0
LN-77A	098N-50W-160000	07/19/79	-167.4
LN-77A	098N-50W-160000	08/16/79	-167.6
LN-77A	098N-50W-160000	09/20/79	-167.3
LN-77A	098N-50W-160000	10/16/79	-168.9
LN-77A	098N-50W-160000	11/15/79	-169.4
LN-77A	098N-50W-160000	01/15/80	-168.5
LN-77A	098N-50W-160000	03/12/80	-168.1
LN-77A	098N-50W-160000	05/07/80	-167.7
LN-77A	098N-50W-160000	05/20/80	-168.1
LN-77A	098N-50W-160000	06/02/80	-168.0
LN-77A	098N-50W-160000	06/19/80	-168.2
LN-77A	098N-50W-160000	07/02/80	-168.4
LN-77A	098N-50W-160000	07/15/80	-168.4
LN-77A	098N-50W-160000	07/31/80	-168.6
LN-77A	098N-50W-160000	08/14/80	-168.8
LN-77A	098N-50W-160000	08/27/80	-168.7
LN-77A	098N-50W-160000	09/05/80	-168.4
LN-77A	098N-50W-160000	10/22/80	-170.1
LN-77A	098N-50W-160000	12/11/80	-169.2
LN-77A	098N-50W-160000	03/11/81	-169.5
LN-77A	098N-50W-160000	04/20/81	-169.5
LN-77A	098N-50W-160000	05/21/81	-170.5
LN-77A	098N-50W-160000	06/03/81	-170.7
LN-77A	098N-50W-160000	06/18/81	-161.5
LN-77A	098N-50W-160000	06/24/81	-176.5
LN-77A	098N-50W-160000	07/01/81	-180.7
LN-77A	098N-50W-160000	07/15/81	-180.3
LN-77A	098N-50W-160000	07/21/81	-179.8
LN-77A	098N-50W-160000	07/29/81	-176.7
LN-77A	098N-50W-160000	08/03/81	-175.8
LN-77A	098N-50W-160000	08/11/81	-175.0
LN-77A	098N-50W-160000	08/26/81	-154.6
LN-77A	098N-50W-160000	08/30/81	-180.7
LN-77A	098N-50W-160000	09/14/81	-137.7
LN-77A	098N-50W-160000	09/26/81	-193.1
LN-77A	098N-50W-160000	10/06/81	-186.2
LN-77A	098N-50W-160000	10/14/81	-193.2
LN-77A	098N-50W-160000	10/28/81	-163.9

OBS_WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READING
LN-77A	098N-50W-160000	11/10/81	-176.3
LN-77A	098N-50W-160000	11/18/81	-175.7
LN-77A	098N-50W-160000	12/02/81	-176.2
LN-77A	098N-50W-160000	12/15/81	-175.5
LN-77A	098N-50W-160000	12/25/81	-175.8
LN-77A	098N-50W-160000	01/13/82	-183.2
LN-77A	098N-50W-160000	02/01/82	-187.3
LN-77A	098N-50W-160000	02/11/82	-178.4
LN-77A	098N-50W-160000	02/25/82	-175.1
LN-77A	098N-50W-160000	03/17/82	-183.0
LN-77A	098N-50W-160000	04/06/82	-184.3
LN-77A	098N-50W-160000	04/19/82	-175.2
LN-77A	098N-50W-160000	05/03/82	-177.6
LN-77A	098N-50W-160000	05/19/82	-179.9
LN-77A	098N-50W-160000	05/31/82	-187.7
LN-77A	098N-50W-160000	06/14/82	-192.4
LN-77A	098N-50W-160000	06/28/82	-179.0
LN-77A	098N-50W-160000	07/12/82	-186.0
LN-77A	098N-50W-160000	07/26/82	-182.5
LN-77A	098N-50W-160000	08/09/82	-188.2
LN-77A	098N-50W-160000	08/22/82	-190.0
LN-77A	098N-50W-160000	09/08/82	-185.2
LN-77A	098N-50W-160000	09/24/82	-186.5
LN-77A	098N-50W-160000	10/06/82	-184.0
LN-77A	098N-50W-160000	10/22/82	-186.7
LN-77A	098N-50W-160000	11/02/82	-183.6
LN-77A	098N-50W-160000	12/02/82	-183.8
LN-77A	098N-50W-160000	12/16/82	-186.3
LN-77A	098N-50W-160000	01/18/83	-187.4
LN-77A	098N-50W-160000	02/09/83	-182.4
LN-77A	098N-50W-160000	03/01/83	-186.4
LN-77A	098N-50W-160000	03/23/83	-187.3
LN-77A	098N-50W-160000	04/19/83	-187.4
LN-77A	098N-50W-160000	05/17/83	-195.8
LN-77A	098N-50W-160000	06/13/83	-196.2
LN-77A	098N-50W-160000	07/12/83	-192.0
LN-77A	098N-50W-160000	07/29/83	-195.7
LN-77A	098N-50W-160000	08/08/83	-190.8
LN-77A	098N-50W-160000	09/13/83	-186.3
LN-77A	098N-50W-160000	10/18/83	-187.8
LN-77A	098N-50W-160000	11/15/83	-185.1
LN-77A	098N-50W-160000	12/28/83	-182.3
LN-77A	098N-50W-160000	01/20/84	-187.2
LN-77A	098N-50W-160000	02/07/84	-194.7
LN-77A	098N-50W-160000	02/27/84	-192.3
LN-77A	098N-50W-160000	04/12/84	-179.7
LN-77A	098N-50W-160000	05/09/84	-180.4
LN-77A	098N-50W-160000	06/05/84	-187.4
LN-77A	098N-50W-160000	07/02/84	-186.6
LN-77A	098N-50W-160000	07/30/84	-187.2
LN-77A	098N-50W-160000	08/28/84	-186.7
LN-77A	098N-50W-160000	10/03/84	-184.8
LN-77A	098N-50W-160000	11/06/84	-187.4
LN-77A	098N-50W-160000	12/03/84	-190.4
LN-77A	098N-50W-160000	01/03/85	-183.7
LN-77A	098N-50W-160000	02/08/85	-192.4

6:40 TUESDAY, OCTOBER 6, 1985 3

OBSERVATION WELL WATER LEVELS			
DES WELL	LOCATION	DATE	READING
LN-77A	078N-50W-160000	03/01/85	-181.9
LN-77A	078N-50W-160000	04/02/85	-182.9
LN-77A	078N-50W-160000	04/29/85	-190.9
LN-77A	078N-50W-160000	05/21/85	-190.2
LN-77A	078N-50W-160000	07/05/85	-192.0
LN-77A	078N-50W-160000	08/01/85	-195.1
LN-77A	078N-50W-160000	09/20/85	-177.9
LN-77A	078N-50W-160000	09/17/85	-182.1

N=120

8:40 TUESDAY, OCTOBER 6, 1985 4

The scatter plot displays the relationship between IATE (X-axis) and READING (Y-axis). The X-axis represents time from 01/01/77 to 12/30/85, with major ticks every year. The Y-axis represents READING values from -152 to -198, with major ticks every 3 units. The data points are scattered, showing a general downward trend over time. A dashed horizontal line is drawn at the bottom of the plot area, around READING -198.

U0500067 - END : DATA SET

DES_WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READING
LN-77B	098N-50W-32AAAA	1 03/16/78	-156.7
LN-77E	098N-50W-32AAAA	1 05/10/78	-157.1
LN-77B	098N-50W-32AAAA	1 05/23/78	-156.8
LN-77E	098N-50W-32AAAA	1 06/06/78	-157.1
LN-77E	098N-50W-32AAAA	1 06/22/78	-157.0
LN-77B	098N-50W-32AAAA	1 07/21/78	-157.4
LN-77B	098N-50W-32AAAA	1 09/22/78	-157.3
LN-77B	098N-50W-32AAAA	1 11/01/78	-157.2
LN-77E	098N-50W-32AAAA	1 12/05/78	-157.3
LN-77E	098N-50W-32AAAA	1 01/16/79	-155.8
LN-77B	098N-50W-32AAAA	1 02/06/79	-157.2
LN-77E	098N-50W-32AAAA	1 02/14/79	-156.6
LN-77E	098N-50W-32AAAA	1 03/15/79	-154.4
LN-77E	098N-50W-32AAAA	1 06/07/79	-156.0
LN-77E	098N-50W-32AAAA	1 06/21/79	-156.1
LN-77E	098N-50W-32AAAA	1 07/17/79	-156.5
LN-77E	098N-50W-32AAAA	1 08/01/79	-157.1
LN-77E	098N-50W-32AAAA	1 08/16/79	-156.9
LN-77B	098N-50W-32AAAA	1 08/30/79	-157.5
LN-77B	098N-50W-32AAAA	1 09/19/79	-156.9
LN-77E	098N-50W-32AAAA	1 10/17/79	-157.2
LN-77E	098N-50W-32AAAA	1 11/15/79	-157.5
LN-77E	098N-50W-32AAAA	1 01/15/80	-156.7
LN-77E	098N-50W-32AAAA	1 03/12/80	-157.1
LN-77E	098N-50W-32AAAA	1 05/20/80	-157.3
LN-77E	098N-50W-32AAAA	1 06/02/80	-157.4
LN-77B	098N-50W-32AAAA	1 06/19/80	-157.4
LN-77E	098N-50W-32AAAA	1 07/12/80	-157.6
LN-77E	098N-50W-32AAAA	1 07/16/80	-157.5
LN-77E	098N-50W-32AAAA	1 07/31/80	-157.7
LN-77B	098N-50W-32AAAA	1 08/14/80	-157.7
LN-77E	098N-50W-32AAAA	1 08/27/80	-157.9
LN-77E	098N-50W-32AAAA	1 09/05/80	-157.9
LN-77E	098N-50W-32AAAA	1 10/22/80	-158.6
LN-77E	098N-50W-32AAAA	1 12/11/80	-158.2
LN-77E	098N-50W-32AAAA	1 03/11/81	-158.4
LN-77E	098N-50W-32AAAA	1 04/20/81	-158.8
LN-77E	098N-50W-32AAAA	1 05/21/81	-159.4
LN-77E	098N-50W-32AAAA	1 06/03/81	-160.7
LN-77E	098N-50W-32AAAA	1 06/16/81	-161.6
LN-77B	098N-50W-32AAAA	1 06/24/81	-161.2
LN-77E	098N-50W-32AAAA	1 07/01/81	-161.5
LN-77E	098N-50W-32AAAA	1 07/15/81	-162.0
LN-77B	098N-50W-32AAAA	1 07/21/81	-162.0
LN-77E	098N-50W-32AAAA	1 07/29/81	-162.7
LN-77E	098N-50W-32AAAA	1 08/04/81	-162.2
LN-77E	098N-50W-32AAAA	1 08/11/81	-162.9
LN-77E	098N-50W-32AAAA	1 08/25/81	-163.0
LN-77B	098N-50W-32AAAA	1 08/30/81	-162.3
LN-77E	098N-50W-32AAAA	1 09/14/81	-164.2
LN-77B	098N-50W-32AAAA	1 09/26/81	-165.3
LN-77B	098N-50W-32AAAA	1 10/05/81	-165.7
LN-77E	098N-50W-32AAAA	1 10/06/81	-166.1
LN-77E	098N-50W-32AAAA	1 10/14/81	-166.6
LN-77B	098N-50W-32AAAA	1 10/26/81	-166.3
LN-77E	098N-50W-32AAAA	1 11/10/81	-164.9

9:14 TUESDAY, OCTOBER 3, 1985 1

OBSERVATION WELL WATER LEVELS

GSS_WELL	LOCATION	DATE	READING
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9:14 TUESDAY, OCTOBER, E, 1985 2

LN-77B	098N-50W-32AAAA 1	11/18/81	-164.7
LN-77B	098N-50W-32AAAA 1	12/02/81	-166.5
LN-77B	098N-50W-32AAAA 1	12/15/81	-164.7
LN-77B	098N-50W-32AAAA 1	12/21/81	-165.4
LN-77B	098N-50W-32AAAA 1	01/15/82	-164.6
LN-77B	098N-50W-32AAAA 1	02/01/82	-165.6
LN-77B	098N-50W-32AAAA 1	02/11/82	-166.5
LN-77B	098N-50W-32AAAA 1	02/23/82	-166.5
LN-77B	098N-50W-32AAAA 1	03/17/82	-166.5
LN-77B	098N-50W-32AAAA 1	04/06/82	-166.3
LN-77B	098N-50W-32AAAA 1	04/19/82	-166.9
LN-77B	098N-50W-32AAAA 1	05/03/82	-165.6
LN-77B	098N-50W-32AAAA 1	05/15/82	-165.7
LN-77B	098N-50W-32AAAA 1	05/31/82	-165.4
LN-77B	098N-50W-32AAAA 1	06/14/82	-166.6
LN-77B	098N-50W-32AAAA 1	06/28/82	-162.6
LN-77B	098N-50W-32AAAA 1	07/12/82	-168.0
LN-77B	098N-50W-32AAAA 1	07/26/82	-167.5
LN-77B	098N-50W-32AAAA 1	08/09/82	-163.8
LN-77B	098N-50W-32AAAA 1	08/22/82	-162.3
LN-77B	098N-50W-32AAAA 1	09/08/82	-167.8
LN-77B	098N-50W-32AAAA 1	09/24/82	-167.7
LN-77B	098N-50W-32AAAA 1	10/06/82	-167.2
LN-77B	098N-50W-32AAAA 1	10/22/82	-166.7
LN-77B	098N-50W-32AAAA 1	11/02/82	-167.5
LN-77B	098N-50W-32AAAA 1	12/02/82	-165.1
LN-77B	098N-50W-32AAAA 1	12/17/82	-166.4
LN-77B	098N-50W-32AAAA 1	01/18/83	-163.1
LN-77B	098N-50W-32AAAA 1	02/09/83	-166.2
LN-77B	098N-50W-32AAAA 1	03/01/83	-167.5
LN-77B	098N-50W-32AAAA 1	03/23/83	-166.0
LN-77B	098N-50W-32AAAA 1	04/15/83	-166.3
LN-77B	098N-50W-32AAAA 1	05/17/83	-167.6
LN-77B	098N-50W-32AAAA 1	06/13/83	-168.7
LN-77B	098N-50W-32AAAA 1	07/12/83	-169.1
LN-77B	098N-50W-32AAAA 1	07/29/83	-168.6
LN-77B	098N-50W-32AAAA 1	08/09/83	-169.6
LN-77B	098N-50W-32AAAA 1	08/13/83	-170.0
LN-77B	098N-50W-32AAAA 1	10/16/83	-168.9
LN-77B	098N-50W-32AAAA 1	11/16/83	-165.4
LN-77B	098N-50W-32AAAA 1	12/26/83	-166.0
LN-77B	098N-50W-32AAAA 1	01/20/84	-168.5
LN-77B	098N-50W-32AAAA 1	02/07/84	-167.5
LN-77B	098N-50W-32AAAA 1	02/27/84	-166.8
LN-77B	098N-50W-32AAAA 1	04/12/84	-165.7
LN-77B	098N-50W-32AAAA 1	05/08/84	-167.0
LN-77B	098N-50W-32AAAA 1	06/15/84	-167.7
LN-77B	098N-50W-32AAAA 1	07/02/84	-167.7
LN-77B	098N-50W-32AAAA 1	07/30/84	-163.2
LN-77B	098N-50W-32AAAA 1	08/28/84	-168.0
LN-77B	098N-50W-32AAAA 1	10/05/84	-166.6
LN-77B	098N-50W-32AAAA 1	11/06/84	-167.7
LN-77B	098N-50W-32AAAA 1	12/03/84	-168.7
LN-77B	098N-50W-32AAAA 1	01/03/85	-165.4
LN-77B	098N-50W-32AAAA 1	02/06/85	-166.9
LN-77B	098N-50W-32AAAA 1	03/01/85	-167.3

CSS_WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READING
LN-77E	09BN-50W-32AAAA 1	04/02/85	-167.3
LN-77E	09BN-50W-32AAAA 1	05/22/85	-168.4
LN-77E	09BN-50W-32AAAA 1	08/01/85	-169.2
LN-77B	09BN-50W-32AAAA 1	08/20/85	-169.2
LN-77E	09BN-50W-32AAAA 1	09/17/85	-166.6

9:14 TUESDAY, OCTOBER 8, 1985 3

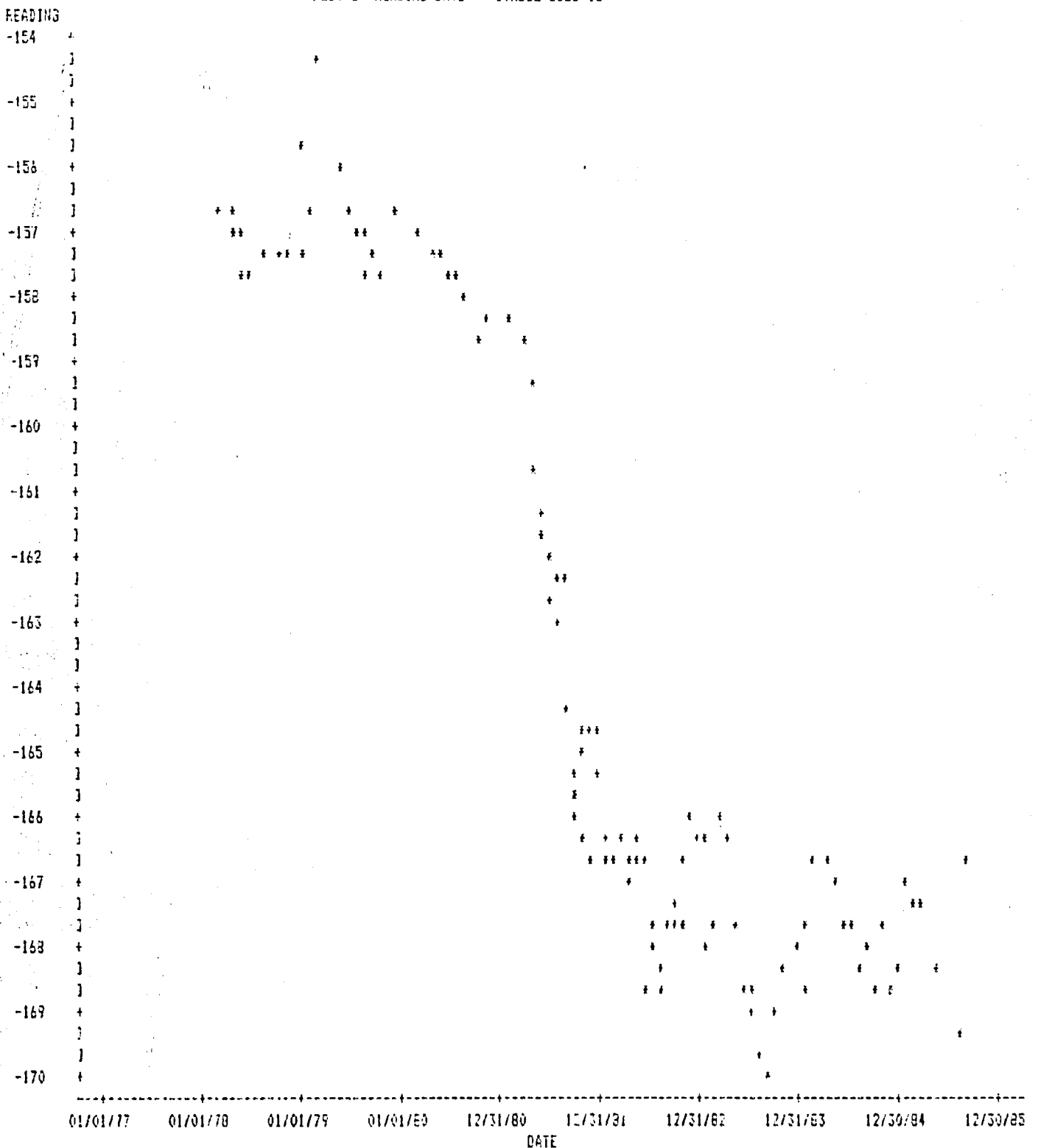
N=117

L

OBSERVATION WELL WATER LEVELS
OBS_WELL=LN-77B

5:14 TUESDAY, OCTOBER 8, 1985 4

PLOT OF READING*DATE SYMBOL USED IS *



NOTE: 12 OBS HIDDEN

UBS0009 - END OF DATA SET

9:22 TUESDAY, OCTOBER 6, 1985 1

QES_WELL	OBSERVATION WELL WATER LEVELS LOCATION	DATE	READING
LN-77C	098N-50W-320000 1	03/15/79	-165.6
LN-77C	098N-50W-320000 1	05/21/79	-164.8
LN-77C	098N-50W-320000 1	07/19/79	-165.1
LN-77C	098N-50W-320000 1	09/01/79	-165.7
LN-77C	098N-50W-320000 1	09/15/79	-165.2
LN-77C	098N-50W-320000 1	09/29/79	-165.8
LN-77C	098N-50W-320000 1	09/19/79	-167.8
LN-77C	098N-50W-320000 1	10/15/79	-167.3
LN-77C	098N-50W-320000 1	11/15/79	-168.4
LN-77C	098N-50W-320000 1	01/15/80	-166.4
LN-77C	098N-50W-320000 1	05/20/80	-165.3
LN-77C	098N-50W-320000 1	12/11/80	-168.8
LN-77C	098N-50W-320000 1	03/11/81	-169.3
LN-77C	098N-50W-320000 1	04/20/81	-169.3
LN-77C	098N-50W-320000 1	06/24/81	-171.0
LN-77C	098N-50W-320000 1	07/01/81	-165.6
LN-77C	098N-50W-320000 1	07/21/81	-171.7
LN-77C	098N-50W-320000 1	08/03/81	-173.7
LN-77C	098N-50W-320000 1	08/26/81	-172.4
LN-77C	098N-50W-320000 1	09/30/81	-170.4
LN-77C	098N-50W-320000 1	09/14/81	-173.2
LN-77C	098N-50W-320000 1	09/28/81	-182.7
LN-77C	098N-50W-320000 1	10/06/81	-175.0
LN-77C	098N-50W-320000 1	10/25/81	-184.8
LN-77C	098N-50W-320000 1	12/02/81	-178.0
LN-77C	098N-50W-320000 1	02/01/82	-174.4
LN-77C	098N-50W-320000 1	02/23/82	-185.4
LN-77C	098N-50W-320000 1	05/03/82	-185.4
LN-77C	098N-50W-320000 1	06/14/82	-175.6
LN-77C	098N-50W-320000 1	07/12/82	-175.6
LN-77C	098N-50W-320000 1	07/08/82	-195.2
LN-77C	098N-50W-320000 1	09/24/82	-185.2
LN-77C	098N-50W-320000 1	10/22/82	-177.5
LN-77C	098N-50W-320000 1	11/02/82	-185.4
LN-77C	098N-50W-320000 1	12/02/82	-175.8
LN-77C	098N-50W-320000 1	12/15/82	-176.2
LN-77C	098N-50W-320000 1	01/18/83	-176.8
LN-77C	098N-50W-320000 1	03/01/83	-176.6
LN-77C	098N-50W-320000 1	03/23/83	-175.0
LN-77C	098N-50W-320000 1	04/19/83	-176.9
LN-77C	098N-50W-320000 1	05/17/83	-176.7
LN-77C	098N-50W-320000 1	06/13/83	-177.0
LN-77C	098N-50W-320000 1	07/12/83	-185.6
LN-77C	098N-50W-320000 1	07/19/83	-177.9
LN-77C	098N-50W-320000 1	09/13/83	-184.6
LN-77C	098N-50W-320000 1	10/18/83	-178.9
LN-77C	098N-50W-320000 1	11/16/83	-185.7
LN-77C	098N-50W-320000 1	12/26/83	-185.9
LN-77C	098N-50W-320000 1	01/20/84	-175.0
LN-77C	098N-50W-320000 1	02/07/84	-176.4
LN-77C	098N-50W-320000 1	02/27/84	-176.0
LN-77C	098N-50W-320000 1	04/12/84	-178.0
LN-77C	098N-50W-320000 1	05/08/84	-185.2
LN-77C	098N-50W-320000 1	06/05/84	-182.7
LN-77C	098N-50W-320000 1	07/02/84	-177.5
LN-77C	098N-50W-320000 1	07/30/84	-177.8

9:22 TUESDAY, OCTOBER 6, 1985 2

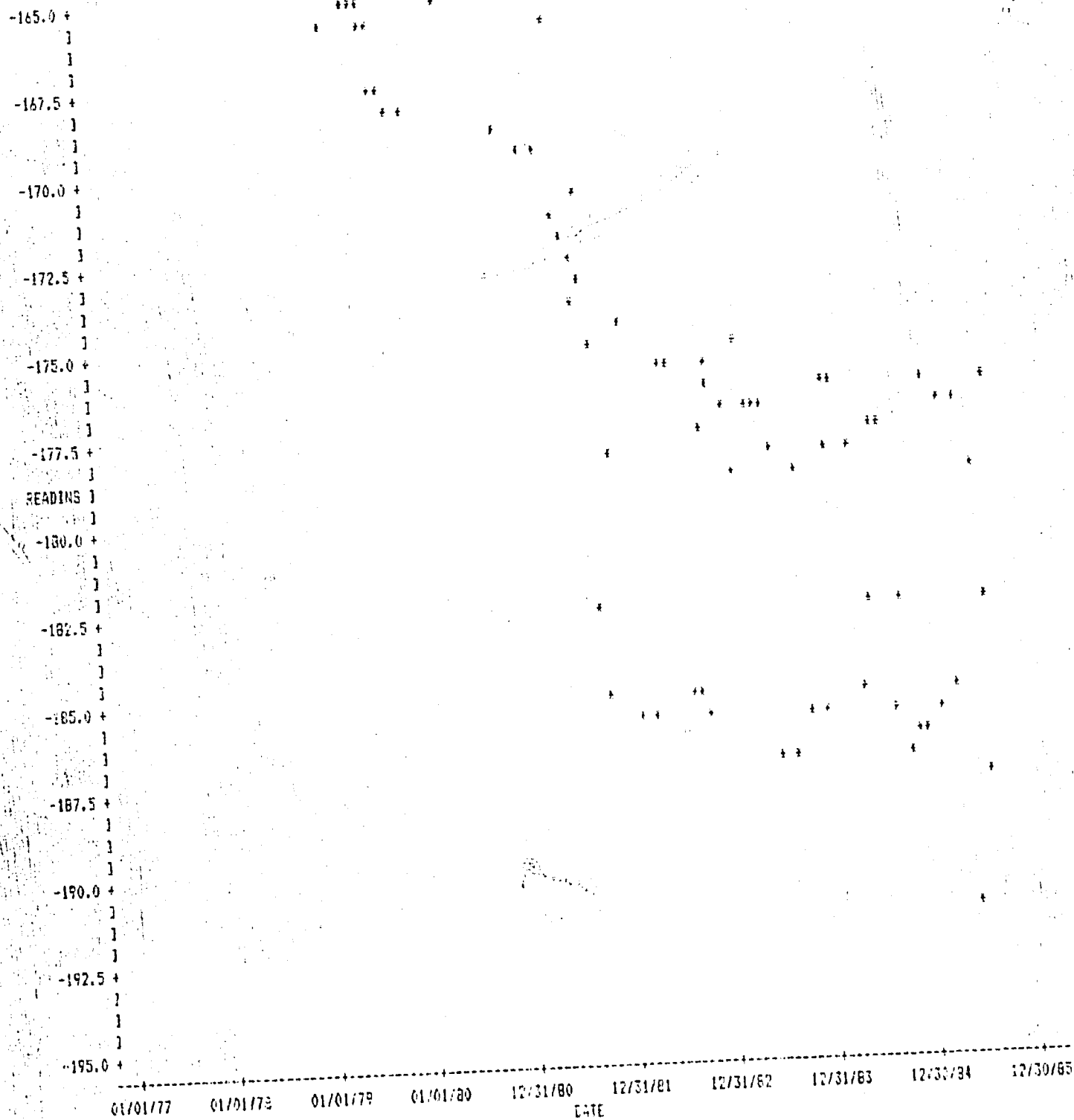
GFS_WELL	OBSERVATION WELL WATER LEVELS LOCATION	DATE	READING
LN-77C	098N-50W-320000 1	08/28/84	-185.5
LN-77C	098N-50W-320000 1	10/03/84	-182.5
LN-77C	098N-50W-320000 1	11/05/84	-186.6
LN-77C	098N-50W-320000 1	12/03/84	-186.3
LN-77C	098N-50W-320000 1	01/03/85	-186.1
LN-77C	098N-50W-320000 1	02/06/85	-176.1
LN-77C	098N-50W-320000 1	03/01/85	-185.4
LN-77C	098N-50W-320000 1	04/02/85	-176.5
LN-77C	098N-50W-320000 1	04/29/85	-154.7
LN-77C	098N-50W-320000 1	05/21/85	-177.1
LN-77C	098N-50W-320000 1	06/04/85	-191.5
LN-77C	098N-50W-320000 1	07/05/85	-175.0
LN-77C	098N-50W-320000 1	08/01/85	-182.4
LN-77C	098N-50W-320000 1	08/20/85	-187.4
LN-77C	098N-50W-320000 1	09/17/85	-176.4

N=71

OBSERVATION WELL WATER LEVELS
OBS_WELL=LX-77C

9:22 TUESDAY, OCTOBER 9, 1985 3

PLOT OF READING*DATE SYMBOL USED IS *



OBS WELL OBSERVATION WELL WATER LEVELS
 LOCATION DATE FEASING

9:25 TUESDAY, OCTOBER 2, 1985

LN-770	098N-50W-320000 1	05/16/78	-166.0
LN-770	098N-50W-320000 1	06/06/78	-166.5
LN-770	098N-50W-320000 1	06/22/78	-166.8
LN-770	098N-50W-320000 1	07/21/78	-167.3
LN-770	098N-50W-320000 1	09/22/78	-166.6
LN-770	098N-50W-320000 1	11/01/78	-166.4
LN-770	098N-50W-320000 1	02/06/79	-166.6
LN-770	098N-50W-320000 1	02/14/79	-165.9
LN-770	098N-50W-320000 1	03/15/79	-166.4
LN-770	098N-50W-320000 1	06/21/79	-165.4
LN-770	098N-50W-320000 1	07/19/79	-166.7
LN-770	098N-50W-320000 1	08/01/79	-167.0
LN-770	098N-50W-320000 1	08/30/79	-166.7
LN-770	098N-50W-320000 1	09/19/79	-165.8
LN-770	098N-50W-320000 1	10/15/79	-166.0
LN-770	098N-50W-320000 1	11/15/79	-166.9
LN-770	098N-50W-320000 1	01/15/80	-166.5
LN-770	098N-50W-320000 1	05/07/80	-165.5
LN-770	098N-50W-320000 1	05/20/80	-165.5
LN-770	098N-50W-320000 1	10/22/80	-165.2
LN-770	098N-50W-320000 1	12/11/80	-167.4
LN-770	098N-50W-320000 1	04/20/81	-167.9
LN-770	098N-50W-320000 1	06/24/81	-169.6
LN-770	098N-50W-320000 1	07/15/81	-169.2
LN-770	098N-50W-320000 1	07/21/81	-170.3
LN-770	098N-50W-320000 1	07/29/81	-173.4
LN-770	098N-50W-320000 1	08/03/81	-171.5
LN-770	098N-50W-320000 1	08/26/81	-169.7
LN-770	098N-50W-320000 1	09/14/81	-171.6
LN-770	098N-50W-320000 1	09/25/81	-181.9
LN-770	098N-50W-320000 1	10/06/81	-172.7
LN-770	098N-50W-320000 1	10/14/81	-172.9
LN-770	098N-50W-320000 1	10/29/81	-163.8
LN-770	098N-50W-320000 1	11/10/81	-174.6
LN-770	098N-50W-320000 1	11/18/81	-162.2
LN-770	098N-50W-320000 1	12/02/81	-171.4
LN-770	098N-50W-320000 1	12/15/81	-174.7
LN-770	098N-50W-320000 1	12/27/81	-182.2
LN-770	098N-50W-320000 1	01/13/82	-172.1
LN-770	098N-50W-320000 1	02/01/82	-173.8
LN-770	098N-50W-320000 1	02/11/82	-181.6
LN-770	098N-50W-320000 1	02/23/82	-184.5
LN-770	098N-50W-320000 1	03/17/82	-182.4
LN-770	098N-50W-320000 1	04/06/82	-174.7
LN-770	098N-50W-320000 1	04/19/82	-179.6
LN-770	098N-50W-320000 1	05/03/82	-164.7
LN-770	098N-50W-320000 1	05/19/82	-176.5
LN-770	098N-50W-320000 1	05/31/82	-164.9
LN-770	098N-50W-320000 1	06/14/82	-173.9
LN-770	098N-50W-320000 1	06/28/82	-165.5
LN-770	098N-50W-320000 1	07/12/82	-186.2
LN-770	098N-50W-320000 1	07/26/82	-178.2
LN-770	098N-50W-320000 1	08/09/82	-165.7
LN-770	098N-50W-320000 1	08/23/82	-177.3
LN-770	098N-50W-320000 1	09/03/82	-184.7
LN-770	098N-50W-320000 1	09/24/82	-184.4

9:23 TUESDAY, OCTOBER 8, 1985 2

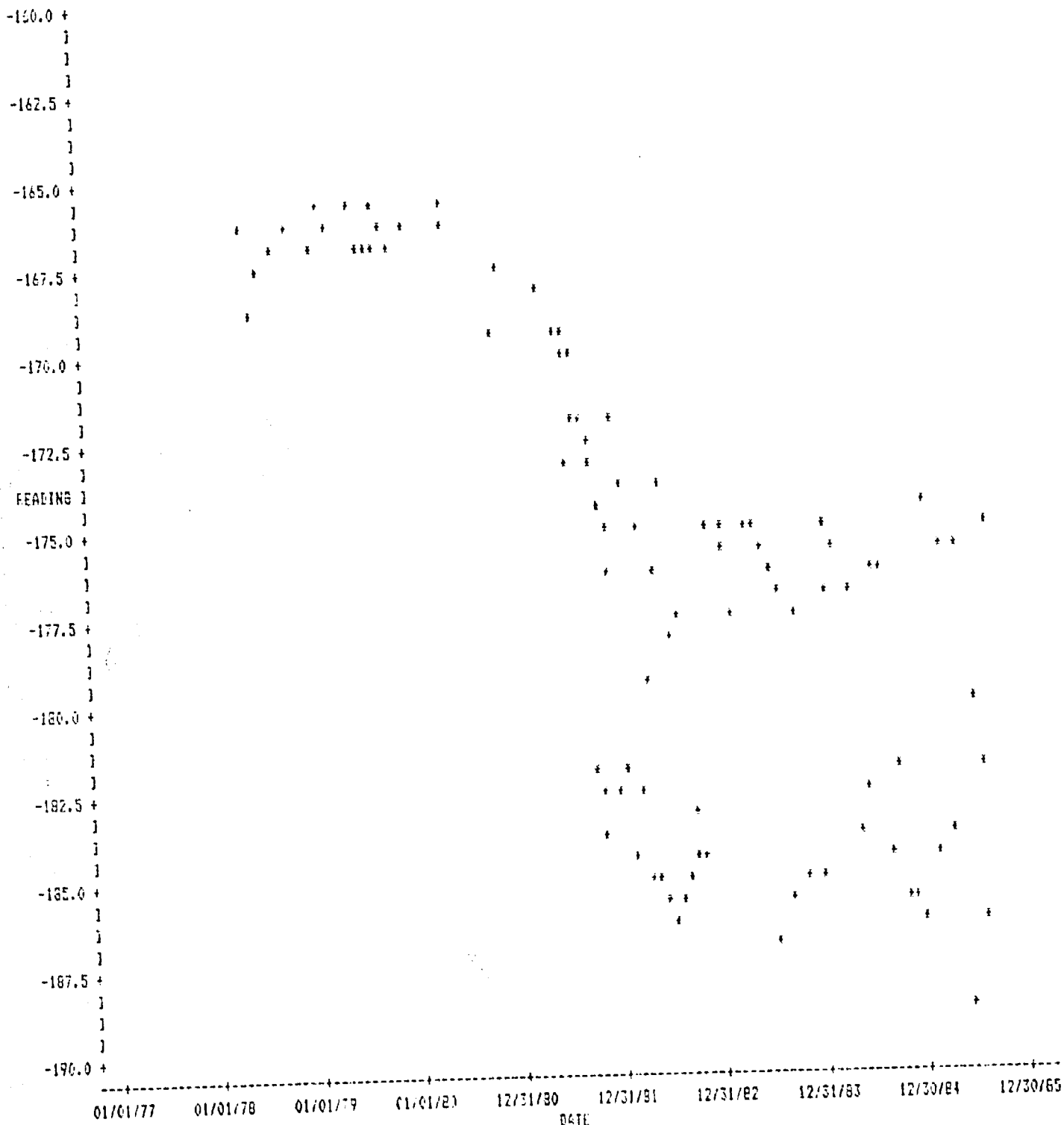
OBS. WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READINGS
LN-77D	098N-50W-320000 1	10/05/82	-163.0
LN-77D	098N-50W-320000 1	11/02/82	-184.4
LN-77D	098N-50W-320000 1	12/16/82	-174.6
LN-77D	098N-50W-320000 1	01/19/83	-175.6
LN-77D	098N-50W-320000 1	02/09/83	-175.0
LN-77D	098N-50W-320000 1	03/01/83	-177.4
LN-77D	098N-50W-320000 1	04/19/83	-175.1
LN-77D	098N-50W-320000 1	05/17/83	-174.9
LN-77D	098N-50W-320000 1	06/13/83	-175.6
LN-77D	098N-50W-320000 1	07/12/83	-166.7
LN-77D	098N-50W-320000 1	07/20/83	-176.0
LN-77D	098N-50W-320000 1	08/08/83	-177.1
LN-77D	098N-50W-320000 1	09/13/83	-185.7
LN-77D	098N-50W-320000 1	10/18/83	-177.5
LN-77D	098N-50W-320000 1	11/16/83	-184.7
LN-77D	098N-50W-320000 1	12/26/83	-185.1
LN-77D	098N-50W-320000 1	01/20/84	-176.9
LN-77D	098N-50W-320000 1	02/07/84	-175.0
LN-77D	098N-50W-320000 1	02/27/84	-175.5
LN-77D	098N-50W-320000 1	04/12/84	-176.6
LN-77D	098N-50W-320000 1	05/08/84	-163.8
LN-77D	098N-50W-320000 1	06/05/84	-162.2
LN-77D	098N-50W-320000 1	07/02/84	-176.0
LN-77D	098N-50W-320000 1	07/30/84	-176.5
LN-77D	098N-50W-320000 1	08/28/84	-184.5
LN-77D	098N-50W-320000 1	10/03/84	-181.7
LN-77D	098N-50W-320000 1	11/06/84	-165.7
LN-77D	098N-50W-320000 1	12/03/84	-165.4
LN-77D	098N-50W-320000 1	01/03/85	-186.2
LN-77D	098N-50W-320000 1	02/05/85	-174.6
LN-77D	098N-50W-320000 1	03/01/85	-184.5
LN-77D	098N-50W-320000 1	04/02/85	-175.4
LN-77D	098N-50W-320000 1	04/29/85	-183.8
LN-77D	098N-50W-320000 1	05/21/85	-175.8
LN-77D	098N-50W-320000 1	06/04/85	-169.0
LN-77D	098N-50W-320000 1	07/05/85	-175.7
LN-77D	098N-50W-320000 1	08/01/85	-182.0
LN-77D	098N-50W-320000 1	08/20/85	-186.5
LN-77D	098N-50W-320000 1	09/17/85	-175.1

E-95

OBSERVATION WELL WATER LEVELS
OBS_WELL=LN-770

9:28 TUESDAY, OCTOBER 8, 1985 3

PLOT OF READINGS*DATE SYMBOL USED IS *



NOTE: 1 OBS HIDDEN

U3S0009 -- END OF DATA SET

9:42 TUESDAY, OCTOBER 8, 1985

1

OBS_WELL	LOCATION	DATE	READING
LN-77F	098N-51W-27ABAA	06/07/79	-90.2
LN-77F	098N-51W-27ABAA	06/21/79	-90.2
LN-77F	098N-51W-27ABAA	07/05/79	-90.3
LN-77F	098N-51W-27ABAA	07/19/79	-90.3
LN-77F	098N-51W-27ABAA	08/01/79	-90.1
LN-77F	098N-51W-27ABAA	08/16/79	-90.6
LN-77F	098N-51W-27ABAA	09/19/79	-90.5
LN-77F	098N-51W-27ABAA	10/19/79	-90.6
LN-77F	098N-51W-27ABAA	11/15/79	-90.7
LN-77F	098N-51W-27ABAA	01/15/80	-90.3
LN-77F	098N-51W-27ABAA	03/12/80	-90.4
LN-77F	098N-51W-27ABAA	04/22/80	-90.4
LN-77F	098N-51W-27ABAA	05/20/80	-90.5
LN-77F	098N-51W-27ABAA	06/02/80	-90.4
LN-77F	098N-51W-27ABAA	06/19/80	-90.6
LN-77F	098N-51W-27ABAA	07/02/80	-90.7
LN-77F	098N-51W-27ABAA	07/16/80	-90.7
LN-77F	098N-51W-27ABAA	07/31/80	-91.1
LN-77F	098N-51W-27ABAA	08/14/80	-91.3
LN-77F	098N-51W-27ABAA	08/27/80	-91.7
LN-77F	098N-51W-27ABAA	10/22/80	-91.9
LN-77F	098N-51W-27ABAA	12/11/80	-92.1
LN-77F	098N-51W-27ABAA	02/11/81	-91.9
LN-77F	098N-51W-27ABAA	04/20/81	-91.6
LN-77F	098N-51W-27ABAA	05/21/81	-91.9
LN-77F	098N-51W-27ABAA	06/03/81	-91.5
LN-77F	098N-51W-27ABAA	06/18/81	-92.0
LN-77F	098N-51W-27ABAA	07/01/81	-92.1
LN-77F	098N-51W-27ABAA	07/15/81	-92.1
LN-77F	098N-51W-27ABAA	07/29/81	-92.3
LN-77F	098N-51W-27ABAA	08/11/81	-92.6
LN-77F	098N-51W-27ABAA	08/30/81	-92.5
LN-77F	098N-51W-27ABAA	09/26/81	-93.0
LN-77F	098N-51W-27ABAA	10/08/81	-93.1
LN-77F	098N-51W-27ABAA	10/14/81	-93.1
LN-77F	098N-51W-27ABAA	10/28/81	-92.9
LN-77F	098N-51W-27ABAA	11/10/81	-93.2
LN-77F	098N-51W-27ABAA	11/13/81	-92.8
LN-77F	098N-51W-27ABAA	12/01/81	-92.9
LN-77F	098N-51W-27ABAA	12/15/81	-92.7
LN-77F	098N-51W-27ABAA	12/27/81	-93.2
LN-77F	098N-51W-27ABAA	01/14/82	-92.5
LN-77F	098N-51W-27ABAA	02/23/82	-93.0
LN-77F	098N-51W-27ABAA	03/17/82	-92.6
LN-77F	098N-51W-27ABAA	04/06/82	-93.1
LN-77F	098N-51W-27ABAA	04/19/82	-93.0
LN-77F	098N-51W-27ABAA	05/03/82	-93.1
LN-77F	098N-51W-27ABAA	05/19/82	-93.5
LN-77F	098N-51W-27ABAA	05/31/82	-93.0
LN-77F	098N-51W-27ABAA	06/14/82	-93.1
LN-77F	098N-51W-27ABAA	06/28/82	-93.0
LN-77F	098N-51W-27ABAA	07/12/82	-93.7
LN-77F	098N-51W-27ABAA	07/26/82	-93.3
LN-77F	098N-51W-27ABAA	08/09/82	-94.3
LN-77F	098N-51W-27ABAA	08/22/82	-94.2
LN-77F	098N-51W-27ABAA	09/05/82	-94.0

4:42 TUESDAY, OCTOBER 9, 1985 2

OBSERVATION WELL WATER LEVELS			
OBS. WELL	LOCATION	DATE	READING
LN-77F	098N-51W-27ABAA	10/05/82	-93.6
LN-77F	098N-51W-27ABAA	11/02/82	-93.6
LN-77F	098N-51W-27ABAA	12/16/82	-93.4
LN-77F	098N-51W-27ABAA	02/09/83	-93.0
LN-77F	098N-51W-27ABAA	03/01/83	-92.8
LN-77F	098N-51W-27ABAA	04/19/83	-92.8
LN-77F	098N-51W-27ABAA	05/17/83	-93.2
LN-77F	098N-51W-27ABAA	06/13/83	-93.1
LN-77F	098N-51W-27ABAA	07/12/83	-92.7
LN-77F	098N-51W-27ABAA	07/19/83	-92.4
LN-77F	098N-51W-27ABAA	08/08/83	-93.0
LN-77F	098N-51W-27ABAA	09/13/83	-93.1
LN-77F	098N-51W-27ABAA	11/15/83	-93.3
LN-77F	098N-51W-27ABAA	02/08/84	-92.5
LN-77F	098N-51W-27ABAA	02/27/84	-93.3
LN-77F	098N-51W-27ABAA	05/08/84	-92.3
LN-77F	098N-51W-27ABAA	06/05/84	-91.8
LN-77F	098N-51W-27ABAA	07/17/84	-92.0
LN-77F	098N-51W-27ABAA	08/13/84	-92.0
LN-77F	098N-51W-27ABAA	10/03/84	-92.1
LN-77F	098N-51W-27ABAA	11/06/84	-91.7
LN-77F	098N-51W-27ABAA	12/03/84	-91.9
LN-77F	098N-51W-27ABAA	01/03/85	-92.3
LN-77F	098N-51W-27ABAA	02/06/85	-92.2
LN-77F	098N-51W-27ABAA	03/01/85	-92.0
LN-77F	098N-51W-27ABAA	04/02/85	-92.2
LN-77F	098N-51W-27ABAA	04/29/85	-91.5
LN-77F	098N-51W-27ABAA	05/22/85	-92.0
LN-77F	098N-51W-27ABAA	06/05/85	-92.4
LN-77F	098N-51W-27ABAA	07/05/85	-92.4
LN-77F	098N-51W-27ABAA	08/01/85	-92.1
LN-77F	098N-51W-27ABAA	08/21/85	-92.7

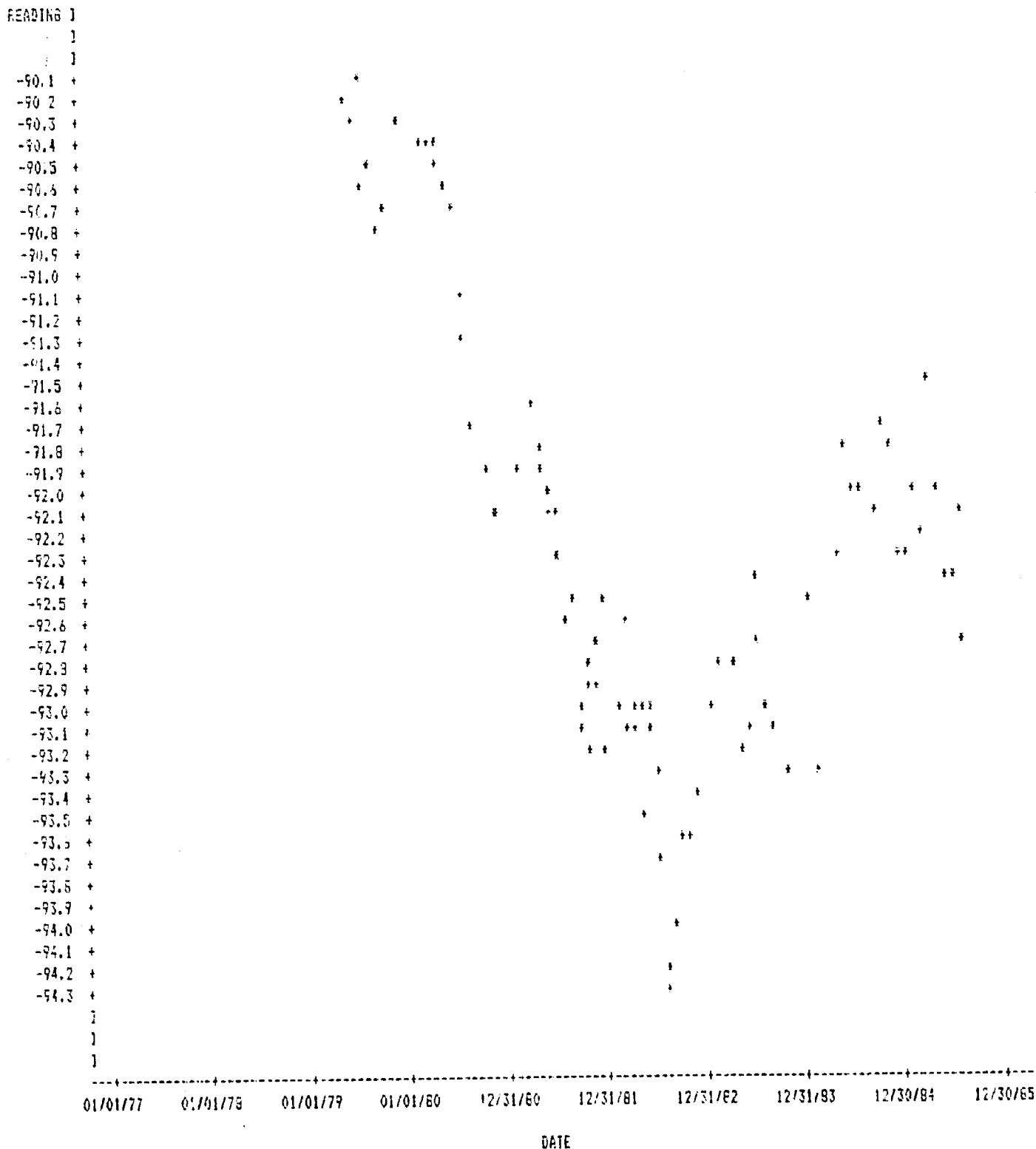
N=88

L

OBSERVATION WELL WATER LEVELS
OBS_WELL=LN-77F

5:42 TUESDAY, OCTOBER 8, 1985 3

PLOT OF READING*DATE SYMBOL USED IS *



NOTE: * OBS HIDDEN

OBSERVATION WELL WATER LEVELS

15109 TUESDAY, OCTOBER 8, 1985

OBS_WELL	LOCATION	DATE	READING
LN-79AR	096N-51W-3600CB 2	08/16/79	-121.0
LN-79AR	096N-51W-3600CB 2	08/29/79	-122.2
LN-79AR	096N-51W-3600CB 2	09/20/79	-121.1
LN-79AR	096N-51W-3600CB 2	10/15/79	-120.5
LN-79AR	096N-51W-3600CB 2	11/15/79	-121.5
LN-79AR	096N-51W-3600CB 2	01/15/80	-121.2
LN-79AR	096N-51W-3600CB 2	03/12/80	-121.1
LN-79AR	096N-51W-3600CB 2	05/20/80	-121.3
LN-79AR	096N-51W-3600CB 2	06/02/80	-121.2
LN-79AR	096N-51W-3600CB 2	06/17/80	-121.3
LN-79AR	096N-51W-3600CB 2	07/02/80	-121.4
LN-79AR	096N-51W-3600CB 2	07/16/80	-121.4
LN-79AR	096N-51W-3600CB 2	07/31/80	-121.6
LN-79AR	096N-51W-3600CB 2	08/14/80	-121.6
LN-79AR	096N-51W-3600CB 2	08/27/80	-121.7
LN-79AR	096N-51W-3600CB 2	09/05/80	-121.8
LN-79AR	096N-51W-3600CB 2	10/22/80	-122.2
LN-79AR	096N-51W-3600CB 2	12/11/80	-122.4
LN-79AR	096N-51W-3600CB 2	03/11/81	-122.3
LN-79AR	096N-51W-3600CB 2	04/20/81	-121.5
LN-79AR	096N-51W-3600CB 2	05/21/81	-123.2
LN-79AR	096N-51W-3600CB 2	06/03/81	-123.4
LN-79AR	096N-51W-3600CB 2	06/18/81	-124.1
LN-79AR	096N-51W-3600CB 2	07/01/81	-124.2
LN-79AR	096N-51W-3600CB 2	07/15/81	-124.5
LN-79AR	096N-51W-3600CB 2	07/29/81	-124.9
LN-79AR	096N-51W-3600CB 2	08/11/81	-125.2
LN-79AR	096N-51W-3600CB 2	08/26/81	-124.9
LN-79AR	096N-51W-3600CB 2	08/30/81	-125.0
LN-79AR	096N-51W-3600CB 2	09/26/81	-126.1
LN-79AR	096N-51W-3600CB 2	10/07/81	-126.9
LN-79AR	096N-51W-3600CB 2	10/14/81	-127.1
LN-79AR	096N-51W-3600CB 2	10/28/81	-127.0
LN-79AR	096N-51W-3600CB 2	11/10/81	-127.3
LN-79AR	096N-51W-3600CB 2	11/18/81	-127.1
LN-79AR	096N-51W-3600CB 2	12/01/81	-127.2
LN-79AR	096N-51W-3600CB 2	12/15/81	-127.3
LN-79AR	096N-51W-3600CB 2	12/27/81	-127.5
LN-79AR	096N-51W-3600CB 2	01/14/82	-126.8
LN-79AR	096N-51W-3600CB 2	02/01/82	-128.0
LN-79AR	096N-51W-3600CB 2	02/11/82	-128.3
LN-79AR	096N-51W-3600CB 2	02/27/82	-128.1
LN-79AR	096N-51W-3600CB 2	03/17/82	-127.9
LN-79AR	096N-51W-3600CB 2	04/05/82	-128.5
LN-79AR	096N-51W-3600CB 2	04/19/82	-127.6
LN-79AR	096N-51W-3600CB 2	05/11/82	-129.3
LN-79AR	096N-51W-3600CB 2	05/21/82	-128.3
LN-79AR	096N-51W-3600CB 2	06/14/82	-128.5
LN-79AR	096N-51W-3600CB 2	06/23/82	-128.9
LN-79AR	096N-51W-3600CB 2	07/12/82	-129.3
LN-79AR	096N-51W-3600CB 2	07/26/82	-129.3
LN-79AR	096N-51W-3600CB 2	08/09/82	-129.3
LN-79AR	096N-51W-3600CB 2	08/22/82	-129.8
LN-79AR	096N-51W-3600CB 2	09/24/82	-129.5
LN-79AR	096N-51W-3600CB 2	10/05/82	-128.9
LN-79AR	096N-51W-3600CB 2	10/27/82	-128.8

OBSERVATION WELL WATER LEVELS

15:00 TUESDAY, OCTOBER 6, 1985

OBS_WELL	LOCATION	DATE	READING
LN-79AR	098N-51W-3600CB 2	11/02/82	-128.7
LN-79AR	098N-51W-3600CB 2	12/02/82	-128.5
LN-79AR	098N-51W-3600CB 2	12/16/82	-128.7
LN-79AR	098N-51W-3600CB 2	01/18/83	-129.3
LN-79AR	098N-51W-3600CB 2	02/09/83	-128.5
LN-79AR	098N-51W-3600CB 2	03/01/83	-128.1
LN-79AR	098N-51W-3600CB 2	03/23/83	-129.7
LN-79AR	098N-51W-3600CB 2	04/19/83	-129.1
LN-79AR	098N-51W-3600CB 2	05/17/83	-129.0
LN-79AR	098N-51W-3600CB 2	06/13/83	-129.7
LN-79AR	098N-51W-3600CB 2	07/12/83	-129.9
LN-79AR	098N-51W-3600CB 2	08/04/83	-129.8
LN-79AR	098N-51W-3600CB 2	08/08/83	-130.3
LN-79AR	098N-51W-3600CB 2	09/13/83	-130.3
LN-79AR	098N-51W-3600CB 2	10/18/83	-129.7
LN-79AR	098N-51W-3600CB 2	11/15/83	-130.0
LN-79AR	098N-51W-3600CB 2	12/01/83	-129.2
LN-79AR	098N-51W-3600CB 2	12/26/83	-129.3
LN-79AR	098N-51W-3600CB 2	01/20/84	-130.6
LN-79AR	098N-51W-3600CB 2	02/08/84	-129.9
LN-79AR	098N-51W-3600CB 2	02/27/84	-129.7
LN-79AR	098N-51W-3600CB 2	05/09/84	-128.7
LN-79AR	098N-51W-3600CB 2	05/23/84	-128.6
LN-79AR	098N-51W-3600CB 2	06/05/84	-128.2
LN-79AR	098N-51W-3600CB 2	07/03/84	-128.6
LN-79AR	098N-51W-3600CB 2	07/30/84	-128.8
LN-79AR	098N-51W-3600CB 2	08/28/84	-128.8
LN-79AR	098N-51W-3600CB 2	10/03/84	-129.4
LN-79AR	098N-51W-3600CB 2	11/06/84	-128.4
LN-79AR	098N-51W-3600CB 2	12/03/84	-128.4
LN-79AR	098N-51W-3600CB 2	01/03/85	-129.1
LN-79AR	098N-51W-3600CB 2	02/06/85	-128.7
LN-79AR	098N-51W-3600CB 2	03/01/85	-128.7
LN-79AR	098N-51W-3600CB 2	04/02/85	-129.4
LN-79AR	098N-51W-3600CB 2	04/29/85	-128.2
LN-79AR	098N-51W-3600CB 2	05/22/85	-129.3
LN-79AR	098N-51W-3600CB 2	06/05/85	-129.8
LN-79AR	098N-51W-3600CB 2	07/05/85	-130.5
LN-79AR	098N-51W-3600CB 2	08/01/85	-129.9
LN-79AR	098N-51W-3600CB 2	08/21/85	-130.1
LN-79AR	098N-51W-3600CB 2	09/17/85	-128.5

15:09 TUESDAY, OCTOBER 3, 1965

The scatter plot displays the relationship between DATE and READINGS. The Y-axis, labeled 'READINGS', ranges from -120 to -132. The X-axis, labeled 'DATE', ranges from 01/01/79 to 12/30/83. The data points show a general downward trend, starting around -120.5 in early 1979 and ending around -131.5 in late 1983. There are some fluctuations, particularly a slight increase in readings around 1981 and 1982.

UBS0009 - END OF DATA SET

OBS_WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READING
LN-79C	098N-50W-09AAAD	08/16/79	-161.9
LN-79C	098N-50W-09AAAD	09/20/79	-161.6
LN-79C	098N-50W-09AAAD	10/16/79	-161.3
LN-79C	098N-50W-09AAAD	11/15/79	-162.5
LN-79C	098N-50W-09AAAD	01/16/80	-162.0
LN-79C	098N-50W-09AAAD	03/12/80	-162.1
LN-79C	098N-50W-09AAAD	05/20/80	-162.0
LN-79C	098N-50W-09AAAD	06/02/80	-162.3
LN-79C	098N-50W-09AAAD	06/10/80	-162.7
LN-79C	098N-50W-09AAAD	07/02/80	-162.6
LN-79C	098N-50W-09AAAD	07/16/80	-162.8
LN-79C	098N-50W-09AAAD	07/31/80	-163.2
LN-79C	098N-50W-09AAAD	08/14/80	-163.4
LN-79C	098N-50W-09AAAD	08/27/80	-163.4
LN-79C	098N-50W-09AAAD	09/05/80	-163.6
LN-79C	098N-50W-09AAAD	10/22/80	-163.4
LN-79C	098N-50W-09AAAD	12/11/80	-162.7
LN-79C	098N-50W-09AAAD	03/11/81	-163.2
LN-79C	098N-50W-09AAAD	04/20/81	-163.1
LN-79C	098N-50W-09AAAD	05/21/81	-162.9
LN-79C	098N-50W-09AAAD	06/03/81	-163.1
LN-79C	098N-50W-09AAAD	06/16/81	-163.4
LN-79C	098N-50W-09AAAD	06/24/81	-163.0
LN-79C	098N-50W-09AAAD	07/01/81	-163.1
LN-79C	098N-50W-09AAAD	07/15/81	-163.0
LN-79C	098N-50W-09AAAD	07/29/81	-163.1
LN-79C	098N-50W-09AAAD	08/11/81	-163.0
LN-79C	098N-50W-09AAAD	08/30/81	-162.8
LN-79C	098N-50W-09AAAD	09/14/81	-163.2
LN-79C	098N-50W-09AAAD	09/26/81	-163.2
LN-79C	098N-50W-09AAAD	10/14/81	-162.7
LN-79C	098N-50W-09AAAD	10/28/81	-163.1
LN-79C	098N-50W-09AAAD	11/10/81	-162.4
LN-79C	098N-50W-09AAAD	11/18/81	-162.2
LN-79C	098N-50W-09AAAD	12/02/81	-162.8
LN-79C	098N-50W-09AAAD	12/15/81	-162.1
LN-79C	098N-50W-09AAAD	12/26/81	-162.6
LN-79C	098N-50W-09AAAD	01/13/82	-161.8
LN-79C	098N-50W-09AAAD	02/11/82	-162.5
LN-79C	098N-50W-09AAAD	02/25/82	-162.3
LN-79C	098N-50W-09AAAD	03/17/82	-161.3
LN-79C	098N-50W-09AAAD	04/06/82	-161.5
LN-79C	098N-50W-09AAAD	04/19/82	-161.7
LN-79C	098N-50W-09AAAD	05/03/82	-161.7
LN-79C	098N-50W-09AAAD	05/19/82	-161.9
LN-79C	098N-50W-09AAAD	05/31/82	-161.9
LN-79C	098N-50W-09AAAD	06/14/82	-161.6
LN-79C	098N-50W-09AAAD	06/28/82	-162.0
LN-79C	098N-50W-09AAAD	07/12/82	-162.4
LN-79C	098N-50W-09AAAD	07/26/82	-162.4
LN-79C	098N-50W-09AAAD	08/09/82	-162.8
LN-79C	098N-50W-09AAAD	08/22/82	-163.0
LN-79C	098N-50W-09AAAD	09/08/82	-162.6
LN-79C	098N-50W-09AAAD	09/24/82	-162.5
LN-79C	098N-50W-09AAAD	10/06/82	-162.1
LN-79C	098N-50W-09AAAD	10/22/82	-161.9

9:57 TUESDAY, OCTOBER 6, 1983 1

GSE WELL	OBSERVATION WELL WATER LEVELS		READING
	LOCATION	DATE	
LN-79C	098N-50W-09AAAD	11/02/82	-161.9
LN-79C	098N-50W-09AAAD	12/02/82	-160.9
LN-79C	098N-50W-09AAAD	12/17/82	-161.5
LN-79C	098N-50W-09AAAD	01/18/83	-162.8
LN-79C	098N-50W-09AAAD	02/09/83	-160.6
LN-79C	098N-50W-09AAAD	03/01/83	-161.5
LN-79C	098N-50W-09AAAD	03/23/83	-160.4
LN-79C	098N-50W-09AAAD	04/15/83	-161.0
LN-79C	098N-50W-09AAAD	05/17/83	-160.9
LN-79C	098N-50W-09AAAD	06/13/83	-161.0
LN-79C	098N-50W-09AAAD	07/12/83	-161.1
LN-79C	098N-50W-09AAAD	08/09/83	-161.5
LN-79C	098N-50W-09AAAD	08/09/83	-161.6
LN-79C	098N-50W-09AAAD	09/13/83	-162.5
LN-79C	098N-50W-09AAAD	10/18/83	-162.4
LN-79C	098N-50W-09AAAD	11/15/83	-162.7
LN-79C	098N-50W-09AAAD	12/26/83	-162.0
LN-79C	098N-50W-09AAAD	02/07/84	-162.1
LN-79C	098N-50W-09AAAD	02/27/84	-161.9
LN-79C	098N-50W-09AAAD	04/12/84	-161.2
LN-79C	098N-50W-09AAAD	05/08/84	-161.4
LN-79C	098N-50W-09AAAD	05/05/84	-161.7
LN-79C	098N-50W-09AAAD	07/02/84	-161.9
LN-79C	098N-50W-09AAAD	08/28/84	-161.7
LN-79C	098N-50W-09AAAD	10/03/84	-162.2
LN-79C	098N-50W-09AAAD	11/06/84	-162.1
LN-79C	098N-50W-09AAAD	12/03/84	-163.3
LN-79C	098N-50W-09AAAD	01/03/85	-163.0
LN-79C	098N-50W-09AAAD	02/06/85	-162.5
LN-79C	098N-50W-09AAAD	03/01/85	-162.0
LN-79C	098N-50W-09AAAD	04/02/85	-162.5
LN-79C	098N-50W-09AAAD	04/27/85	-161.8
LN-79C	098N-50W-09AAAD	05/22/85	-162.5
LN-79C	098N-50W-09AAAD	06/04/85	-161.0
LN-79C	098N-50W-09AAAD	07/05/85	-164.0
LN-79C	098N-50W-09AAAD	08/01/85	-162.8
LN-79C	098N-50W-09AAAD	09/20/85	-163.3
LN-79C	098N-50W-09AAAD	09/17/85	-162.6

9:57 TUESDAY, OCTOBER 8, 1985 ?

N=94

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OBSERVATION WELL WATER LEVELS
OBS_WELL=LN-79C

9:57 TUESDAY, OCTOBER 8, 1985 3

PLOT OF READINGS+DATE SYMBOL USED IS *

READINGS ↓

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-160.4 +
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01/01/79 01/01/80 12/31/80 12/31/81 12/31/82 12/31/83 12/30/84 12/30/85

DATE

NOTE: 2 OBS HIDDEN

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10:04 TUESDAY, OCTOBER 8, 1985

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055_WELL	OBSERVATION WELL WATER LEVELS LOCATION	DATE	READING
LN-79D	098N-50W-200000	08/16/79	-136.5
LN-79D	098N-50W-200000	08/30/79	-137.2
LN-79D	098N-50W-200000	09/20/79	-135.7
LN-79D	098N-50W-200000	10/19/79	-135.2
LN-79D	098N-50W-200000	11/15/79	-136.2
LN-79D	098N-50W-200000	01/16/80	-134.1
LN-79D	098N-50W-200000	03/12/80	-131.1
LN-79D	098N-50W-200000	04/22/80	-126.7
LN-79D	098N-50W-200000	05/07/80	-126.9
LN-79D	098N-50W-200000	06/02/80	-129.7
LN-79D	098N-50W-200000	06/03/80	-129.3
LN-79D	098N-50W-200000	06/19/80	-131.7
LN-79D	098N-50W-200000	07/02/80	-131.9
LN-79D	098N-50W-200000	07/16/80	-131.9
LN-79D	098N-50W-200000	07/31/80	-132.1
LN-79D	098N-50W-200000	08/14/80	-132.1
LN-79D	098N-50W-200000	08/27/80	-132.3
LN-79D	098N-50W-200000	09/05/80	-132.4
LN-79D	098N-50W-200000	10/22/80	-134.6
LN-79D	098N-50W-200000	12/11/80	-133.3
LN-79D	098N-50W-200000	03/11/81	-132.1
LN-79D	098N-50W-200000	04/20/81	-132.0
LN-79D	098N-50W-200000	05/21/81	-130.6
LN-79D	098N-50W-200000	06/03/81	-132.5
LN-79D	098N-50W-200000	06/18/81	-133.6
LN-79D	098N-50W-200000	06/24/81	-134.1
LN-79D	098N-50W-200000	07/01/81	-134.4
LN-79D	098N-50W-200000	07/15/81	-135.2
LN-79D	098N-50W-200000	07/21/81	-135.7
LN-79D	098N-50W-200000	07/29/81	-135.9
LN-79D	098N-50W-200000	08/11/81	-135.7
LN-79D	098N-50W-200000	08/26/81	-134.5
LN-79D	098N-50W-200000	09/14/81	-137.4
LN-79D	098N-50W-200000	09/26/81	-138.0
LN-79D	098N-50W-200000	10/07/81	-138.6
LN-79D	098N-50W-200000	10/14/81	-141.0
LN-79D	098N-50W-200000	10/28/81	-140.7
LN-79D	098N-50W-200000	11/10/81	-139.8
LN-79D	098N-50W-200000	11/18/81	-139.0
LN-79D	098N-50W-200000	12/02/81	-138.8
LN-79D	098N-50W-200000	12/15/81	-137.8
LN-79D	098N-50W-200000	12/26/81	-137.8
LN-79D	098N-50W-200000	01/13/82	-139.0
LN-79D	098N-50W-200000	02/01/82	-140.7
LN-79D	098N-50W-200000	02/11/82	-140.5
LN-79D	098N-50W-200000	02/23/82	-139.6
LN-79D	098N-50W-200000	03/17/82	-140.5
LN-79D	098N-50W-200000	04/06/82	-140.8
LN-79D	098N-50W-200000	04/19/82	-140.9
LN-79D	098N-50W-200000	05/03/82	-140.0
LN-79D	098N-50W-200000	05/19/82	-140.9
LN-79D	098N-50W-200000	05/31/82	-140.0
LN-79D	098N-50W-200000	06/14/82	-141.0
LN-79D	098N-50W-200000	06/28/82	-140.5
LN-79D	098N-50W-200000	07/12/82	-141.4
LN-79D	098N-50W-200000	07/26/82	-140.7

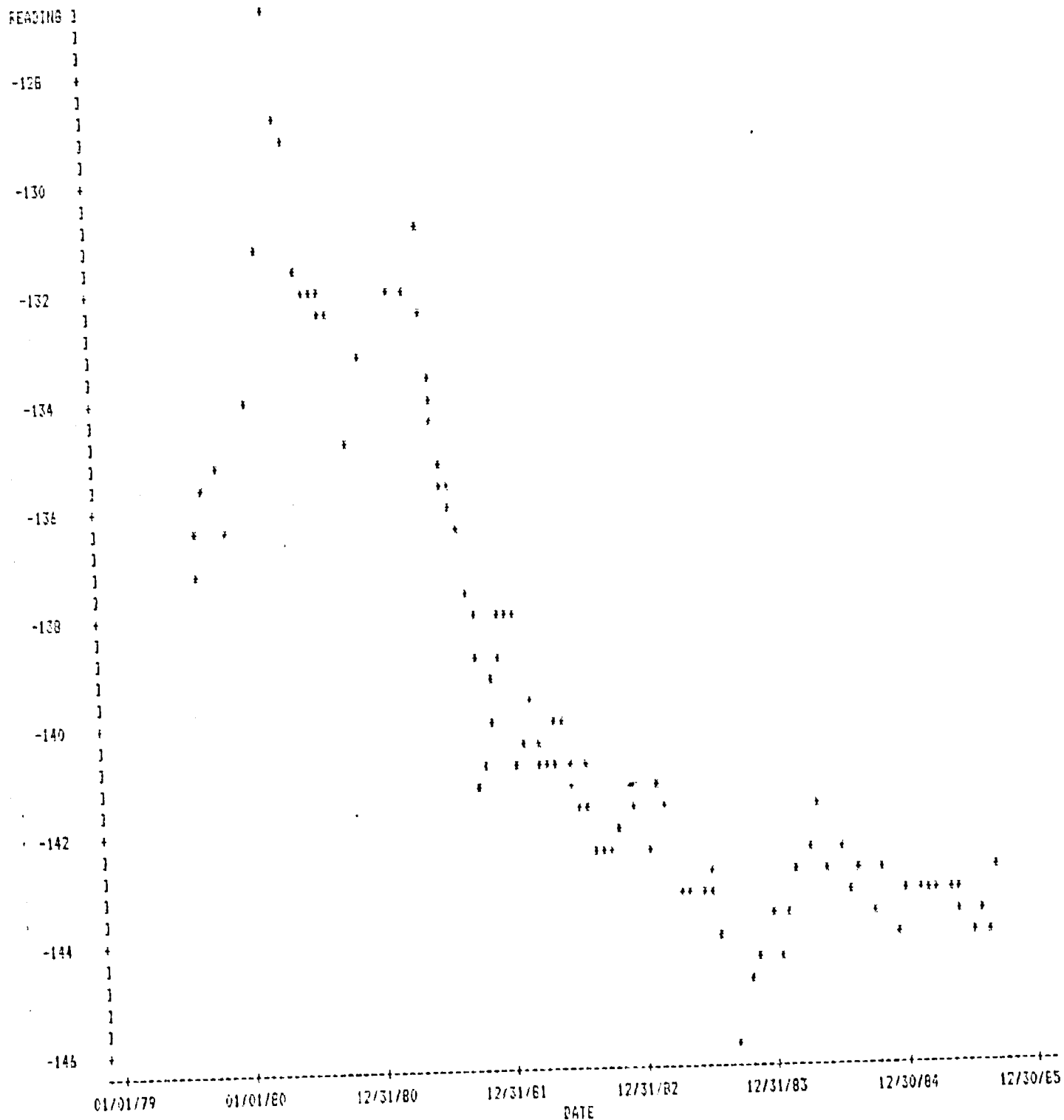
OBS WELL	LOCATION	DATE	READING
LN-79D	098N-50W-200000	08/09/82	-141.7
LN-79D	098N-50W-200000	08/22/82	-142.3
LN-79D	098N-50W-200000	09/08/82	-142.4
LN-79D	098N-50W-200000	09/24/82	-142.5
LN-79D	098N-50W-200000	10/06/82	-142.3
LN-79D	098N-50W-200000	10/22/82	-142.0
LN-79D	098N-50W-200000	11/02/82	-142.1
LN-79D	098N-50W-200000	12/02/82	-141.3
LN-79D	098N-50W-200000	12/17/82	-141.4
LN-79D	098N-50W-200000	01/18/83	-142.5
LN-79D	098N-50W-200000	02/09/83	-141.3
LN-79D	098N-50W-200000	03/01/83	-141.7
LN-79D	098N-50W-200000	04/19/83	-143.0
LN-79D	098N-50W-200000	05/17/83	-143.2
LN-79D	098N-50W-200000	06/13/83	-143.3
LN-79D	098N-50W-200000	07/12/83	-143.2
LN-79D	098N-50W-200000	07/21/83	-142.9
LN-79D	098N-50W-200000	08/08/83	-143.3
LN-79D	098N-50W-200000	09/13/83	-143.8
LN-79D	098N-50W-200000	10/19/83	-144.9
LN-79D	098N-50W-200000	11/13/83	-144.3
LN-79D	098N-50W-200000	12/26/83	-143.6
LN-79D	098N-50W-200000	01/20/84	-144.4
LN-79D	098N-50W-200000	02/07/84	-143.5
LN-79D	098N-50W-200000	02/27/84	-142.8
LN-79D	098N-50W-200000	04/12/84	-142.2
LN-79D	098N-50W-200000	05/08/84	-141.6
LN-79D	098N-50W-200000	06/05/84	-142.8
LN-79D	098N-50W-200000	07/02/84	-142.5
LN-79D	098N-50W-200000	07/30/84	-143.1
LN-79D	098N-50W-200000	08/28/84	-142.8
LN-79D	098N-50W-200000	10/03/84	-143.5
LN-79D	098N-50W-200000	11/06/84	-142.7
LN-79D	098N-50W-200000	12/03/84	-143.9
LN-79D	098N-50W-200000	01/03/85	-143.0
LN-79D	098N-50W-200000	02/06/85	-143.2
LN-79D	098N-50W-200000	03/01/85	-143.0
LN-79D	098N-50W-200000	04/02/85	-143.3
LN-79D	098N-50W-200000	04/29/85	-143.0
LN-79D	098N-50W-200000	05/21/85	-143.7
LN-79D	098N-50W-200000	06/04/85	-143.0
LN-79D	098N-50W-200000	07/05/85	-144.0
LN-79D	098N-50W-200000	08/01/85	-143.7
LN-79D	098N-50W-200000	03/20/85	-143.8
LN-79D	098N-50W-200000	09/17/85	-142.6

N=101

OBSERVATION WELL WATER LEVELS
OBS_WELL=LK-790

10:04 TUESDAY, OCTOBER 8, 1985 3

PLOT OF READING+DATE SYMBOL USED IS +



NOTE: 4 OBS HIDDEN

0050009 - END OF DATA SET

Done

G53_WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	FEADINGS
LN-79E	098N-49W-19DAAA	.	-185.3
LN-79E	098N-49W-19DAAA	09/15/79	-180.6
LN-79E	098N-49W-19DAAA	08/30/79	-181.1
LN-79E	098N-49W-19DAAA	10/16/79	-179.4
LN-79E	098N-49W-19DAAA	11/15/79	-180.5
LN-79E	098N-49W-19DAAA	01/16/80	-180.1
LN-79E	098N-49W-19DAAA	03/12/80	-179.6
LN-79E	098N-49W-19DAAA	05/20/80	-179.7
LN-79E	098N-49W-19DAAA	06/02/80	-180.0
LN-79E	098N-49W-19DAAA	06/19/80	-180.1
LN-79E	098N-49W-19DAAA	07/02/80	-180.6
LN-79E	098N-49W-19DAAA	07/16/80	-181.1
LN-79E	098N-49W-19DAAA	07/31/80	-181.5
LN-79E	098N-49W-19DAAA	08/14/80	-181.4
LN-79E	098N-49W-19DAAA	08/27/80	-181.9
LN-79E	098N-49W-19DAAA	09/05/80	-179.9
LN-79E	098N-49W-19DAAA	10/22/80	-182.0
LN-79E	098N-49W-19DAAA	12/11/80	-181.3
LN-79E	098N-49W-19DAAA	03/11/81	-182.0
LN-79E	098N-49W-19DAAA	04/20/81	-181.9
LN-79E	098N-49W-19DAAA	05/21/81	-181.3
LN-79E	098N-49W-19DAAA	06/03/81	-182.3
LN-79E	098N-49W-19DAAA	06/07/81	-182.6
LN-79E	098N-49W-19DAAA	07/01/81	-182.6
LN-79E	098N-49W-19DAAA	07/15/81	-182.5
LN-79E	098N-49W-19DAAA	07/29/81	-182.4
LN-79E	098N-49W-19DAAA	08/11/81	-181.7
LN-79E	098N-49W-19DAAA	08/30/81	-181.8
LN-79E	098N-49W-19DAAA	09/26/81	-182.6
LN-79E	098N-49W-19DAAA	10/07/81	-182.5
LN-79E	098N-49W-19DAAA	10/29/81	-182.8
LN-79E	098N-49W-19DAAA	11/18/81	-181.6
LN-79E	098N-49W-19DAAA	12/27/81	-182.0
LN-79E	098N-49W-19DAAA	02/25/82	-181.5
LN-79E	098N-49W-19DAAA	05/15/82	-180.4
LN-79E	098N-49W-19DAAA	05/31/82	-180.4
LN-79E	098N-49W-19DAAA	06/15/82	-180.4
LN-79E	098N-49W-19DAAA	06/28/82	-180.6
LN-79E	098N-49W-19DAAA	07/12/82	-180.8
LN-79E	098N-49W-19DAAA	07/26/82	-180.9
LN-79E	098N-49W-19DAAA	08/09/82	-180.8
LN-79E	098N-49W-19DAAA	08/22/82	-180.9
LN-79E	098N-49W-19DAAA	09/08/82	-180.5
LN-79E	098N-49W-19DAAA	10/05/82	-179.9
LN-79E	098N-49W-19DAAA	11/02/82	-179.9
LN-79E	098N-49W-19DAAA	12/17/82	-179.4
LN-79E	098N-49W-19DAAA	02/09/83	-178.7
LN-79E	098N-49W-19DAAA	03/01/83	-179.1
LN-79E	098N-49W-19DAAA	04/19/83	-179.3
LN-79E	098N-49W-19DAAA	05/17/83	-177.9
LN-79E	098N-49W-19DAAA	06/13/83	-178.0
LN-79E	098N-49W-19DAAA	07/12/83	-178.1
LN-79E	098N-49W-19DAAA	08/03/83	-177.9
LN-79E	098N-49W-19DAAA	08/08/83	-177.9
LN-79E	098N-49W-19DAAA	09/13/83	-178.7
LN-79E	098N-49W-19DAAA	10/18/83	-178.4

10:10 TUESDAY, OCTOBER 8, 1985 1

10:10 TUESDAY, OCTOBER 8, 1985 2

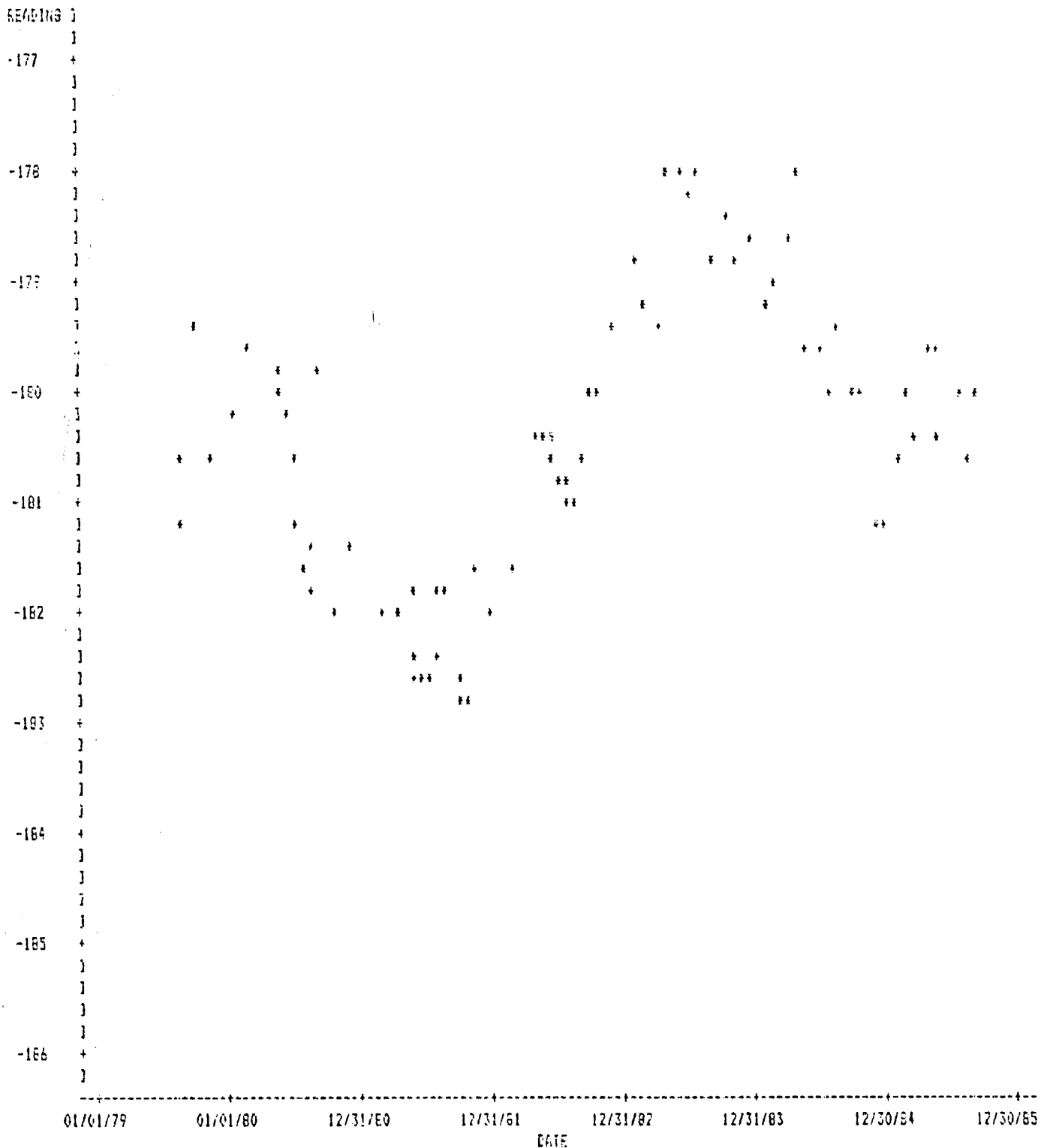
OBS_WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READINGS
LN-79E	098N-49W-19DAAA	11/15/83	-178.7
LN-79E	098N-49W-19DAAA	12/26/83	-178.5
LN-79E	098N-49W-19DAAA	02/07/84	-179.1
LN-79E	098N-49W-19DAAA	02/27/84	-178.9
LN-79E	098N-49W-19DAAA	04/12/84	-178.6
LN-79E	098N-49W-19DAAA	05/08/84	-179.0
LN-79E	098N-49W-19DAAA	06/05/84	-179.6
LN-79E	098N-49W-19DAAA	07/02/84	-179.5
LN-79E	098N-49W-19DAAA	07/30/84	-179.9
LN-79E	098N-49W-19DAAA	08/28/84	-179.4
LN-79E	098N-49W-19DAAA	10/03/84	-179.9
LN-79E	098N-49W-19DAAA	11/06/84	-179.9
LN-79E	098N-49W-19DAAA	12/03/84	-181.1
LN-79E	098N-49W-19DAAA	01/03/85	-181.1
LN-79E	098N-49W-19DAAA	02/06/85	-180.6
LN-79E	098N-49W-19DAAA	03/01/85	-179.9
LN-79E	098N-49W-19DAAA	04/02/85	-180.4
LN-79E	098N-49W-19DAAA	04/29/85	-179.6
LN-79E	098N-49W-19DAAA	05/22/85	-180.3
LN-79E	098N-49W-19DAAA	06/05/85	-179.5
LN-79E	098N-49W-19DAAA	08/01/85	-180.0
LN-79E	098N-49W-19DAAA	09/20/85	-180.5
LN-79E	098N-49W-19DAAA	09/17/85	-180.0

N=79

OBSERVATION WELL WATER LEVELS
OBS_WELL=LN-79E

10:10 TUESDAY, OCTOBER 8, 1985 3

PLOT OF READING*DATE SYMBOL USED IS +



NOTE: 1 OBS HAS MISSING VALUES OR WERE OUT OF RANGE 1 OBS HIDDEN

OBS_WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READINGS
LN-79F	097N-50W-02E88B	08/15/79	-170.0
LN-79F	097N-50W-02E88B	09/30/79	-170.5
LN-79F	097N-50W-02E88B	05/20/79	-169.9
LN-79F	097N-50W-02E88B	10/16/79	-167.7
LN-79F	097N-50W-02E88B	11/15/77	-170.8
LN-79F	097N-50W-02E88B	01/16/80	-170.3
LN-79F	097N-50W-02E88B	03/12/80	-170.5
LN-79F	097N-50W-02E88B	05/20/80	-170.3
LN-79F	097N-50W-02E88B	06/02/80	-170.1
LN-79F	097N-50W-02E88B	06/19/80	-170.4
LN-79F	097N-50W-02E88B	07/02/80	-170.5
LN-79F	097N-50W-02E88B	07/16/80	-170.6
LN-79F	097N-50W-02E88B	07/31/80	-170.7
LN-79F	097N-50W-02E88B	08/14/80	-170.7
LN-79F	097N-50W-02E88B	08/27/80	-170.8
LN-79F	097N-50W-02E88B	09/05/80	-170.6
LN-79F	097N-50W-02E88B	10/22/80	-171.5
LN-79F	097N-50W-02E88B	12/11/80	-171.2
LN-79F	097N-50W-02E88B	03/11/81	-172.0
LN-79F	097N-50W-02E88B	04/20/81	-172.5
LN-79F	097N-50W-02E88B	05/21/81	-171.8
LN-79F	097N-50W-02E88B	06/03/81	-171.9
LN-79F	097N-50W-02E88B	06/18/81	-172.0
LN-79F	097N-50W-02E88B	06/24/81	-171.7
LN-79F	097N-50W-02E88B	07/01/81	-172.0
LN-79F	097N-50W-02E88B	07/15/81	-172.0
LN-79F	097N-50W-02E88B	07/21/81	-172.4
LN-79F	097N-50W-02E88B	07/29/81	-172.1
LN-79F	097N-50W-02E88B	08/11/81	-172.2
LN-79F	097N-50W-02E88B	08/26/81	-172.5
LN-79F	097N-50W-02E88B	08/30/81	-172.0
LN-79F	097N-50W-02E88B	09/26/81	-172.6
LN-79F	097N-50W-02E88B	10/07/81	-172.4
LN-79F	097N-50W-02E88B	10/29/81	-173.0
LN-79F	097N-50W-02E88B	11/18/81	-172.0
LN-79F	097N-50W-02E88B	12/02/81	-172.8
LN-79F	097N-50W-02E88B	12/27/81	-172.8
LN-79F	097N-50W-02E88B	02/01/82	-173.0
LN-79F	097N-50W-02E88B	02/11/82	-173.1
LN-79F	097N-50W-02E88B	02/23/82	-172.6
LN-79F	097N-50W-02E88B	04/19/82	-172.8
LN-79F	097N-50W-02E88B	05/03/82	-172.7
LN-79F	097N-50W-02E88B	05/19/82	-172.8
LN-79F	097N-50W-02E88B	05/31/82	-172.9
LN-79F	097N-50W-02E88B	06/14/82	-172.7
LN-79F	097N-50W-02E88B	06/28/82	-173.0
LN-79F	097N-50W-02E88B	07/12/82	-173.0
LN-79F	097N-50W-02E88B	07/26/82	-173.2
LN-79F	097N-50W-02E88B	08/09/82	-173.4
LN-79F	097N-50W-02E88B	03/22/82	-173.4
LN-79F	097N-50W-02E88B	09/08/82	-173.1
LN-79F	097N-50W-02E88B	09/24/82	-173.2
LN-79F	097N-50W-02E88B	10/05/82	-172.9
LN-79F	097N-50W-02E88B	10/22/82	-172.7
LN-79F	097N-50W-02E88B	11/02/82	-173.1
LN-79F	097N-50W-02E88B	12/02/82	-172.2

GSS_WELL	OBSERVATION WELL WATER LEVELS		
	LOCATION	DATE	READING
LN-79F	097N-50W-02E555	12/17/82	-173.0
LN-79F	097N-50W-02E555	01/15/83	-174.2
LN-79F	097N-50W-02E555	02/09/83	-172.9
LN-79F	097N-50W-02E555	03/01/83	-173.4
LN-79F	097N-50W-02E555	03/23/83	-173.0
LN-79F	097N-50W-02E555	04/19/83	-173.1
LN-79F	097N-50W-02E555	05/17/83	-173.0
LN-79F	097N-50W-02E555	05/20/83	-173.3
LN-79F	097N-50W-02E555	05/13/83	-173.0
LN-79F	097N-50W-02E555	07/12/83	-173.0
LN-79F	097N-50W-02E555	08/08/83	-177.2
LN-79F	097N-50W-02E555	09/13/83	-174.0
LN-79F	097N-50W-02E555	10/16/83	-174.0
LN-79F	097N-50W-02E555	11/15/83	-174.2
LN-79F	097N-50W-02E555	12/26/83	-177.5
LN-79F	097N-50W-02E555	02/07/84	-183.1
LN-79F	097N-50W-02E555	02/27/84	-183.8
LN-79F	097N-50W-02E555	04/12/84	-185.5
LN-79F	097N-50W-02E555	05/09/84	-187.7
LN-79F	097N-50W-02E555	06/05/84	-188.9
LN-79F	097N-50W-02E555	07/03/84	-189.8
LN-79F	097N-50W-02E555	07/30/84	-190.0
LN-79F	097N-50W-02E555	08/26/84	-189.9
LN-79F	097N-50W-02E555	10/03/84	-189.8
LN-79F	097N-50W-02E555	11/06/84	-192.0
LN-79F	097N-50W-02E555	12/03/84	-189.3
LN-79F	097N-50W-02E555	01/03/85	-190.3
LN-79F	097N-50W-02E555	02/06/85	-191.3
LN-79F	097N-50W-02E555	03/01/85	-191.2
LN-79F	097N-50W-02E555	04/02/85	-192.4
LN-79F	097N-50W-02E555	04/29/85	-191.7
LN-79F	097N-50W-02E555	05/21/85	-193.1
LN-79F	097N-50W-02E555	06/04/85	-192.5
LN-79F	097N-50W-02E555	07/05/85	-195.7
LN-79F	097N-50W-02E555	08/01/85	-193.7
LN-79F	097N-50W-02E555	08/20/85	-194.7
LN-79F	097N-50W-02E555	09/17/85	-193.5

N=93

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The scatter plot displays the following data points (approximate values):

DATE	READING
01/01/79	-170.0
01/01/80	-170.0
01/01/81	-170.0
01/01/82	-170.0
01/01/83	-170.0
01/01/84	-170.0
01/01/85	-170.0
01/01/86	-170.0
01/01/87	-170.0
01/01/88	-170.0
01/01/89	-170.0
01/01/90	-170.0
01/01/91	-170.0
01/01/92	-170.0
01/01/93	-170.0
01/01/94	-170.0
01/01/95	-170.0
01/01/96	-170.0
01/01/97	-170.0
01/01/98	-170.0
01/01/99	-170.0
01/01/00	-170.0
01/01/01	-170.0
01/01/02	-170.0
01/01/03	-170.0
01/01/04	-170.0
01/01/05	-170.0
01/01/06	-170.0
01/01/07	-170.0
01/01/08	-170.0
01/01/09	-170.0
01/01/10	-170.0
01/01/11	-170.0
01/01/12	-170.0
01/01/13	-170.0
01/01/14	-170.0
01/01/15	-170.0
01/01/16	-170.0
01/01/17	-170.0
01/01/18	-170.0
01/01/19	-170.0
01/01/20	-170.0
01/01/21	-170.0
01/01/22	-170.0
01/01/23	-170.0
01/01/24	-170.0
01/01/25	-170.0
01/01/26	-170.0
01/01/27	-170.0
01/01/28	-170.0
01/01/29	-170.0
01/01/30	-170.0
01/01/31	-170.0
01/01/32	-170.0
01/01/33	-170.0
01/01/34	-170.0
01/01/35	-170.0
01/01/36	-170.0
01/01/37	-170.0
01/01/38	-170.0
01/01/39	-170.0
01/01/40	-170.0
01/01/41	-170.0
01/01/42	-170.0
01/01/43	-170.0
01/01/44	-170.0
01/01/45	-170.0
01/01/46	-170.0
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01/01/67	-170.0
01/01/68	-170.0
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01/01/71	-170.0
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01/01/73	-170.0
01/01/74	-170.0
01/01/75	-170.0
01/01/76	-170.0
01/01/77	-170.0
01/01/78	-170.0
01/01/79	-170.0
01/01/80	-170.0
01/01/81	-170.0
01/01/82	-170.0
01/01/83	-170.0
01/01/84	-170.0
01/01/85	-170.0
01/01/86	-170.0
01/01/87	-170.0
01/01/88	-170.0
01/01/89	-170.0
01/01/90	-170.0
01/01/91	-170.0
01/01/92	-170.0
01/01/93	-170.0
01/01/94	-170.0
01/01/95	-170.0
01/01/96	-170.0
01/01/97	-170.0
01/01/98	-170.0
01/01/99	-170.0
01/01/00	-170.0
01/01/01	-170.0

NOTE: 10 OBS HIDDEN

OBS_WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READING
LN-796	097N-50W-17CCCC	08/16/79	-176.7
LN-796	097N-50W-17CCCC	09/20/79	-176.5
LN-796	097N-50W-17CCCC	10/17/79	-176.2
LN-796	097N-50W-17CCCC	11/15/79	-177.3
LN-796	097N-50W-17CCCC	01/16/80	-177.1
LN-796	097N-50W-17CCCC	03/12/80	-177.0
LN-796	097N-50W-17CCCC	05/07/80	-176.6
LN-796	097N-50W-17CCCC	05/20/80	-177.1
LN-796	097N-50W-17CCCC	06/02/80	-177.0
LN-796	097N-50W-17CCCC	06/19/80	-177.3
LN-796	097N-50W-17CCCC	07/02/80	-177.6
LN-796	097N-50W-17CCCC	07/16/80	-177.6
LN-796	097N-50W-17CCCC	07/31/80	-177.6
LN-796	097N-50W-17CCCC	08/14/80	-177.8
LN-796	097N-50W-17CCCC	08/27/80	-177.8
LN-796	097N-50W-17CCCC	09/05/80	-176.9
LN-796	097N-50W-17CCCC	10/22/80	-178.6
LN-796	097N-50W-17CCCC	12/11/80	-178.6
LN-796	097N-50W-17CCCC	03/11/81	-176.4
LN-796	097N-50W-17CCCC	04/20/81	-179.5
LN-796	097N-50W-17CCCC	05/21/81	-176.6
LN-796	097N-50W-17CCCC	06/03/81	-178.9
LN-796	097N-50W-17CCCC	06/18/81	-177.0
LN-796	097N-50W-17CCCC	07/01/81	-177.0
LN-796	097N-50W-17CCCC	07/15/81	-179.0
LN-796	097N-50W-17CCCC	08/11/81	-179.2
LN-796	097N-50W-17CCCC	08/26/81	-179.6
LN-796	097N-50W-17CCCC	09/30/81	-179.1
LN-796	097N-50W-17CCCC	09/26/81	-180.0
LN-796	097N-50W-17CCCC	10/07/81	-177.3
LN-796	097N-50W-17CCCC	10/14/81	-179.3
LN-796	097N-50W-17CCCC	10/28/81	-180.7
LN-796	097N-50W-17CCCC	11/10/81	-180.2
LN-796	097N-50W-17CCCC	11/17/81	-180.2
LN-796	097N-50W-17CCCC	12/02/81	-180.7
LN-796	097N-50W-17CCCC	12/16/81	-180.0
LN-796	097N-50W-17CCCC	12/27/81	-180.7
LN-796	097N-50W-17CCCC	01/13/82	-179.6
LN-796	097N-50W-17CCCC	02/01/82	-180.6
LN-796	097N-50W-17CCCC	02/11/82	-181.0
LN-796	097N-50W-17CCCC	02/23/82	-181.1
LN-796	097N-50W-17CCCC	03/17/82	-179.3
LN-796	097N-50W-17CCCC	04/06/82	-180.8
LN-796	097N-50W-17CCCC	04/17/82	-180.9
LN-796	097N-50W-17CCCC	05/03/82	-181.0
LN-796	097N-50W-17CCCC	05/19/82	-180.9
LN-796	097N-50W-17CCCC	05/31/82	-181.0
LN-796	097N-50W-17CCCC	06/14/82	-180.8
LN-796	097N-50W-17CCCC	06/28/82	-181.2
LN-796	097N-50W-17CCCC	07/12/82	-181.2
LN-796	097N-50W-17CCCC	07/26/82	-181.5
LN-796	097N-50W-17CCCC	08/09/82	-181.8
LN-796	097N-50W-17CCCC	08/22/82	-181.3
LN-796	097N-50W-17CCCC	09/08/82	-181.4
LN-796	097N-50W-17CCCC	09/24/82	-181.4
LN-796	097N-50W-17CCCC	10/05/82	-181.2

10:30 TUESDAY, OCTOBER 8, 1985 2

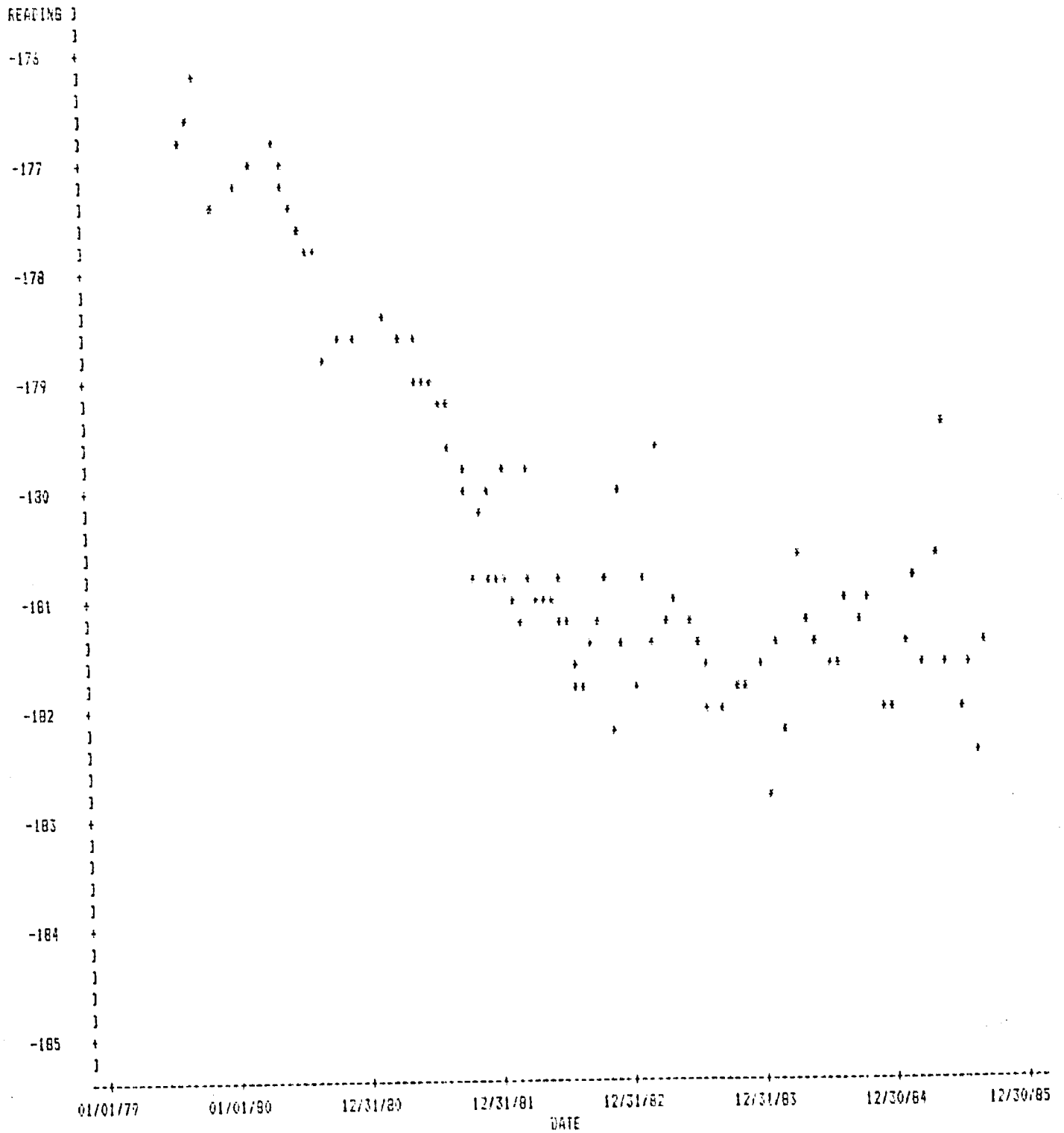
OBS_WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READING
LN-798	097N-50W-17CCCC	10/22/82	-180.6
LN-798	097N-50W-17CCCC	11/08/82	-182.1
LN-798	097N-50W-17CCCC	12/02/82	-179.9
LN-798	097N-50W-17CCCC	12/17/82	-181.4
LN-798	097N-50W-17CCCC	01/15/83	-181.6
LN-798	097N-50W-17CCCC	02/09/83	-180.7
LN-798	097N-50W-17CCCC	03/01/83	-181.3
LN-798	097N-50W-17CCCC	03/23/83	-179.5
LN-798	097N-50W-17CCCC	04/19/83	-181.1
LN-798	097N-50W-17CCCC	05/17/83	-181.0
LN-798	097N-50W-17CCCC	06/13/83	-181.2
LN-798	097N-50W-17CCCC	07/12/83	-181.4
LN-798	097N-50W-17CCCC	08/03/83	-181.5
LN-798	097N-50W-17CCCC	08/08/83	-182.0
LN-798	097N-50W-17CCCC	09/13/83	-182.0
LN-798	097N-50W-17CCCC	10/18/83	-181.9
LN-798	097N-50W-17CCCC	11/15/83	-181.8
LN-798	097N-50W-17CCCC	12/26/83	-181.5
LN-798	097N-50W-17CCCC	01/20/84	-182.8
LN-798	097N-50W-17CCCC	02/07/84	-181.3
LN-798	097N-50W-17CCCC	02/27/84	-182.1
LN-798	097N-50W-17CCCC	04/12/84	-180.6
LN-798	097N-50W-17CCCC	05/08/84	-181.1
LN-798	097N-50W-17CCCC	06/05/84	-181.3
LN-798	097N-50W-17CCCC	07/03/84	-181.5
LN-798	097N-50W-17CCCC	07/30/84	-181.6
LN-798	097N-50W-17CCCC	08/28/84	-180.9
LN-798	097N-50W-17CCCC	10/03/84	-181.2
LN-798	097N-50W-17CCCC	11/05/84	-180.9
LN-798	097N-50W-17CCCC	12/03/84	-182.0
LN-798	097N-50W-17CCCC	01/03/85	-181.7
LN-798	097N-50W-17CCCC	02/05/85	-181.4
LN-798	097N-50W-17CCCC	03/01/85	-180.8
LN-798	097N-50W-17CCCC	04/02/85	-181.5
LN-798	097N-50W-17CCCC	04/29/85	-180.6
LN-798	097N-50W-17CCCC	05/21/85	-181.5
LN-798	097N-50W-17CCCC	06/05/85	-179.3
LN-798	097N-50W-17CCCC	07/05/85	-182.0
LN-798	097N-50W-17CCCC	08/01/85	-181.6
LN-798	097N-50W-17CCCC	08/21/85	-182.3
LN-798	097N-50W-17CCCC	09/17/85	-181.3

N=97

OBSERVATION WELL WATER LEVELS
OBS_WELL=LN-795

10:30 TUESDAY, OCTOBER 8, 1985 3

PLOT OF READING*DATE SYMBOL USED 15 *



NOTE: 7 OBS HIDDEN

10:49 TUESDAY, OCTOBER 8, 1985 1

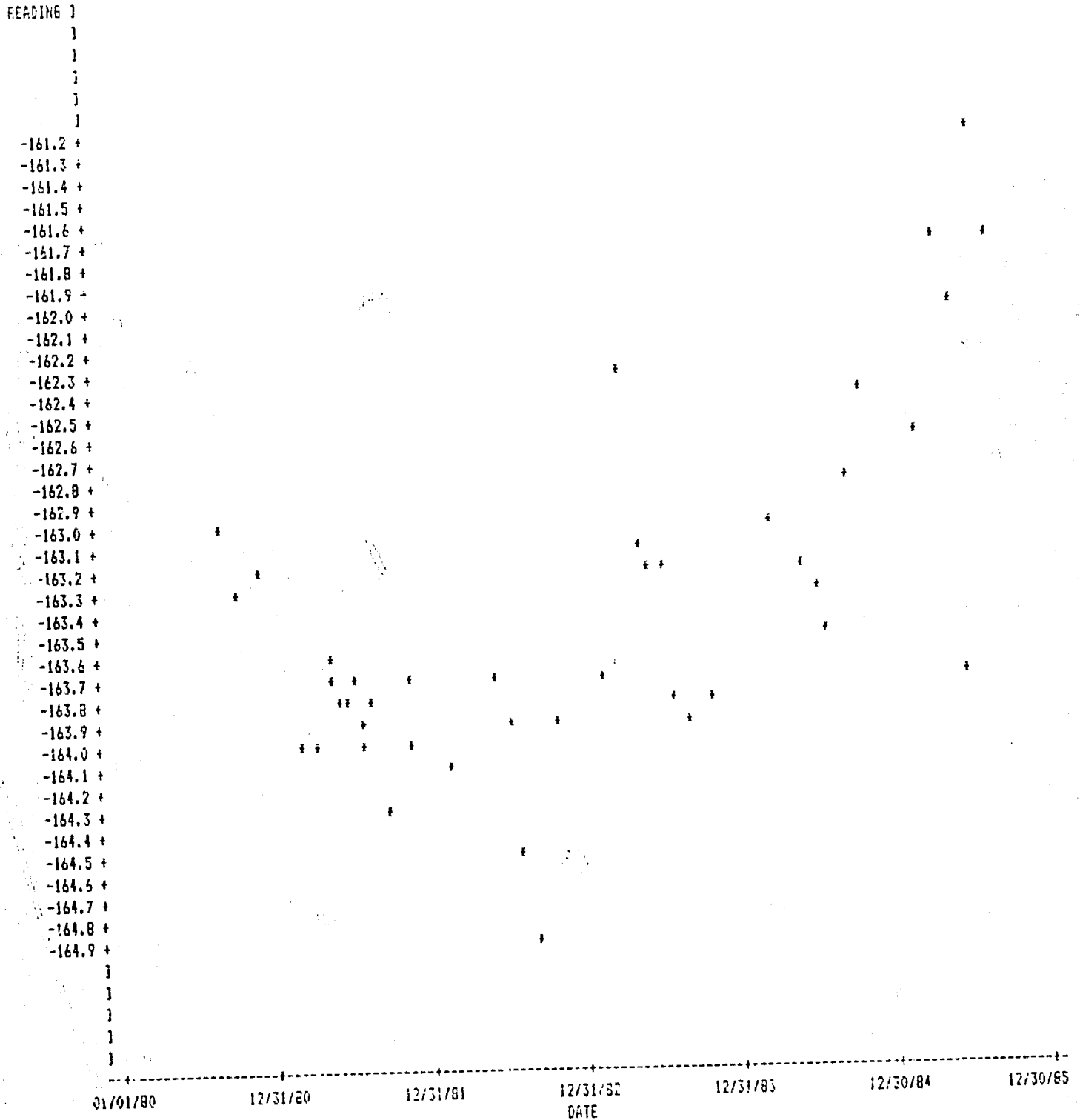
GES_WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READING
LN-B0E	099N-50W-170000	1 09/04/80	-163.0
LN-B0E	099N-50W-170000	1 10/22/80	-163.3
LN-B0E	099N-50W-170000	1 12/11/80	-163.2
LN-B0E	099N-50W-170000	1 03/11/81	-164.0
LN-B0E	099N-50W-170000	1 04/20/81	-164.0
LN-B0E	099N-50W-170000	1 05/21/81	-163.6
LN-B0E	099N-50W-170000	1 06/03/81	-163.7
LN-B0E	099N-50W-170000	1 06/18/81	-163.8
LN-B0E	099N-50W-170000	1 07/01/81	-163.8
LN-B0E	099N-50W-170000	1 07/15/81	-163.7
LN-B0E	099N-50W-170000	1 07/27/81	-163.9
LN-B0E	099N-50W-170000	1 08/11/81	-164.0
LN-B0E	099N-50W-170000	1 08/30/81	-163.8
LN-B0E	099N-50W-170000	1 09/26/81	-164.3
LN-B0E	099N-50W-170000	1 11/17/81	-163.7
LN-B0E	099N-50W-170000	1 12/02/81	-164.0
LN-B0E	099N-50W-170000	1 02/25/82	-164.1
LN-B0E	099N-50W-170000	1 06/14/82	-163.7
LN-B0E	099N-50W-170000	1 07/12/82	-163.9
LN-B0E	099N-50W-170000	1 08/09/82	-164.5
LN-B0E	099N-50W-170000	1 09/08/82	-164.9
LN-B0E	099N-50W-170000	1 11/02/82	-163.9
LN-B0E	099N-50W-170000	1 03/01/83	-163.7
LN-B0E	099N-50W-170000	1 04/18/83	-162.3
LN-B0E	099N-50W-170000	1 05/17/83	-163.1
LN-B0E	099N-50W-170000	1 05/30/83	-163.1
LN-B0E	099N-50W-170000	1 06/13/83	-163.2
LN-B0E	099N-50W-170000	1 07/12/83	-163.2
LN-B0E	099N-50W-170000	1 08/08/83	-163.8
LN-B0E	099N-50W-170000	1 09/13/83	-163.9
LN-B0E	099N-50W-170000	1 11/15/83	-163.6
LN-B0E	099N-50W-170000	1 04/09/84	-163.0
LN-B0E	099N-50W-170000	1 06/19/84	-163.2
LN-B0E	099N-50W-170000	1 07/17/84	-163.3
LN-B0E	099N-50W-170000	1 08/13/84	-163.3
LN-B0E	099N-50W-170000	1 10/03/84	-162.8
LN-B0E	099N-50W-170000	1 11/06/84	-162.4
LN-B0E	099N-50W-170000	1 03/20/85	-162.6
LN-B0E	099N-50W-170000	1 04/29/85	-161.7
LN-B0E	099N-50W-170000	1 06/05/85	-162.0
LN-B0E	099N-50W-170000	1 07/05/85	-163.7
LN-B0E	099N-50W-170000	1 08/01/85	-161.2
LN-B0E	099N-50W-170000	1 09/17/85	-161.7

N=43

OBSERVATION WELL WATER LEVELS
OBS_WELL=LN-01E

10:49 TUESDAY, OCTOBER 5, 1985 2

PLOT OF READING*DATE SYMBOL USED 'S'



NOTE: ! OBS HIDDEN

0050009 - END OF DATA SET

10:57 TUESDAY, OCTOBER 8, 1985 1

OBS_WELL	LOCATION	DATE	READING
LN-80F	099N-49W-21B55B	10/22/80	-207.6
LN-80F	099N-49W-21B55B	12/11/80	-207.9
LN-80F	099N-49W-21B55B	03/11/81	-207.1
LN-80F	099N-49W-21B55B	04/20/81	-208.1
LN-80F	099N-49W-21B55B	05/21/81	-207.8
LN-80F	099N-49W-21B55B	06/03/81	-207.8
LN-80F	099N-49W-21B55B	07/01/81	-208.1
LN-80F	099N-49W-21B55B	07/15/81	-208.0
LN-80F	099N-49W-21B55B	07/29/81	-208.2
LN-80F	099N-49W-21B55B	08/11/81	-208.3
LN-80F	099N-49W-21B55B	08/30/81	-208.2
LN-80F	099N-49W-21B55B	09/26/81	-208.9
LN-80F	099N-49W-21B55B	11/17/81	-208.1
LN-80F	099N-49W-21B55B	02/25/82	-209.1
LN-80F	099N-49W-21B55B	06/14/82	-208.7
LN-80F	099N-49W-21B55B	07/12/82	-208.8
LN-80F	099N-49W-21B55B	08/05/82	-209.1
LN-80F	099N-49W-21B55B	09/08/82	-208.9
LN-80F	099N-49W-21B55B	11/02/82	-208.8
LN-80F	099N-49W-21B55B	03/01/83	-209.0
LN-80F	099N-49W-21B55B	04/19/83	-208.4
LN-80F	099N-49W-21B55B	05/17/83	-208.3
LN-80F	099N-49W-21B55B	06/13/83	-208.0
LN-80F	099N-49W-21B55B	07/12/83	-209.2
LN-80F	099N-49W-21B55B	08/08/83	-208.3
LN-80F	099N-49W-21B55B	08/09/83	-208.2
LN-80F	099N-49W-21B55B	09/12/83	-208.9
LN-80F	099N-49W-21B55B	11/15/83	-209.1
LN-80F	099N-49W-21B55B	04/12/84	-208.2
LN-80F	099N-49W-21B55B	05/08/84	-208.5
LN-80F	099N-49W-21B55B	06/04/84	-207.7
LN-80F	099N-49W-21B55B	07/02/84	-208.9
LN-80F	099N-49W-21B55B	07/30/84	-209.0
LN-80F	099N-49W-21B55B	08/28/84	-208.9
LN-80F	099N-49W-21B55B	10/03/84	-208.6
LN-80F	099N-49W-21B55B	11/06/84	-208.3
LN-80F	099N-49W-21B55B	03/19/85	-209.4
LN-80F	099N-49W-21B55B	04/29/85	-209.4
LN-80F	099N-49W-21B55B	05/22/85	-209.5
LN-80F	099N-49W-21B55B	06/04/85	-210.0
LN-80F	099N-49W-21B55B	07/05/85	-211.3
LN-80F	099N-49W-21B55B	08/20/85	-207.4

OBSERVATION WELL WATER LEVELS
OBS_WELL=LN-B0F

10:57 TUESDAY, OCTOBER 8, 1985 2

PLOT OF READING*DATE SYMBOL USED IS *

READING

1
1
-207.1 +
-207.2 +
-207.3 +
-207.4 +
-207.5 +
-207.6 +
-207.7 +
-207.8 +
-207.9 +
-208.0 +
-208.1 +
-208.2 +
-208.3 +
-208.4 +
-208.5 +
-208.6 +
-208.7 +
-208.8 +
-208.9 +
-209.0 +
-209.1 +
-209.2 +
-209.3 +
-209.4 +
-209.5 +
-209.6 +
-209.7 +
-209.8 +
-209.9 +
-210.0 +
-210.1 +
-210.2 +
-210.3 +
-210.4 +
-210.5 +
-210.6 +
-210.7 +
-210.8 +
-210.9 +
-211.0 +
-211.1 +
-211.2 +
-211.3 +

1
1
1
01/01/80 12/31/80 12/31/81 12/31/82 12/31/83 12/30/84 12/30/85
DATE

NOTE: 1 OBS HIDDEN

0550009 - END OF DATA SET

11:02 TUESDAY, OCTOBER 6, 1985 1

OBS_WELL	OBSERVATION WELL WATER LEVELS LOCATION	DATE	READING
LN-80H	099N-484-160000	09/04/80	-86.2
LN-80H	099N-484-160000	03/11/81	-86.5
LN-80H	099N-484-160000	04/20/81	-85.5
LN-80H	099N-484-160000	05/21/81	-85.2
LN-80H	099N-484-160000	06/03/81	-86.3
LN-80H	099N-484-160000	06/19/81	-86.3
LN-80H	099N-484-160000	07/01/81	-86.5
LN-80H	099N-484-160000	07/15/81	-86.7
LN-80H	099N-484-160000	07/29/81	-86.9
LN-80H	099N-484-160000	08/11/81	-86.9
LN-80H	099N-484-160000	08/30/81	-86.9
LN-80H	099N-484-160000	09/26/81	-87.0
LN-80H	099N-484-160000	11/17/81	-87.1
LN-80H	099N-484-160000	02/25/82	-87.1
LN-80H	099N-484-160000	05/15/82	-86.9
LN-80H	099N-484-160000	07/12/82	-87.4
LN-80H	099N-484-160000	08/09/82	-87.9
LN-80H	099N-484-160000	09/08/82	-87.4
LN-80H	099N-484-160000	11/02/82	-86.5
LN-80H	099N-484-160000	03/01/83	-86.2
LN-80H	099N-484-160000	05/18/83	-85.7
LN-80H	099N-484-160000	06/14/83	-85.9
LN-80H	099N-484-160000	07/12/83	-85.8
LN-80H	099N-484-160000	08/09/83	-85.2
LN-80H	099N-484-160000	10/18/83	-86.3
LN-80H	099N-484-160000	11/15/83	-85.2
LN-80H	099N-484-160000	04/12/84	-84.7
LN-80H	099N-484-160000	05/08/84	-85.0
LN-80H	099N-484-160000	06/04/84	-85.2
LN-80H	099N-484-160000	07/02/84	-84.9
LN-80H	099N-484-160000	07/30/84	-85.5
LN-80H	099N-484-160000	08/28/84	-85.7
LN-80H	099N-484-160000	10/02/84	-85.9
LN-80H	099N-484-160000	11/08/84	-85.5
LN-80H	099N-484-160000	03/19/85	-85.9
LN-80H	099N-484-160000	05/21/85	-85.3
LN-80H	099N-484-160000	06/04/85	-85.6
LN-80H	099N-484-160000	08/01/85	-85.6
LN-80H	099N-484-160000	08/20/85	-85.7

N=39

OBSERVATION WELL WATER LEVELS
OBS_WELL=LN-BON

11:02 TUESDAY, OCTOBER 2, 1985 2

PLOT OF READINGS+DATE SYMBOL USED IS +

READINGS 1

1
1
-83.6 +
-83.7 +
-83.8 +
-83.9 +
-84.0 +
-84.1 +
-84.2 +
-84.3 +
-84.4 +
-84.5 +
-84.6 +
-84.7 +
-84.8 +
-84.9 +
-85.0 +
-85.1 +
-85.2 +
-85.3 +
-85.4 +
-85.5 +
-85.6 +
-85.7 +
-85.8 +
-85.9 +
-86.0 +
-86.1 +
-86.2 +
-86.3 +
-86.4 +
-86.5 +
-86.6 +
-86.7 +
-86.8 +
-86.9 +
-87.0 +
-87.1 +
-87.2 +
-87.3 +
-87.4 +
-87.5 +
-87.6 +
-87.7 +
-87.8 +
-87.9 +

01/01/80 12/31/80 12/31/81 12/31/82 12/31/83 12/30/84 12/30/85
DATE

NOTE: 1 OBS HIDDEN

UDS0009 - END LF DATA SET

11:14 TUESDAY, OCTOBER 8, 1985 1

OBS_WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	FLOODING
LN-801	098N-51W-01E88B	09/05/80	-116.3
LN-801	098N-51W-01E88B	10/22/80	-117.3
LN-801	098N-51W-01E88B	12/11/80	-116.8
LN-801	098N-51W-01E88B	03/11/81	-116.9
LN-801	098N-51W-01E88B	04/20/81	-116.1
LN-801	098N-51W-01E88B	05/21/81	-116.2
LN-801	098N-51W-01E88B	05/03/81	-116.1
LN-801	098N-51W-01E88B	05/13/81	-116.2
LN-801	098N-51W-01E88B	07/01/81	-116.2
LN-801	098N-51W-01E88B	07/13/81	-116.2
LN-801	098N-51W-01E88B	07/27/81	-116.4
LN-801	098N-51W-01E88B	08/11/81	-116.7
LN-801	098N-51W-01E88B	08/30/81	-116.6
LN-801	098N-51W-01E88B	09/26/81	-116.6
LN-801	098N-51W-01E88B	10/23/81	-116.6
LN-801	098N-51W-01E88B	11/10/81	-116.3
LN-801	098N-51W-01E88B	11/17/81	-116.6
LN-801	098N-51W-01E88B	12/02/81	-116.5
LN-801	098N-51W-01E88B	12/15/81	-116.4
LN-801	098N-51W-01E88B	12/26/81	-116.7
LN-801	098N-51W-01E88B	01/13/82	-116.2
LN-801	098N-51W-01E88B	02/01/82	-116.9
LN-801	098N-51W-01E88B	02/11/82	-116.7
LN-801	098N-51W-01E88B	02/23/82	-112.5
LN-801	098N-51W-01E88B	03/17/82	-112.2
LN-801	098N-51W-01E88B	04/06/82	-112.5
LN-801	098N-51W-01E88B	05/03/82	-112.4
LN-801	098N-51W-01E88B	05/19/82	-112.4
LN-801	098N-51W-01E88B	05/31/82	-112.2
LN-801	098N-51W-01E88B	06/14/82	-112.2
LN-801	098N-51W-01E88B	06/28/82	-112.2
LN-801	098N-51W-01E88B	07/12/82	-112.3
LN-801	098N-51W-01E88B	07/26/82	-112.5
LN-801	098N-51W-01E88B	08/09/82	-112.6
LN-801	098N-51W-01E88B	08/22/82	-112.6
LN-801	098N-51W-01E88B	09/08/82	-113.2
LN-801	098N-51W-01E88B	09/24/82	-113.9
LN-801	098N-51W-01E88B	10/05/82	-112.7
LN-801	098N-51W-01E88B	10/22/82	-112.9
LN-801	098N-51W-01E88B	11/02/82	-112.6
LN-801	098N-51W-01E88B	12/02/82	-112.6
LN-801	098N-51W-01E88B	12/16/82	-112.9
LN-801	098N-51W-01E88B	01/18/83	-113.6
LN-801	098N-51W-01E88B	02/09/83	-112.0
LN-801	098N-51W-01E88B	03/01/83	-111.5
LN-801	098N-51W-01E88B	03/23/83	-111.2
LN-801	098N-51W-01E88B	04/19/83	-111.2
LN-801	098N-51W-01E88B	05/17/83	-111.4
LN-801	098N-51W-01E88B	05/13/83	-111.4
LN-801	098N-51W-01E88B	07/12/83	-111.4
LN-801	098N-51W-01E88B	07/19/83	-111.6
LN-801	098N-51W-01E88B	08/08/83	-109.8
LN-801	098N-51W-01E88B	09/13/83	-110.2
LN-801	098N-51W-01E88B	11/15/83	-110.6
LN-801	098N-51W-01E88B	12/16/83	-109.8
LN-801	098N-51W-01E88B	01/20/84	-111.1

11:14 TUESDAY, OCTOBER 8, 1985

2

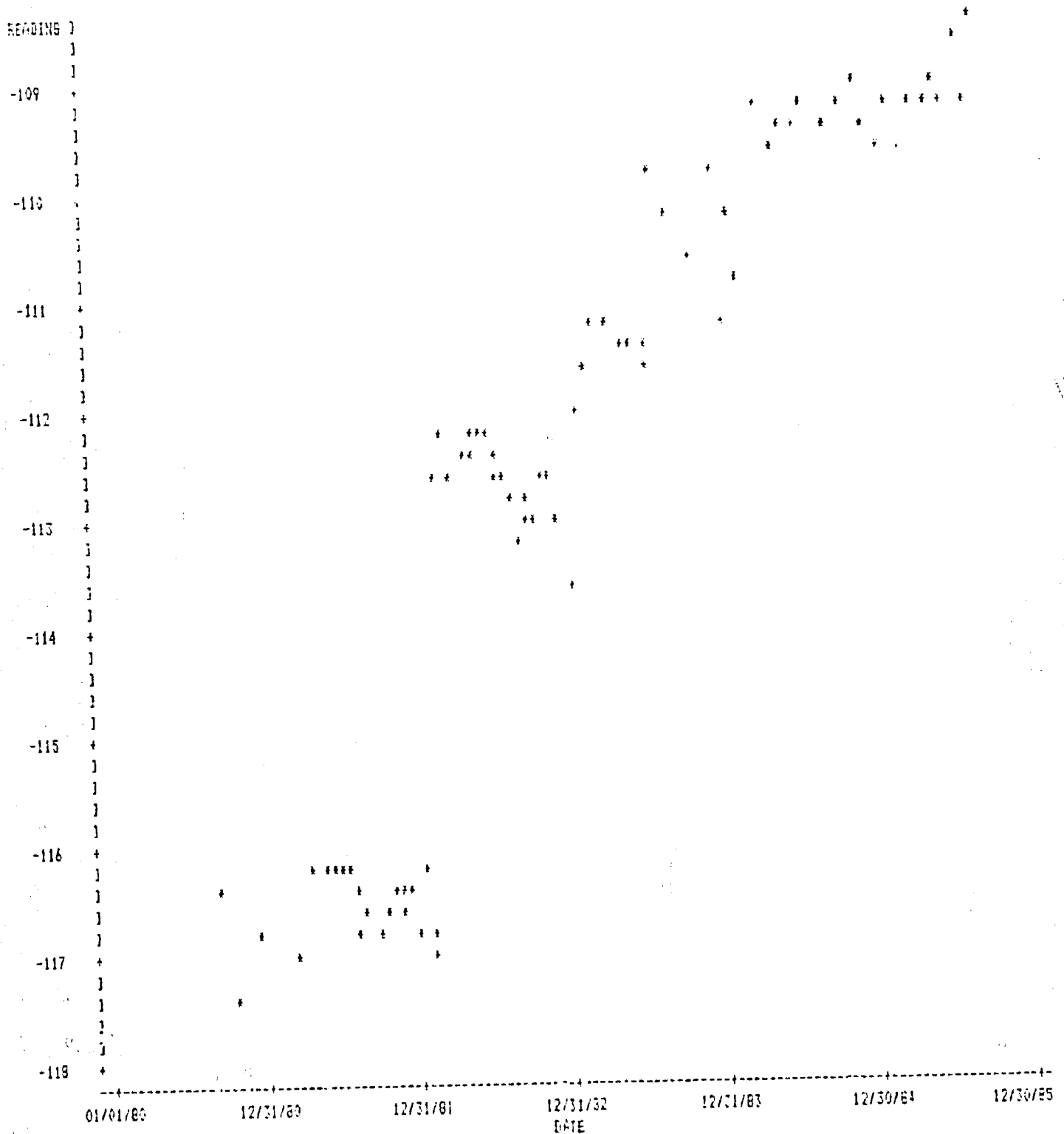
WELL	LOCATION	DATE	READING
LN-801	092N-51W-01B5E5	02/08/84	-110.1
LN-801	092N-51W-01B5E2	02/27/84	-110.5
LN-801	092N-51W-01B5E1	04/12/84	-109.1
LN-801	092N-51W-01B5E2	05/22/84	-109.6
LN-801	092N-51W-01B5E2	05/19/84	-109.4
LN-801	092N-51W-01B5E2	07/17/84	-109.3
LN-801	092N-51W-01B5E2	08/13/84	-109.1
LN-801	092N-51W-01B5E2	10/03/84	-109.4
LN-801	092N-51W-01B5E2	11/05/84	-109.1
LN-801	092N-51W-01B5E2	12/03/84	-109.0
LN-801	092N-51W-01B5E2	01/03/85	-109.4
LN-801	092N-51W-01B5E2	02/06/85	-109.5
LN-801	092N-51W-01B5E2	03/01/85	-109.1
LN-801	092N-51W-01B5E2	04/22/85	-109.2
LN-801	092N-51W-01B5E2	05/22/85	-109.1
LN-801	092N-51W-01B5E2	06/05/85	-108.9
LN-801	092N-51W-01B5E2	07/05/85	-109.1
LN-801	092N-51W-01B5E2	08/01/85	-108.5
LN-801	092N-51W-01B5E2	08/21/85	-109.2
LN-801	092N-51W-01B5E2	09/17/85	-109.3

N=76

OBSERVATION WELL WATER LEVELS
 OBS_WELL=L4-301

11:14 TUESDAY, OCTOBER 8, 1985 3

PLOT OF READING*DATE SYMBOL USED IS *



NOTE: 1 OBS HILLEN

UD50009 - END OF DATA SET

11:21 TUESDAY, OCTOBER 8, 1985 1

DES_WELL	OBSERVATION WELL WATER LEVELS LOCATION	DATE	READING
LN-80J	098N-50W-01BEEB	09/05/80	-171.9
LN-80J	098N-50W-01BEEB	10/22/80	-174.2
LN-80J	098N-50W-01BEEB	12/11/80	-172.1
LN-80J	098N-50W-01BEEB	03/11/81	-173.1
LN-80J	098N-50W-01BEEB	04/20/81	-173.1
LN-80J	098N-50W-01BEEB	05/21/81	-172.7
LN-80J	098N-50W-01BEEB	06/03/81	-173.0
LN-80J	098N-50W-01BEEB	06/18/81	-173.0
LN-80J	098N-50W-01BEEB	07/01/81	-173.2
LN-80J	098N-50W-01BEEB	07/15/81	-173.1
LN-80J	098N-50W-01BEEB	07/29/81	-173.4
LN-80J	098N-50W-01BEEB	08/11/81	-173.5
LN-80J	098N-50W-01BEEB	08/29/81	-173.3
LN-80J	098N-50W-01BEEB	09/25/81	-174.1
LN-80J	098N-50W-01BEEB	10/23/81	-174.6
LN-80J	098N-50W-01BEEB	11/10/81	-174.1
LN-80J	098N-50W-01BEEB	11/17/81	-174.0
LN-80J	098N-50W-01BEEB	12/15/81	-174.0
LN-80J	098N-50W-01BEEB	12/27/81	-174.7
LN-80J	098N-50W-01BEEB	01/12/82	-173.8
LN-80J	098N-50W-01BEEB	02/01/82	-175.1
LN-80J	098N-50W-01BEEB	02/11/82	-175.1
LN-80J	098N-50W-01BEEB	02/25/82	-175.2
LN-80J	098N-50W-01BEEB	03/17/82	-174.2
LN-80J	098N-50W-01BEEB	04/08/82	-174.8
LN-80J	098N-50W-01BEEB	04/19/82	-175.0
LN-80J	098N-50W-01BEEB	05/03/82	-175.0
LN-80J	098N-50W-01BEEB	05/19/82	-175.3
LN-80J	098N-50W-01BEEB	05/31/82	-175.5
LN-80J	098N-50W-01BEEB	06/14/82	-175.3
LN-80J	098N-50W-01BEEB	06/28/82	-175.5
LN-80J	098N-50W-01BEEB	07/12/82	-175.7
LN-80J	098N-50W-01BEEB	07/26/82	-175.9
LN-80J	098N-50W-01BEEB	08/09/82	-176.1
LN-80J	098N-50W-01BEEB	08/22/82	-176.2
LN-80J	098N-50W-01BEEB	09/08/82	-175.1
LN-80J	098N-50W-01BEEB	09/24/82	-176.2
LN-80J	098N-50W-01BEEB	10/06/82	-175.8
LN-80J	098N-50W-01BEEB	10/22/82	-176.0
LN-80J	098N-50W-01BEEB	11/02/82	-176.3
LN-80J	098N-50W-01BEEB	12/02/82	-174.2
LN-80J	098N-50W-01BEEB	12/17/82	-176.2
LN-80J	098N-50W-01BEEB	01/18/83	-176.9
LN-80J	098N-50W-01BEEB	02/09/83	-175.9
LN-80J	098N-50W-01BEEB	03/01/83	-176.4
LN-80J	098N-50W-01BEEB	03/23/83	-175.1
LN-80J	098N-50W-01BEEB	04/19/83	-176.2
LN-80J	098N-50W-01BEEB	05/17/83	-176.2
LN-80J	098N-50W-01BEEB	06/13/83	-176.2
LN-80J	098N-50W-01BEEB	07/12/83	-176.5
LN-80J	098N-50W-01BEEB	08/08/83	-176.7
LN-80J	098N-50W-01BEEB	08/09/83	-177.0
LN-80J	098N-50W-01BEEB	09/12/83	-177.4
LN-80J	098N-50W-01BEEB	10/18/83	-177.6
LN-80J	098N-50W-01BEEB	11/15/83	-177.5
LN-80J	098N-50W-01BEEB	02/07/84	-177.6

OBS_WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READING
LN-80J	098N-50W-01E52B	02/27/84	-177.3
LN-80J	098N-50W-01E55B	04/12/84	-176.7
LN-80J	098N-50W-01E52B	05/08/84	-177.3
LN-80J	098N-50W-01E58B	06/05/84	-178.4
LN-80J	098N-50W-01E52B	07/02/84	-177.7
LN-80J	098N-50W-01E55B	07/30/84	-177.9
LN-80J	098N-50W-01E52B	08/28/84	-177.1
LN-80J	098N-50W-01E52B	10/03/84	-177.5
LN-80J	098N-50W-01E52B	11/08/84	-177.4
LN-80J	098N-50W-01E58B	12/03/84	-178.6
LN-80J	098N-50W-01E58B	01/03/85	-178.2
LN-80J	098N-50W-01E55B	02/04/85	-177.7
LN-80J	098N-50W-01E51B	03/01/85	-177.1
LN-80J	098N-50W-01E55B	04/02/85	-178.0
LN-80J	098N-50W-01E52B	04/29/85	-177.2
LN-80J	098N-50W-01E55B	05/22/85	-177.8
LN-80J	098N-50W-01E58B	06/04/85	-177.0
LN-80J	098N-50W-01E58B	08/01/85	-177.7
LN-80J	098N-50W-01E58B	08/20/85	-178.3
LN-80J	098N-50W-01E52B	09/17/85	-177.5

N=76

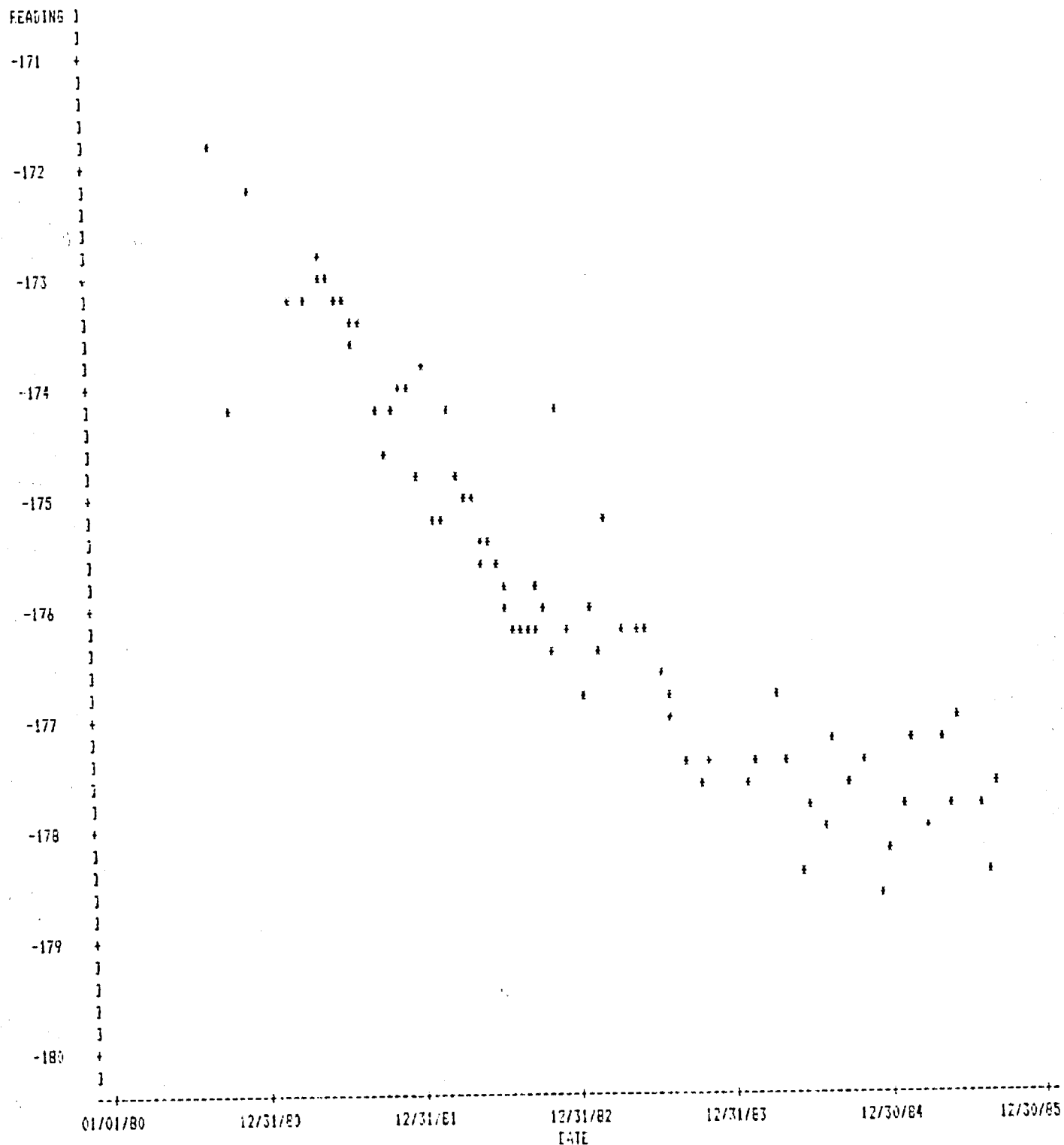
11:21 TUESDAY, OCTOBER 8, 1985 2

L

OBSERVATION WELL WATER LEVELS
OBS_WELL=LN-603

11:21 TUESDAY, OCTOBER 8, 1985 3

PLOT OF READING*DATE SYMBOL USED IS *



NOTE: 1 OBS HIDDEN

0950007 - END OF DATA SET

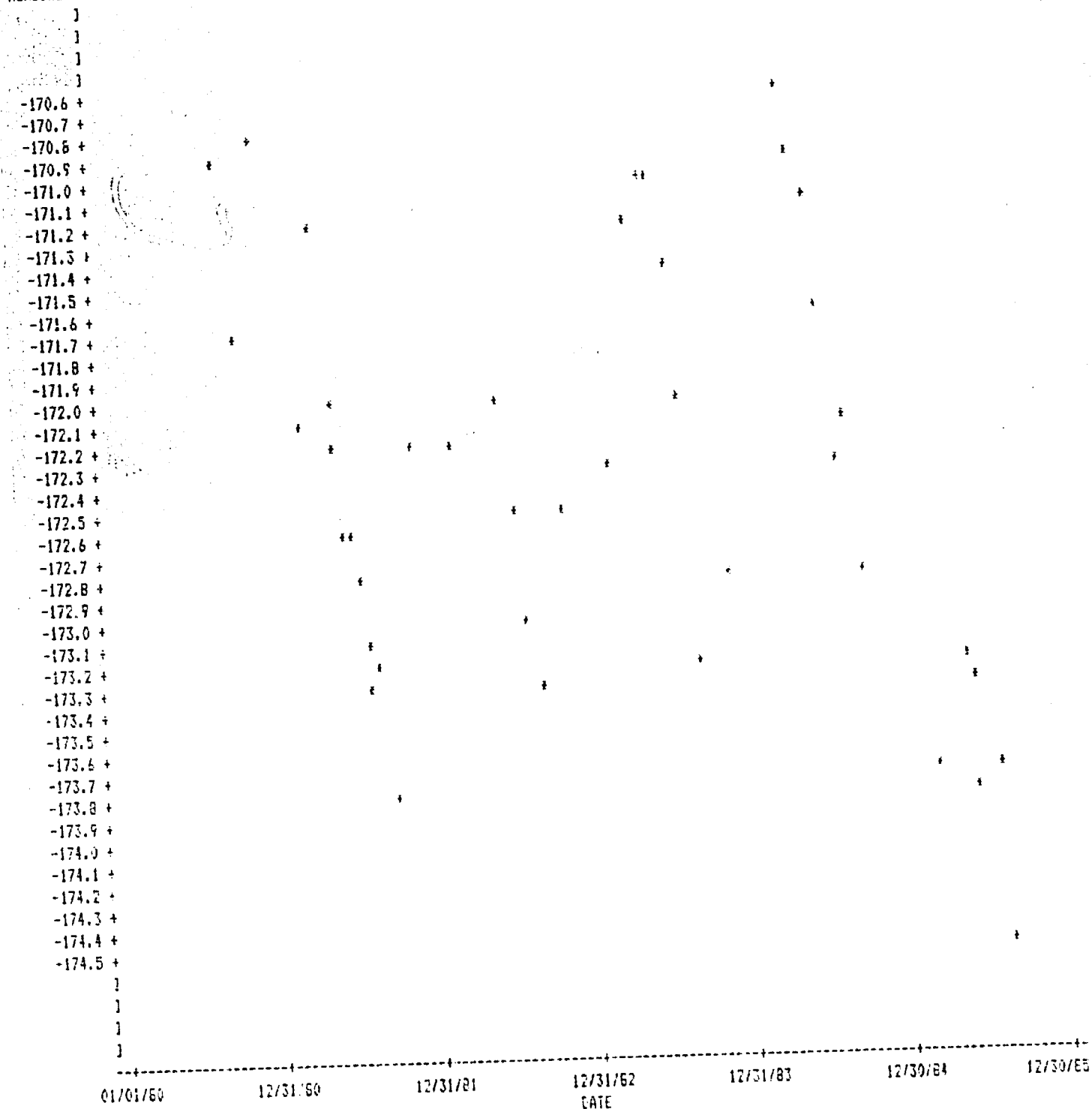
11:31 TUESDAY, OCTOBER 8, 1985 1

OBS_WELL	LOCATION	DATE	FEET/INCH
LN-80K	098N-49W-01E55E	09/04/80	-170.9
LN-80K	098N-49W-01E55E	10/22/80	-171.7
LN-80K	098N-49W-01E55E	12/11/80	-170.8
LN-80K	098N-49W-01E55E	03/11/81	-172.1
LN-80K	098N-49W-01E55E	04/20/81	-171.2
LN-80K	098N-49W-01E55E	05/21/81	-172.0
LN-80K	098N-49W-01E55E	05/03/81	-172.2
LN-80K	098N-49W-01E55E	06/18/81	-172.5
LN-80K	098N-49W-01E55E	07/01/81	-172.6
LN-80K	098N-49W-01E55E	07/15/81	-172.8
LN-80K	098N-49W-01E55E	07/29/81	-173.1
LN-80K	098N-49W-01E55E	08/11/81	-173.3
LN-80K	098N-49W-01E55E	08/30/81	-173.2
LN-80K	098N-49W-01E55E	09/26/81	-173.8
LN-80K	098N-49W-01E55E	11/13/81	-172.2
LN-80K	098N-49W-01E55E	02/25/82	-172.2
LN-80K	098N-49W-01E55E	05/15/82	-172.0
LN-80K	098N-49W-01E55E	07/12/82	-172.5
LN-80K	098N-49W-01E55E	08/09/82	-173.0
LN-80K	098N-49W-01E55E	09/08/82	-173.3
LN-80K	098N-49W-01E55E	11/02/82	-172.5
LN-80K	098N-49W-01E55E	03/01/83	-172.3
LN-80K	098N-49W-01E55E	04/19/83	-171.2
LN-80K	098N-49W-01E55E	05/18/83	-171.0
LN-80K	098N-49W-01E55E	06/14/83	-171.0
LN-80K	098N-49W-01E55E	07/12/83	-171.4
LN-80K	098N-49W-01E55E	08/09/83	-172.0
LN-80K	098N-49W-01E55E	09/12/83	-173.2
LN-80K	098N-49W-01E55E	11/16/83	-172.8
LN-80K	098N-49W-01E55E	04/12/84	-170.6
LN-80K	098N-49W-01E55E	05/08/84	-170.9
LN-80K	098N-49W-01E55E	05/04/84	-171.1
LN-80K	098N-49W-01E55E	07/02/84	-171.6
LN-80K	098N-49W-01E55E	07/30/84	-172.3
LN-80K	098N-49W-01E55E	03/28/84	-172.1
LN-80K	098N-49W-01E55E	10/02/84	-172.8
LN-80K	098N-49W-01E55E	03/19/85	-173.7
LN-80K	098N-49W-01E55E	05/22/85	-173.2
LN-80K	098N-49W-01E55E	06/04/85	-173.3
LN-80K	098N-49W-01E55E	08/19/85	-173.6
LN-80K	098N-49W-01E55E	09/01/85	-173.7
LN-80K	098N-49W-01E55E	08/20/85	-174.5

N=42

11:31 TUESDAY, OCTOBER 6, 1985 2

READING 1



UQS0009 - END OF DATA SET

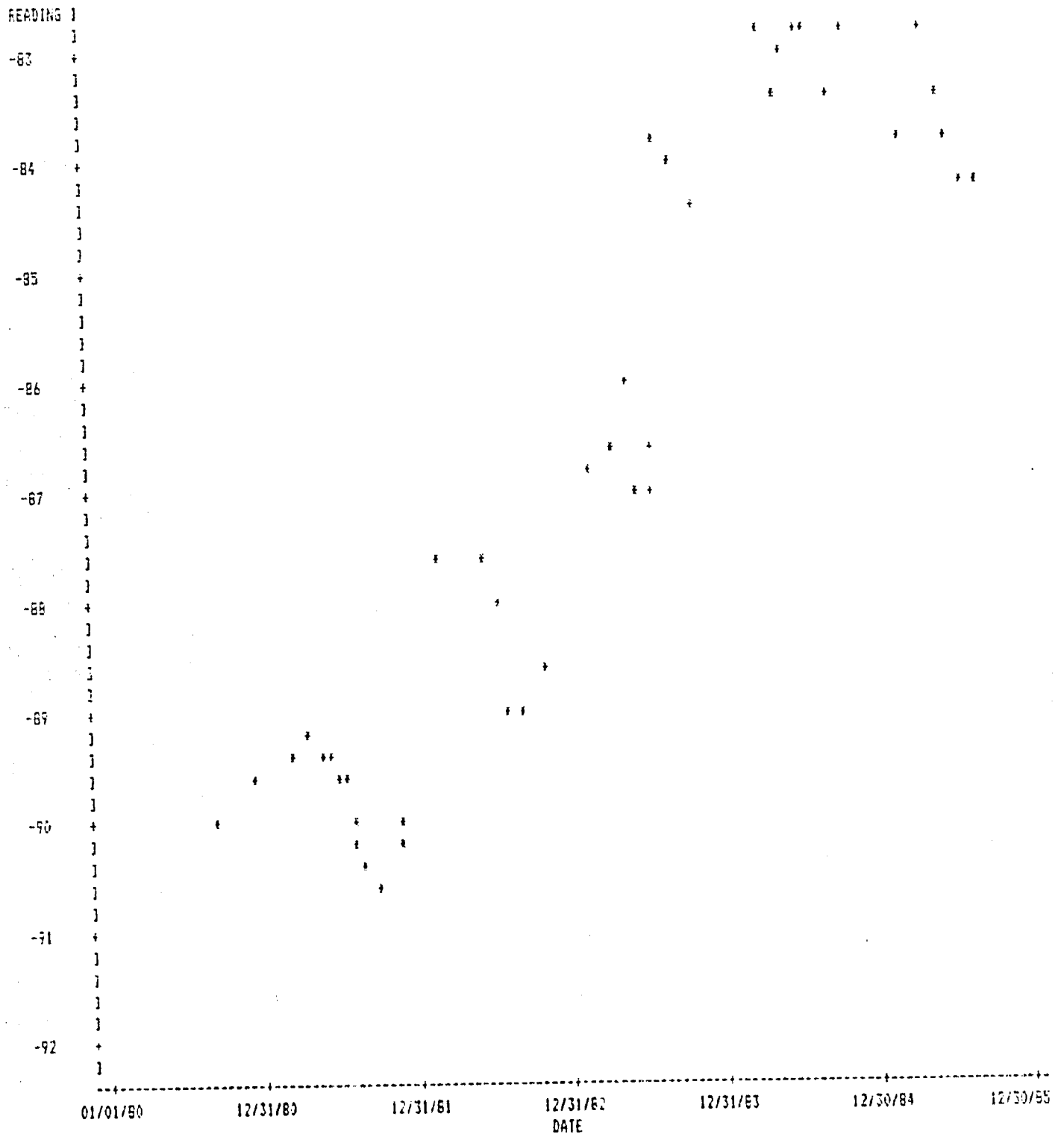
055_WELL	OBSERVATION WELL WATER LEVELS LOCATION	DATE	READING
LN-80L	098N-51W-17DDA	07/05/80	-89.9
LN-80L	098N-51W-17DDA	12/11/80	-89.6
LN-80L	098N-51W-17DDA	03/11/81	-89.3
LN-80L	098N-51W-17DDA	04/20/81	-89.1
LN-80L	098N-51W-17DDA	05/21/81	-89.3
LN-80L	098N-51W-17DDA	06/03/81	-89.4
LN-80L	098N-51W-17DDA	06/15/81	-89.4
LN-80L	098N-51W-17DDA	07/01/81	-89.5
LN-80L	098N-51W-17DDA	07/15/81	-89.6
LN-80L	098N-51W-17DDA	07/29/81	-89.7
LN-80L	098N-51W-17DDA	08/11/81	-90.1
LN-80L	098N-51W-17DDA	08/30/81	-90.3
LN-80L	098N-51W-17DDA	09/26/81	-90.5
LN-80L	098N-51W-17DDA	11/18/81	-90.0
LN-80L	098N-51W-17DDA	12/01/81	-90.1
LN-80L	098N-51W-17DDA	02/23/82	-87.6
LN-80L	098N-51W-17DDA	03/14/82	-87.5
LN-80L	098N-51W-17DDA	07/12/82	-83.0
LN-80L	098N-51W-17DDA	08/09/82	-83.9
LN-80L	098N-51W-17DDA	09/08/82	-89.0
LN-80L	098N-51W-17DDA	11/02/82	-83.5
LN-80L	098N-51W-17DDA	03/01/83	-81.6
LN-80L	098N-51W-17DDA	04/19/83	-86.6
LN-80L	098N-51W-17DDA	05/17/83	-85.9
LN-80L	098N-51W-17DDA	06/13/83	-87.0
LN-80L	098N-51W-17DDA	07/12/83	-86.9
LN-80L	098N-51W-17DDA	07/19/83	-86.6
LN-80L	098N-51W-17DDA	08/08/83	-83.7
LN-80L	098N-51W-17DDA	09/13/83	-84.0
LN-80L	098N-51W-17DDA	11/15/83	-84.4
LN-80L	098N-51W-17DDA	04/12/84	-82.8
LN-80L	098N-51W-17DDA	05/22/84	-83.4
LN-80L	098N-51W-17DDA	06/19/84	-82.7
LN-80L	098N-51W-17DDA	07/17/84	-82.8
LN-80L	098N-51W-17DDA	08/13/84	-82.8
LN-80L	098N-51W-17DDA	10/03/84	-83.3
LN-80L	098N-51W-17DDA	11/05/84	-82.6
LN-80L	098N-51W-17DDA	03/20/85	-83.8
LN-80L	098N-51W-17DDA	04/29/85	-82.7
LN-80L	098N-51W-17DDA	05/04/85	-83.3
LN-80L	098N-51W-17DDA	07/05/85	-83.8
LN-80L	098N-51W-17DDA	08/01/85	-84.2
LN-80L	098N-51W-17DDA	09/17/85	-84.1

11:38 TUESDAY, OCTOBER 8, 1985 :

OBSERVATION WELL WATER LEVELS
OBS_WELL=LK-801

11:36 TUESDAY, OCTOBER 6, 1985 2

PLOT OF READING*DATE SYMBOL USED IS *



NOTE: 1 OBS HIDDEN

UQE0009 - END OF DATA SET

L

OBS. WELL	OBSERVATION WELL WATER LEVELS		READING
	LOCATION	DATE	
LN-BOR	092N-50W-350000	03/24/81	-177.2
LN-BOR	092N-50W-350000	04/20/81	-175.0
LN-BOR	092N-50W-350000	05/21/81	-174.7
LN-BOR	092N-50W-350000	06/03/81	-174.9
LN-BOR	092N-50W-350000	06/10/81	-175.1
LN-BOR	092N-50W-350000	07/01/81	-175.2
LN-BOR	092N-50W-350000	07/15/81	-175.1
LN-BOR	092N-50W-350000	07/29/81	-175.3
LN-BOR	092N-50W-350000	08/11/81	-174.3
LN-BOR	092N-50W-350000	08/26/81	-176.1
LN-BOR	092N-50W-350000	09/06/81	-175.6
LN-BOR	092N-50W-350000	10/14/81	-176.0
LN-BOR	092N-50W-350000	10/29/81	-176.9
LN-BOR	092N-50W-350000	11/10/81	-176.4
LN-BOR	092N-50W-350000	11/19/81	-176.1
LN-BOR	092N-50W-350000	12/02/81	-177.0
LN-BOR	092N-50W-350000	12/16/81	-176.1
LN-BOR	092N-50W-350000	12/26/81	-176.9
LN-BOR	092N-50W-350000	01/13/82	-175.7
LN-BOR	092N-50W-350000	02/01/82	-176.7
LN-BOR	092N-50W-350000	02/11/82	-176.9
LN-BOR	092N-50W-350000	02/23/82	-176.2
LN-BOR	092N-50W-350000	04/19/82	-177.1
LN-BOR	092N-50W-350000	05/03/82	-176.9
LN-BOR	092N-50W-350000	05/19/82	-176.6
LN-BOR	092N-50W-350000	05/31/82	-176.9
LN-BOR	092N-50W-350000	06/14/82	-176.6
LN-BOR	092N-50W-350000	06/28/82	-177.0
LN-BOR	092N-50W-350000	07/12/82	-177.2
LN-BOR	092N-50W-350000	07/26/82	-177.5
LN-BOR	092N-50W-350000	08/09/82	-176.6
LN-BOR	092N-50W-350000	08/22/82	-176.6
LN-BOR	092N-50W-350000	09/05/82	-178.6
LN-BOR	092N-50W-350000	09/24/82	-177.4
LN-BOR	092N-50W-350000	10/05/82	-177.1
LN-BOR	092N-50W-350000	10/22/82	-176.9
LN-BOR	092N-50W-350000	12/02/82	-176.6
LN-BOR	092N-50W-350000	12/17/82	-177.1
LN-BOR	092N-50W-350000	01/18/83	-176.1
LN-BOR	092N-50W-350000	02/09/83	-176.6
LN-BOR	092N-50W-350000	03/01/83	-177.1
LN-BOR	092N-50W-350000	03/23/83	-175.5
LN-BOR	092N-50W-350000	04/19/83	-176.7
LN-BOR	092N-50W-350000	05/17/83	-176.6
LN-BOR	092N-50W-350000	06/13/83	-176.7
LN-BOR	092N-50W-350000	07/12/83	-176.9
LN-BOR	092N-50W-350000	07/20/83	-177.1
LN-BOR	092N-50W-350000	08/08/83	-176.8
LN-BOR	092N-50W-350000	09/13/83	-177.6
LN-BOR	092N-50W-350000	10/18/83	-177.5
LN-BOR	092N-50W-350000	11/15/83	-178.3
LN-BOR	092N-50W-350000	12/26/83	-179.1
LN-BOR	092N-50W-350000	01/07/84	-226.7
LN-BOR	092N-50W-350000	02/27/84	-229.3
LN-BOR	092N-50W-350000	04/12/84	-220.3
LN-BOR	092N-50W-350000	05/08/84	-242.2

11:40 TUESDAY, OCTOBER 6, 1983 1

11:40 TUESDAY, OCTOBER 8, 1985 2

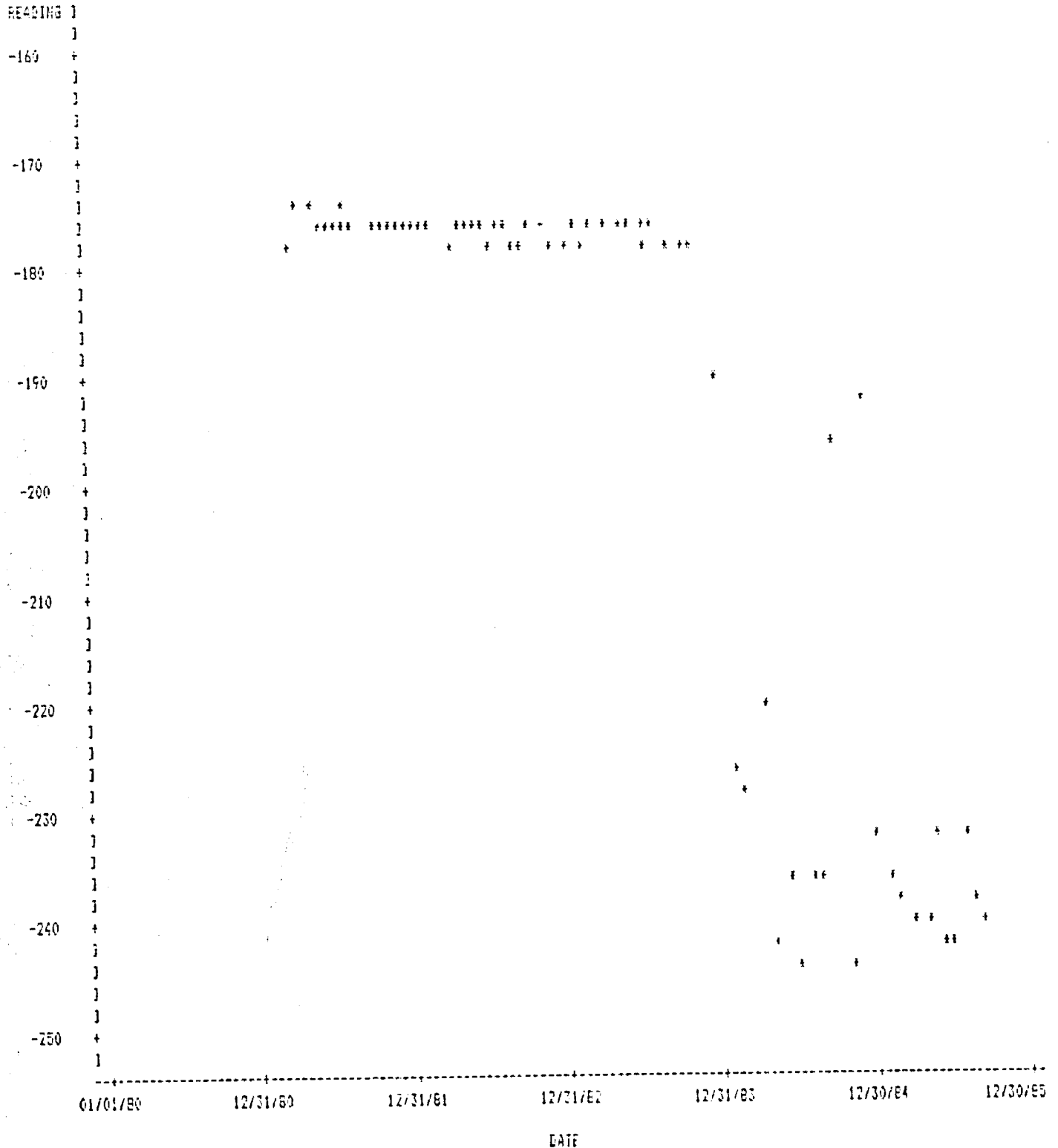
GBS_WELL	OBSERVATION WELL WATER LEVELS LOCATION	DATE	READING
LN-80R	098N-50W-350000	06/05/84	-238.4
LN-80R	098N-50W-350000	07/03/84	-243.8
LN-80R	098N-50W-350000	07/30/84	-235.4
LN-80R	098N-50W-350000	08/28/84	-235.5
LN-80R	098N-50W-350000	10/03/84	-196.4
LN-80R	098N-50W-350000	11/05/84	-243.8
LN-80R	098N-50W-350000	12/03/84	-192.2
LN-80R	098N-50W-350000	01/03/85	-232.5
LN-80R	098N-50W-350000	02/06/85	-235.8
LN-80R	098N-50W-350000	03/01/85	-237.6
LN-80R	098N-50W-350000	04/02/85	-235.4
LN-80R	098N-50W-350000	04/29/85	-239.9
LN-80R	098N-50W-350000	05/21/85	-231.9
LN-80R	098N-50W-350000	05/04/85	-242.0
LN-80R	098N-50W-350000	07/05/85	-243.0
LN-80R	098N-50W-350000	09/01/85	-232.0
LN-80R	098N-50W-350000	09/20/85	-237.1
LN-80R	098N-50W-350000	09/17/85	-240.3

n=74

OBSERVATION WELL WATER LEVELS
 OBS_WELL=LN-6/R

11:40 TUESDAY, OCTOBER 8, 1985 3

PLOT OF READING*DATE SYMBOL USED IS *



11:45 TUESDAY, OCTOBER 2, 1985

WELL	OBSERVATION WELL WATER LEVELS	DATE	READING
WELL	LOCATION		
LN-805	098N-50W-360000	03/24/81	-175.1
LN-805	098N-50W-360000	04/20/81	-174.1
LN-805	098N-50W-360000	05/21/81	-173.5
LN-805	098N-50W-360000	06/03/81	-173.9
LN-805	098N-50W-360000	06/18/81	-174.6
LN-805	098N-50W-360000	07/01/81	-173.7
LN-805	098N-50W-360000	07/15/81	-173.6
LN-805	098N-50W-360000	07/29/81	-173.9
LN-805	098N-50W-360000	08/11/81	-174.0
LN-805	098N-50W-360000	08/30/81	-173.9
LN-805	098N-50W-360000	10/14/81	-174.2
LN-805	098N-50W-360000	10/29/81	-174.7
LN-805	098N-50W-360000	11/10/81	-174.2
LN-805	098N-50W-360000	11/18/81	-174.0
LN-805	098N-50W-360000	12/02/81	-174.8
LN-805	098N-50W-360000	12/15/81	-173.5
LN-805	098N-50W-360000	12/27/81	-174.7
LN-805	098N-50W-360000	01/13/82	-173.7
LN-805	098N-50W-360000	02/01/82	-174.2
LN-805	098N-50W-360000	02/23/82	-174.4
LN-805	098N-50W-360000	03/17/82	-173.6
LN-805	098N-50W-360000	04/06/82	-174.3
LN-805	098N-50W-360000	04/19/82	-174.4
LN-805	098N-50W-360000	05/03/82	-174.4
LN-805	098N-50W-360000	05/19/82	-174.5
LN-805	098N-50W-360000	05/31/82	-174.5
LN-805	098N-50W-360000	06/14/82	-174.5
LN-805	098N-50W-360000	06/28/82	-174.5
LN-805	098N-50W-360000	07/12/82	-174.7
LN-805	098N-50W-360000	07/26/82	-174.8
LN-805	098N-50W-360000	08/09/82	-175.0
LN-805	098N-50W-360000	08/22/82	-175.0
LN-805	098N-50W-360000	09/09/82	-175.0
LN-805	098N-50W-360000	09/24/82	-174.9
LN-805	098N-50W-360000	10/05/82	-174.6
LN-805	098N-50W-360000	10/22/82	-174.4
LN-805	098N-50W-360000	11/02/82	-174.9
LN-805	098N-50W-360000	12/02/82	-173.7
LN-805	098N-50W-360000	12/17/82	-174.7
LN-805	098N-50W-360000	01/18/83	-175.5
LN-805	098N-50W-360000	02/09/83	-174.5
LN-805	098N-50W-360000	03/01/83	-175.0
LN-805	098N-50W-360000	03/23/83	-173.2
LN-805	098N-50W-360000	04/19/83	-174.5
LN-805	098N-50W-360000	05/17/83	-174.6
LN-805	098N-50W-360000	06/13/83	-174.4
LN-805	098N-50W-360000	07/12/83	-174.5
LN-805	098N-50W-360000	07/21/83	-174.7
LN-805	098N-50W-360000	08/03/83	-175.2
LN-805	098N-50W-360000	09/13/83	-175.0
LN-805	098N-50W-360000	10/18/83	-175.0
LN-805	098N-50W-360000	11/16/83	-176.4
LN-805	098N-50W-360000	12/25/83	-179.4
LN-805	098N-50W-360000	02/07/84	-184.3
LN-805	098N-50W-360000	02/27/84	-184.0
LN-805	098N-50W-360000	04/17/84	-193.9

11:45 TUESDAY, OCTOBER 8, 1965 2

WELL	LOCATION	DATE	READING
LN-805	098N-50W-360000	05/08/64	-184.4
LN-805	098N-50W-360000	06/05/64	-184.6
LN-805	098N-50W-360000	07/03/64	-185.1
LN-805	098N-50W-360000	07/30/64	-185.2
LN-805	098N-50W-360000	08/28/64	-184.8
LN-805	098N-50W-360000	10/03/64	-185.2
LN-805	098N-50W-360000	11/06/64	-185.8
LN-805	098N-50W-360000	12/03/64	-184.5
LN-805	098N-50W-360000	01/03/65	-185.1
LN-805	098N-50W-360000	02/06/65	-184.6
LN-805	098N-50W-360000	03/01/65	-183.7
LN-805	098N-50W-360000	04/02/65	-184.3
LN-805	098N-50W-360000	04/29/65	-183.6
LN-805	098N-50W-360000	05/21/65	-184.8
LN-805	098N-50W-360000	06/04/65	-182.5
LN-805	098N-50W-360000	07/05/65	-184.8
LN-805	098N-50W-360000	08/01/65	-185.1
LN-805	098N-50W-360000	08/20/65	-185.7
LN-805	098N-50W-360000	09/17/65	-184.5

N=75

OBSERVATION WELL WATER LEVELS
GWS_WELL=LN-808

11:45 TUESDAY, OCTOBER 2, 1985 3

PLOT OF READINGS*DATE SYMBOL USED IS +

READING

-172 +
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-173 +
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-174 +
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-175 +
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-176 +
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-187 +
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-188 +

01/01/80 12/31/80 12/31/81 12/31/82 12/31/83 12/30/84 12/30/85
DATE

NOTE: 4 GWS HIDDEN

UBS0009 - END OF DATA SET

12:05 TUESDAY, OCTOBER 8, 1985 1

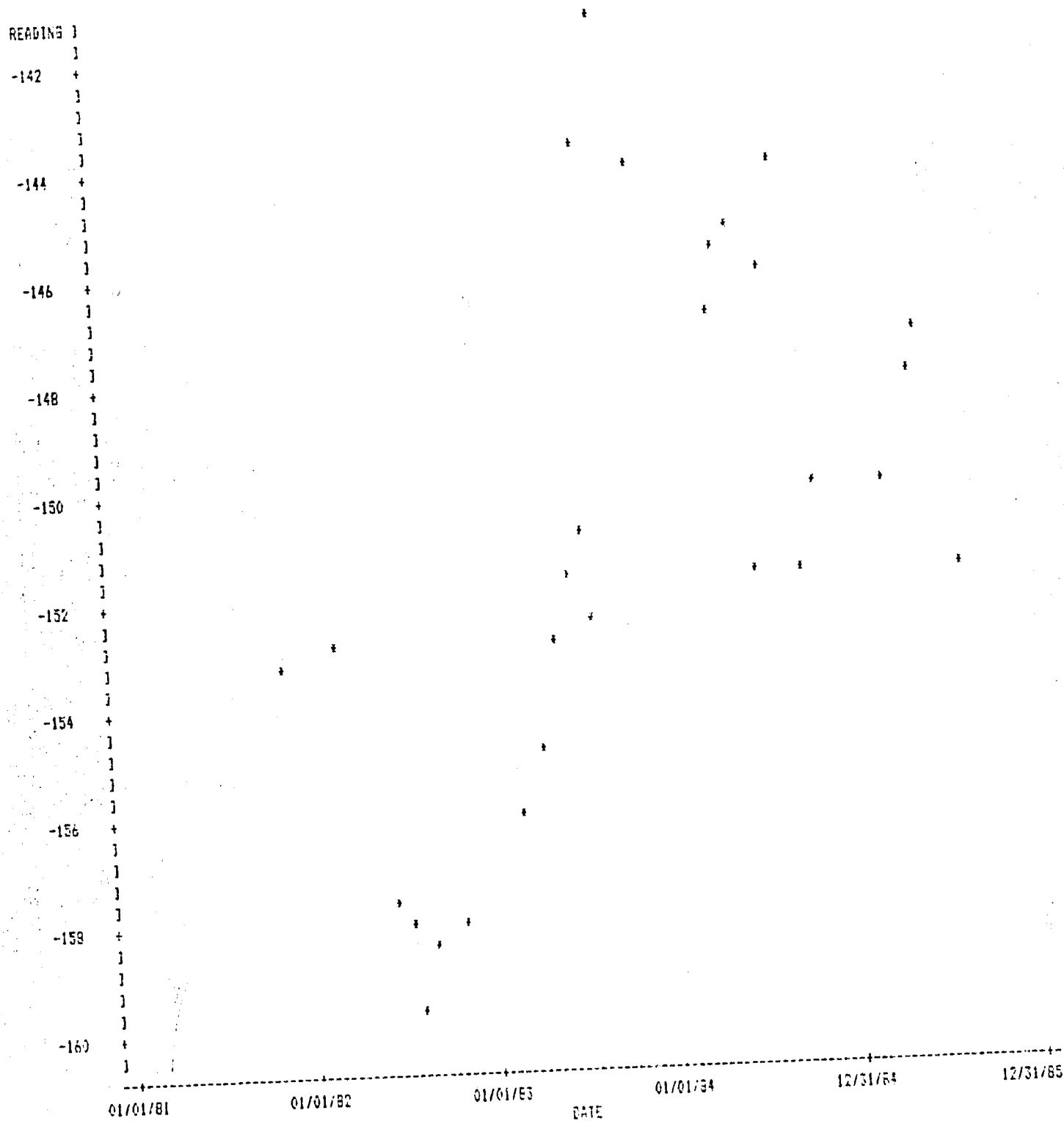
OBS_WELL	OBSERVATION WELL WATER LEVELS LOCATION	DATE	READING
LN-B1L	09BN-49W-360000 3	11/18/81	-153.2
LN-B1L	09BN-49W-360000 3	02/25/82	-152.6
LN-B1L	09BN-49W-360000 3	06/15/82	-157.4
LN-B1L	09BN-49W-360000 3	07/12/82	-157.9
LN-B1L	09BN-49W-360000 3	08/09/82	-158.4
LN-B1L	09BN-49W-360000 3	09/08/82	-158.4
LN-B1L	09BN-49W-360000 3	11/02/82	-158.1
LN-B1L	09BN-49W-360000 3	03/01/83	-156.1
LN-B1L	09BN-49W-360000 3	04/19/83	-154.9
LN-B1L	09BN-49W-360000 3	05/18/83	-152.9
LN-B1L	09BN-49W-360000 3	05/14/83	-151.7
LN-B1L	09BN-49W-360000 3	07/12/83	-150.8
LN-B1L	09BN-49W-360000 3	08/03/83	-152.5
LN-B1L	09BN-49W-360000 3	08/09/83	-143.5
LN-B1L	09BN-49W-360000 3	09/12/83	-141.2
LN-B1L	09BN-49W-360000 3	11/16/83	-144.1
LN-B1L	09BN-49W-360000 3	04/12/84	-146.6
LN-B1L	09BN-49W-360000 3	05/08/84	-145.5
LN-B1L	09BN-49W-360000 3	06/04/84	-145.0
LN-B1L	09BN-49W-360000 3	07/02/84	-151.7
LN-B1L	09BN-49W-360000 3	07/30/84	-146.1
LN-B1L	09BN-49W-360000 3	08/28/84	-144.0
LN-B1L	09BN-49W-360000 3	10/02/84	-151.4
LN-B1L	09BN-49W-360000 3	11/06/84	-150.1
LN-B1L	09BN-49W-360000 3	03/19/85	-149.9
LN-B1L	09BN-49W-360000 3	05/20/85	-148.0
LN-B1L	09BN-49W-360000 3	06/05/85	-147.1
LN-B1L	09BN-49W-360000 3	08/20/85	-151.6

N=28

OBSERVATION WELL WATER LEVELS
065_WELL=LN-81L

12:05 TUESDAY, OCTOBER 8, 1965 2

PLOT OF READING+DATE SYMBOL USED IS +



12:48 TUESDAY, OCTOBER 8, 1985

1

OBS WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READING
LN-61M	097N-50W-22AAAA 1	11/10/81	-235.9
LN-61M	097N-50W-22AAAA 1	11/18/81	-239.7
LN-61M	097N-50W-22AAAA 1	12/02/81	-236.1
LN-61M	097N-50W-22AAAA 1	12/16/81	-235.3
LN-61M	097N-50W-22AAAA 1	12/27/81	-239.3
LN-61M	097N-50W-22AAAA 1	01/13/82	-232.8
LN-61M	097N-50W-22AAAA 1	02/25/82	-233.9
LN-61M	097N-50W-22AAAA 1	03/17/82	-231.9
LN-61M	097N-50W-22AAAA 1	04/06/82	-232.9
LN-61M	097N-50W-22AAAA 1	05/03/82	-232.8
LN-61M	097N-50W-22AAAA 1	05/19/82	-231.3
LN-61M	097N-50W-22AAAA 1	05/31/82	-236.7
LN-61M	097N-50W-22AAAA 1	06/14/82	-235.9
LN-61M	097N-50W-22AAAA 1	06/28/82	-235.4
LN-61M	097N-50W-22AAAA 1	07/12/82	-236.6
LN-61M	097N-50W-22AAAA 1	07/26/82	-237.4
LN-61M	097N-50W-22AAAA 1	08/09/82	-237.2
LN-61M	097N-50W-22AAAA 1	08/22/82	-237.4
LN-61M	097N-50W-22AAAA 1	09/06/82	-238.1
LN-61M	097N-50W-22AAAA 1	09/24/82	-236.9
LN-61M	097N-50W-22AAAA 1	10/05/82	-237.3
LN-61M	097N-50W-22AAAA 1	10/22/82	-236.1
LN-61M	097N-50W-22AAAA 1	11/05/82	-237.7
LN-61M	097N-50W-22AAAA 1	12/02/82	-235.1
LN-61M	097N-50W-22AAAA 1	12/17/82	-236.8
LN-61M	097N-50W-22AAAA 1	01/18/83	-237.1
LN-61M	097N-50W-22AAAA 1	02/09/83	-237.2
LN-61M	097N-50W-22AAAA 1	03/01/83	-236.5
LN-61M	097N-50W-22AAAA 1	03/23/83	-234.6
LN-61M	097N-50W-22AAAA 1	04/19/83	-236.7
LN-61M	097N-50W-22AAAA 1	05/17/83	-236.7
LN-61M	097N-50W-22AAAA 1	06/13/83	-237.0
LN-61M	097N-50W-22AAAA 1	07/12/83	-236.3
LN-61M	097N-50W-22AAAA 1	08/04/83	-237.4
LN-61M	097N-50W-22AAAA 1	08/09/83	-238.5
LN-61M	097N-50W-22AAAA 1	09/13/83	-237.1
LN-61M	097N-50W-22AAAA 1	10/18/83	-237.0
LN-61M	097N-50W-22AAAA 1	11/15/83	-237.0
LN-61M	097N-50W-22AAAA 1	12/26/83	-236.1
LN-61M	097N-50W-22AAAA 1	01/20/84	-237.7
LN-61M	097N-50W-22AAAA 1	02/27/84	-238.8
LN-61M	097N-50W-22AAAA 1	04/12/84	-235.2
LN-61M	097N-50W-22AAAA 1	05/08/84	-235.8
LN-61M	097N-50W-22AAAA 1	06/05/84	-235.6
LN-61M	097N-50W-22AAAA 1	07/03/84	-236.1
LN-61M	097N-50W-22AAAA 1	07/30/84	-236.3
LN-61M	097N-50W-22AAAA 1	08/28/84	-235.1
LN-61M	097N-50W-22AAAA 1	10/03/84	-237.1
LN-61M	097N-50W-22AAAA 1	11/09/84	-236.7
LN-61M	097N-50W-22AAAA 1	12/03/84	-235.6
LN-61M	097N-50W-22AAAA 1	01/03/85	-236.4
LN-61M	097N-50W-22AAAA 1	02/05/85	-236.6
LN-61M	097N-50W-22AAAA 1	03/01/85	-235.4
LN-61M	097N-50W-22AAAA 1	04/02/85	-236.6
LN-61M	097N-50W-22AAAA 1	04/29/85	-235.4
LN-61M	097N-50W-22AAAA 1	05/22/85	-235.8

DES_WELL	OBSERVATION WELL WATER LEVELS LOCATION	DATE	READING
LN-61M	097N-50W-22AAAA 1	06/05/85	-236.5
LN-61M	097N-50W-22AAAA 1	07/05/85	-238.0
LN-61M	097N-50W-22AAAA 1	08/01/85	-236.4
LN-61M	097N-50W-22AAAA 1	08/20/85	-237.5
LN-61M	097N-50W-22AAAA 1	09/17/85	-236.3

12:48 TUESDAY, OCTOBER 8, 1985 2

N=51

OBSERVATION WELL WATER LEVELS
 OBS_WELL=LN-SIN

12:43 TUESDAY, OCTOBER 8, 1985 3

PLOT OF READING+DATE SYMBOL USED IS *

READING I

-231
 -232
 -233
 -234
 -235
 -236
 -237
 -238
 -239
 -240

01/01/81 01/01/82 01/01/83 01/01/84 12/31/84 12/31/85

DATE



WELL	LOCATION	DATE	READING
LN-BIN	097N-50W-22AAAA 2	08/08/83	-226.6
LN-BIN	097N-50W-22AAAA 2	09/13/83	-226.0
LN-BIN	097N-50W-22AAAA 2	10/18/83	-224.2
LN-BIN	097N-50W-22AAAA 2	11/15/83	-223.5
LN-BIN	097N-50W-22AAAA 2	12/26/83	-222.9
LN-BIN	097N-50W-22AAAA 2	01/20/84	-225.1
LN-BIN	097N-50W-22AAAA 2	02/07/84	-224.9
LN-BIN	097N-50W-22AAAA 2	02/27/84	-225.7
LN-BIN	097N-50W-22AAAA 2	03/12/84	-224.8
LN-BIN	097N-50W-22AAAA 2	05/08/84	-225.4
LN-BIN	097N-50W-22AAAA 2	06/05/84	-226.4
LN-BIN	097N-50W-22AAAA 2	07/03/84	-225.0
LN-BIN	097N-50W-22AAAA 2	07/30/84	-227.0
LN-BIN	097N-50W-22AAAA 2	08/20/84	-226.1
LN-BIN	097N-50W-22AAAA 2	10/03/84	-227.9
LN-BIN	097N-50W-22AAAA 2	11/05/84	-228.4
LN-BIN	097N-50W-22AAAA 2	12/03/84	-227.7
LN-BIN	097N-50W-22AAAA 2	01/03/85	-227.4
LN-BIN	097N-50W-22AAAA 2	02/06/85	-230.1
LN-BIN	097N-50W-22AAAA 2	03/01/85	-229.4
LN-BIN	097N-50W-22AAAA 2	04/02/85	-230.0
LN-BIN	097N-50W-22AAAA 2	04/29/85	-229.7
LN-BIN	097N-50W-22AAAA 2	05/22/85	-229.7
LN-BIN	097N-50W-22AAAA 2	06/03/85	-227.4
LN-BIN	097N-50W-22AAAA 2	07/05/85	-226.0
LN-BIN	097N-50W-22AAAA 2	08/01/85	-226.4
LN-BIN	097N-50W-22AAAA 2	08/20/85	-227.4
LN-BIN	097N-50W-22AAAA 2	09/17/85	-227.3

12:38 TUESDAY, OCTOBER 6, 1985 1

N=25

OBSERVATION WELL WATER LEVELS
OBS_WELL=LN-81N

12:38 TUESDAY, OCTOBER 8, 1985 2

PLOT OF READING*DATE SYMBOL USED IS *

READINGS 1

-223 +

-224 +

-225 +

-226 +

-227 +

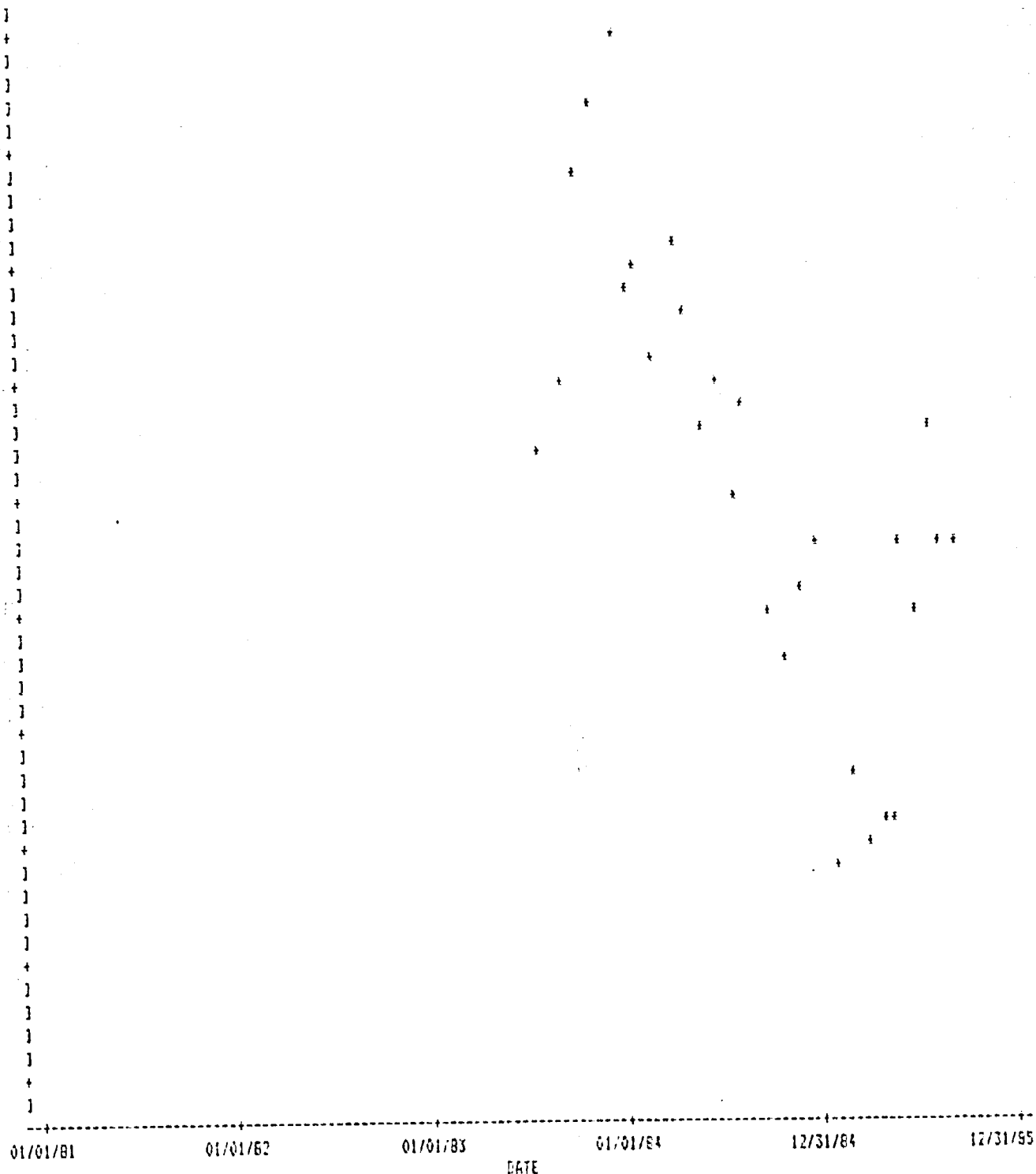
-228 +

-229 +

-230 +

-231 +

-232 +



065_WELL	OBSERVATION WELL WATER LEVELS LOCATION	DATE	READING
LN-810	097N-51W-05AAAD	06/14/82	-81.4
LN-810	097N-51W-05AAAD	07/12/82	-82.0
LN-810	097N-51W-05AAAD	08/09/82	-82.0
LN-810	097N-51W-05AAAD	11/02/82	-81.9
LN-810	097N-51W-05AAAD	03/01/83	-81.3
LN-810	097N-51W-05AAAD	04/19/83	-81.1
LN-810	097N-51W-05AAAD	05/17/83	-81.7
LN-810	097N-51W-05AAAD	06/13/83	-81.6
LN-810	097N-51W-05AAAD	07/12/83	-81.3
LN-810	097N-51W-05AAAD	07/19/83	-81.0
LN-810	097N-51W-05AAAD	08/09/83	-81.5
LN-810	097N-51W-05AAAD	09/13/83	-81.6
LN-810	097N-51W-05AAAD	11/15/83	-81.6
LN-810	097N-51W-05AAAD	04/12/84	-80.2
LN-810	097N-51W-05AAAD	05/22/84	-80.7
LN-810	097N-51W-05AAAD	06/19/84	-80.6
LN-810	097N-51W-05AAAD	07/17/84	-80.4
LN-810	097N-51W-05AAAD	08/13/84	-80.5
LN-810	097N-51W-05AAAD	10/03/84	-80.7
LN-810	097N-51W-05AAAD	11/04/84	-80.3
LN-810	097N-51W-05AAAD	03/19/85	-81.2
LN-810	097N-51W-05AAAD	04/29/85	-80.4
LN-810	097N-51W-05AAAD	06/05/85	-80.9
LN-810	097N-51W-05AAAD	07/05/85	-82.0

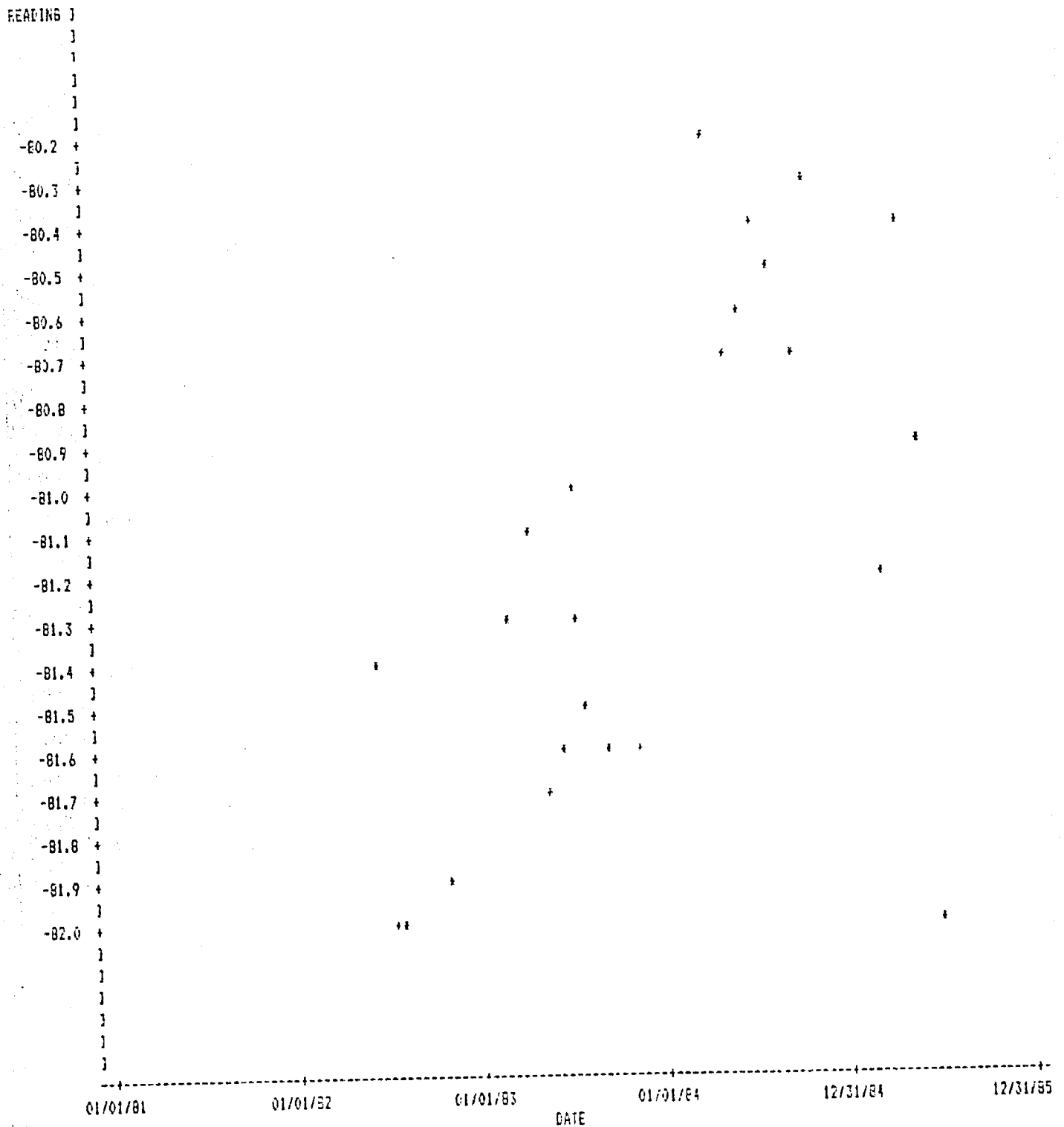
N=24

12:56 TUESDAY, OCTOBER 6, 1985 1

OBSERVATION WELL WATER LEVELS
OBS_WELL=LN-310

12:55 TUESDAY, OCTOBER 8, 1985 2

PLOT OF READINGS*DATE SYMBOL USED IS *



OBSERVATION WELL WATER LEVELS

15:28 TUESDAY, OCTOBER 9, 1985

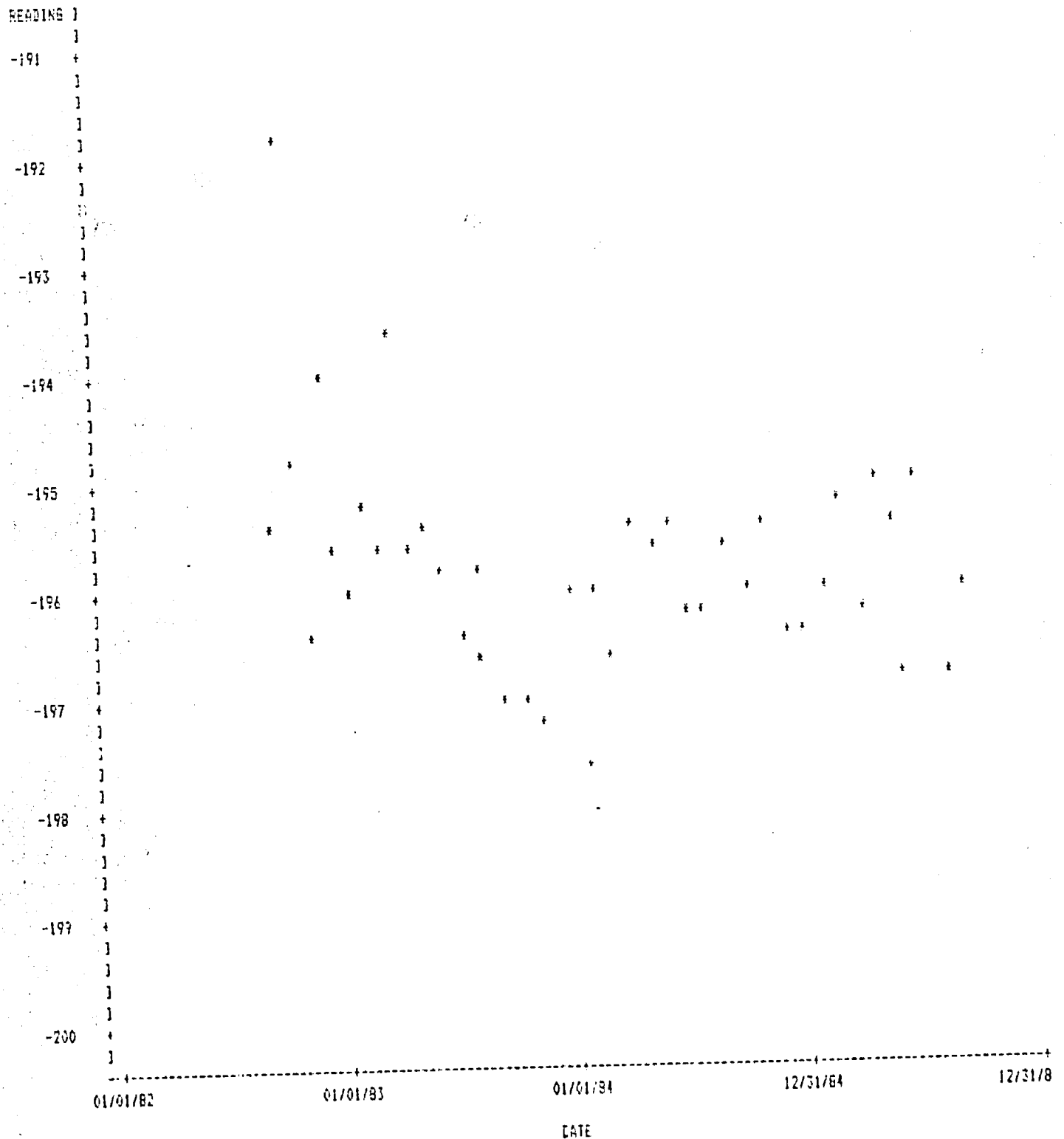
OBS WELL	LOCATION	DATE	READING
LN-82A	097N-50W-17C000 1	09/14/82	-195.3
LN-82A	097N-50W-17C000 1	10/05/82	-191.7
LN-82A	097N-50W-17C000 1	10/22/82	-194.2
LN-82A	097N-50W-17C000 1	11/03/82	-196.4
LN-82A	097N-50W-17C000 1	12/02/82	-195.9
LN-82A	097N-50W-17C000 1	12/17/82	-195.5
LN-82A	097N-50W-17C000 1	01/18/83	-196.0
LN-82A	097N-50W-17C000 1	02/09/83	-195.1
LN-82A	097N-50W-17C000 1	03/01/83	-195.5
LN-82A	097N-50W-17C000 1	03/23/83	-193.6
LN-82A	097N-50W-17C000 1	04/19/83	-195.6
LN-82A	097N-50W-17C000 1	05/17/83	-195.4
LN-82A	097N-50W-17C000 1	06/13/83	-195.6
LN-82A	097N-50W-17C000 1	07/12/83	-196.4
LN-82A	097N-50W-17C000 1	08/02/83	-196.5
LN-82A	097N-50W-17C000 1	08/08/83	-195.8
LN-82A	097N-50W-17C000 1	09/13/83	-197.0
LN-82A	097N-50W-17C000 1	10/19/83	-196.9
LN-82A	097N-50W-17C000 1	11/15/83	-197.1
LN-82A	097N-50W-17C000 1	12/21/83	-195.0
LN-82A	097N-50W-17C000 1	01/20/84	-197.6
LN-82A	097N-50W-17C000 1	02/07/84	-195.9
LN-82A	097N-50W-17C000 1	02/27/84	-195.6
LN-82A	097N-50W-17C000 1	04/12/84	-195.3
LN-82A	097N-50W-17C000 1	05/08/84	-195.6
LN-82A	097N-50W-17C000 1	06/05/84	-195.4
LN-82A	097N-50W-17C000 1	07/03/84	-195.1
LN-82A	097N-50W-17C000 1	07/30/84	-196.2
LN-82A	097N-50W-17C000 1	08/26/84	-195.3
LN-82A	097N-50W-17C000 1	10/03/84	-195.9
LN-82A	097N-50W-17C000 1	11/06/84	-195.3
LN-82A	097N-50W-17C000 1	12/03/84	-196.3
LN-82A	097N-50W-17C000 1	01/03/85	-196.3
LN-82A	097N-50W-17C000 1	02/06/85	-196.0
LN-82A	097N-50W-17C000 1	03/01/85	-195.1
LN-82A	097N-50W-17C000 1	04/02/85	-196.1
LN-82A	097N-50W-17C000 1	04/29/85	-194.9
LN-82A	097N-50W-17C000 1	05/21/85	-195.4
LN-82A	097N-50W-17C000 1	06/05/85	-194.6
LN-82A	097N-50W-17C000 1	07/05/85	-195.0
LN-82A	097N-50W-17C000 1	08/21/85	-196.7
LN-82A	097N-50W-17C000 1	09/17/85	-195.9

N=42

OBSERVATION WELL WATER LEVELS
ORE_WELL=LN-224

15:29 TUESDAY, OCTOBER 8, 1985

PLOT OF READING*DATE SYMBOL USED IS *



GPS WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READING
LN-82B	097N-50W-21AAAA 1	08/08/83	-212.1
LN-82B	097N-50W-21AAAA 1	09/13/83	-213.9
LN-82B	097N-50W-21AAAA 1	10/18/83	-213.8
LN-82B	097N-50W-21AAAA 1	11/15/83	-213.8
LN-82B	097N-50W-21AAAA 1	12/26/83	-213.3
LN-82B	097N-50W-21AAAA 1	01/20/84	-215.4
LN-82E	097N-50W-21AAAA 1	02/07/84	-213.5
LN-82B	097N-50W-21AAAA 1	02/27/84	-214.2
LN-82B	097N-50W-21AAAA 1	04/12/84	-212.6
LN-82B	097N-50W-21AAAA 1	05/08/84	-213.0
LN-82B	097N-50W-21AAAA 1	06/05/84	-213.0
LN-82B	097N-50W-21AAAA 1	07/03/84	-213.2
LN-82B	097N-50W-21AAAA 1	07/30/84	-213.4
LN-82B	097N-50W-21AAAA 1	08/23/84	-212.6
LN-82B	097N-50W-21AAAA 1	10/03/84	-214.3
LN-82B	097N-50W-21AAAA 1	11/06/84	-213.8
LN-82B	097N-50W-21AAAA 1	12/03/84	-213.6
LN-82B	097N-50W-21AAAA 1	01/03/85	-213.5
LN-82E	097N-50W-21AAAA 1	02/06/85	-213.6
LN-82B	097N-50W-21AAAA 1	03/01/85	-213.0
LN-82B	097N-50W-21AAAA 1	04/02/85	-214.6
LN-82E	097N-50W-21AAAA 1	04/29/85	-213.1
LN-82E	097N-50W-21AAAA 1	05/22/85	-213.3
LN-82B	097N-50W-21AAAA 1	06/05/85	-210.6
LN-82B	097N-50W-21AAAA 1	06/01/85	-211.4
LN-82B	097N-50W-21AAAA 1	08/21/85	-213.9
LN-82E	097N-50W-21AAAA 1	09/17/85	-212.9

10:07 TUESDAY, OCTOBER 8, 1985 1

N=27

OBSERVATION WELL WATER LEVELS
OBS_WELL=LN-828

10:07 TUESDAY, OCTOBER 8, 1985

PLOT OF READING*DATE SYMBOL USED IS *

READING

-210.6 +
-210.7 +
-210.8 +
-210.9 +
-211.0 +
-211.1 +
-211.2 +
-211.3 +
-211.4 +
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-214.2 +
-214.3 +
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-215.3 +
-215.4 +

01/01/82 01/01/83 01/01/84 12/31/84 12/31/85
DATE

12:11 TUESDAY, OCTOBER 8, 1985 1

WELL	LOCATION	DATE	READING
LN-82C	097N-50W-210000 1	10/27/82	-215.2
LN-82C	097N-50W-210000 1	11/09/82	-216.4
LN-82C	097N-50W-210000 1	12/02/82	-213.6
LN-82C	097N-50W-210000 1	12/17/82	-215.4
LN-82C	097N-50W-210000 1	01/18/83	-215.8
LN-82C	097N-50W-210000 1	02/09/83	-215.5
LN-82C	097N-50W-210000 1	03/01/83	-215.4
LN-82C	097N-50W-210000 1	03/23/83	-213.1
LN-82C	097N-50W-210000 1	04/19/83	-215.1
LN-82C	097N-50W-210000 1	05/17/83	-215.1
LN-82C	097N-50W-210000 1	06/13/83	-215.5
LN-82C	097N-50W-210000 1	07/12/83	-215.4
LN-82C	097N-50W-210000 1	08/04/83	-215.6
LN-82C	097N-50W-210000 1	08/06/83	-215.3
LN-82C	097N-50W-210000 1	09/13/83	-216.2
LN-82C	097N-50W-210000 1	10/18/83	-215.9
LN-82C	097N-50W-210000 1	11/15/83	-216.1
LN-82C	097N-50W-210000 1	12/26/83	-215.2
LN-82C	097N-50W-210000 1	01/20/84	-215.9
LN-82C	097N-50W-210000 1	02/07/84	-215.4
LN-82C	097N-50W-210000 1	02/27/84	-216.1
LN-82C	097N-50W-210000 1	04/12/84	-214.4
LN-82C	097N-50W-210000 1	05/03/84	-214.9
LN-82C	097N-50W-210000 1	06/05/84	-215.0
LN-82C	097N-50W-210000 1	07/03/84	-215.1
LN-82C	097N-50W-210000 1	07/30/84	-215.3
LN-82C	097N-50W-210000 1	08/23/84	-214.7
LN-82C	097N-50W-210000 1	10/03/84	-215.0
LN-82C	097N-50W-210000 1	11/06/84	-215.6
LN-82C	097N-50W-210000 1	12/03/84	-215.8
LN-82C	097N-50W-210000 1	01/03/85	-215.6
LN-82C	097N-50W-210000 1	02/06/85	-215.6
LN-82C	097N-50W-210000 1	03/01/85	-214.5
LN-82C	097N-50W-210000 1	04/02/85	-215.3
LN-82C	097N-50W-210000 1	04/29/85	-214.4
LN-82C	097N-50W-210000 1	05/21/85	-214.7
LN-82C	097N-50W-210000 1	08/01/85	-215.6
LN-82C	097N-50W-210000 1	08/21/85	-216.1
LN-82C	097N-50W-210000 1	09/17/85	-215.1

N=39

OBSERVATION WELL WATER LEVELS
GSS_WELL=LN-92C

13:11 TUESDAY, OCTOBER 9, 1985 2

PLOT OF READING*DATE SYMBOL USED IS *

READINGS 1

1
1
1
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-213.1 +

-213.2 +

-213.3 +

-213.4 +

-213.5 +

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-213.7 +

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-213.9 +

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01/01/82

01/01/83

01/01/84
DATE

12/31/84

12/31/85

U030009 - END OF DATA SET

L

COUNTY Lincoln

WELL NO. LN-79H

LOCATION 98N-50W-32AAAA 2

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1982												
5	152.94	153.12	153.13	153.24	153.22	153.12	153.29	153.69	153.77	153.74		
10	153.26	152.98	153.05	153.12	153.17	153.19	153.33	153.77	153.64			
15		152.96	153.06	152.97	153.15	153.14	153.38	153.78	153.90			
20	153.06	152.99	153.06	153.28	153.19	153.21	153.46	153.90	153.86			
25	153.06	153.27	153.22	153.16	153.22	153.29	153.52	153.78	153.86			
EOM	153.09	153.10	153.15	153.24	153.12	153.36	153.63	153.74	153.92			
1983												
5		153.79	153.48	153.66	153.56	153.75		153.13	153.37	153.61	154.55	153.62
10		153.79	153.75	153.55	153.58	153.80		153.17	153.54	153.73	154.53	153.66
15		153.78	153.62	153.57	153.69	153.75		153.25	153.59	153.68	154.53	153.75
20		153.89	153.59	153.54	153.66	153.67		153.31	153.99	153.70	153.55	154.06
25	153.85	153.57	153.60	153.58	153.75		153.19	153.39	153.96	154.54	153.61	154.18
EOM	153.83	153.60	153.41	153.65	153.68		153.07	153.45	153.61	154.56	153.68	154.30
1984												
5	154.38	156.30	157.31	158.33	159.10	159.85			160.90	161.30	161.21	161.48
10	154.85	156.40	157.54	158.43	159.26	160.08			160.85	161.32	161.27	161.24
15	155.16	156.64	157.70	158.64	159.45				161.06	161.22	161.35	161.18
20	155.47	156.85	157.60	158.84	159.50				161.04	161.12	161.53	161.11
25	155.47	157.01	157.95	158.81	159.76				161.18	161.21	161.41	161.17
EOM	155.89	157.25	158.28	159.03	159.88			160.66	161.34	161.21	161.35	161.22

COUNTY Lincoln

WELL NO. LN-73H

South Worthing

LOCATION 98N-50W-32AAAA 2

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1979												
5									151.07	150.97	150.97	150.71
10									151.06	150.96	150.52	151.16
15									151.12		150.92	150.84
20									151.01	150.94	151.02	
25								151.10	151.11	151.13	151.02	
EOM								151.02	151.09	150.69	150.86	
1980												
1-3-80												
5	151.0	151.1	151.05		150.96	150.98	151.18	151.50	151.63	151.76	151.78	151.88
10	151.30	150.90			150.74	151.11	151.22	151.40	151.63	151.72	151.93	
15	151.12	150.89	150.92	150.92	151.135	151.05	151.26	151.50	151.50	151.65	151.94	
20	150.90	150.92	150.89	150.89	151.05		151.25		151.63	151.75	151.76	
25	150.99	151.02	150.94	150.94	151.02		151.43		151.83	151.78	152.01	
EOM	151.26			150.88	151.12		151.50		151.61	151.77	151.84	
1981												
5		151.89	152.26	152.15	152.11	152.16	152.38	152.65	152.78	152.87	153.01	
10		152.03	152.13		152.29	152.27	152.53	152.54	152.80	152.91	153.05	
15		151.95	152.39		152.29	152.28	152.52	152.77	152.84	152.79	152.92	
20		151.97	152.26			152.30	152.56	152.59	152.84	152.96	152.87	
25		152.09	152.05	152.22		152.43	152.57	152.69	152.75	152.90	152.93	
EOM		152.01	152.19	152.15	152.42	152.43	152.55	152.74	152.93	152.93	152.95	

Instruction to Newspaper - Publish first publication of the following Notice on or before December 5, 1985 with 2nd publication 1 week later.

Readvertisement of NOTICE OF HEARING on Application No. 4300-3B to Appropriate Water and to Amend Water Permit Nos. 4300-3 & 4300-3A

Notice is hereby given that South Lincoln Rural Water System whose mailing address is PO Box 155, Canton, South Dakota has made an application for a permit to appropriate water and to amend Water Permit Nos. 4300-3 and 4300-3A. Application No. 4300-3B is being readvertised to provide additional information. The hearing scheduled for December 4, 1985 has been cancelled. The purpose of the amendment is to delete the qualification from Permit Nos. 4300-3 and 4300-3A that limits annual withdrawals by the Rural Water System to 455 acre feet. Water Permit No. 4300-3 was approved for 2.0 cubic feet per second from three wells to be located in the NE $\frac{1}{4}$ Section 20 and SE $\frac{1}{4}$ Section 32, T98N, R50W and SW $\frac{1}{4}$ Section 36, T98N, R51W. Water Permit No. 4300-3A authorized a change in the location of Well #3 from the SW $\frac{1}{4}$ Section 36, T98N, R51W to the S $\frac{1}{2}$ Section 35, T98N, R50W. The three wells developed under Permit Nos. 4300-3 and 4300-3A are capable of diverting a total of 650 gpm and the diversion rates will not change under Application No. 4300-3B. The additional water diverted from the three existing wells authorized by Permit Nos. 4300-3 and 4300-3A will be used to provide water for rural water system use.

Pursuant to SDCL 46-2A-2, the Chief Engineer of the Water Rights Division recommends APPROVAL of Application 4300-3B because 1) unappropriated water is available, 2) will be no unlawful impairment of existing rights, 3) is beneficial use of water and 4) in the public interest.

This application will be considered by the Water Management Board during a special Board meeting conducted via telephone conference call in Room 425, Joe Foss Building, Pierre SD January 13, 1986, at 9:00 am.

The recommendation of the Chief Engineer is not final or binding upon the Board and the Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny this application after it reaches a conclusion based upon facts presented at the public hearing. Any interested person who may be affected by a Board decision and who intends to participate in the hearing before the Board and present evidence or cross-examine witnesses according to SDCL 1-26, must file a written petition with BOTH the applicant and the Chief Engineer by January 3, 1986. The petition may be informal, but it must include a statement describing the petitioner's interest in the application, the reasons for the petitioner's opposition to or support of the application, and the signature and mailing address of the petitioner or his legal counsel if legal counsel is obtained. The applicant need not file a petition. If there are any written petitions in opposition to this application, the hearing will automatically be continued until the next regular Board meeting March 5 and 6, 1986.

This application is made pursuant to the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

This hearing is an adversary proceeding. The applicant or any person, after filing a petition, has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

Any person wishing a copy of the Chief Engineer's recommendation, further information on this application or to assure access to the hearing by the handicapped can contact the Water Rights Division, DWRN, Joe Foss Bldg, Pierre SD (605 771-3352) for assistance prior to the hearing date. The time of the hearing will be automatically extended for at least twenty days upon written request of the applicant or any person who has filed a petition to oppose or support the application. The request for extension must be filed with the Chief Engineer by January 3, 1986.



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

Water Rights Division
605 773-3352

No. 4300-3B

November 25, 1985

Sioux Valley News
Box 255
Canton SD 57013

Dear Sir:

Enclosed is a Notice of Intent to Appropriate Water by South Lincoln Rural Water
Application No. 4300-3B, in Lincoln County, South Dakota. Please publish
this notice once each week for two consecutive weeks in your paper. The first publi-
cation should be on, or before December 4, 1985.

Please bill the Water Rights Division for the cost of the publications.

Please receipt for this notice IMMEDIATELY after first publication attaching thereto
a copy of the first publication so that it may be compared with the records. For
your convenience, you may use the printed form below for this purpose.

After final publication please complete and mail to this office, the enclosed Form
to furnish Proof of Publication. The permit to appropriate water cannot be considered
by the Water Management Board until proof of publication has been received.

Very truly yours,

KEVIN C LARSON
Water Resources Engineer

enclosures

No. 4300-3B

Date _____

TO: Water Rights Division
Joe Foss Building
Pierre SD 57501

We are in receipt of your letter of _____, 1984 enclosing Notice of Proposed
Appropriation of Water, as proposed in Application No. _____ which was first
published in our issue of _____, 1984. ENCLOSED IS A COPY OF THIS FIRST
PUBLICATION.

NAME _____

NEWSPAPER _____

Equal Opportunity Employer

L



Department of
Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

Water Rights Division
605 773-3352

No. 4300-3B

November 25, 1985

The New Era
Box 577
Parker SD 57053

Dear Sir:

Enclosed is a Notice of Intent to Appropriate Water by South Lincoln Rural Water
Application No. 4300-3B, in Turner County, South Dakota. Please publish
this notice once each week for two consecutive weeks in your paper. The first publi-
cation should be on, or before December 4, 1985.

Please bill the Water Rights Division for the cost of the publications.

Please receipt for this notice IMMEDIATELY after first publication attaching thereto
a copy of the first publication so that it may be compared with the records. For
your convenience, you may use the printed form below for this purpose.

After final publication please complete and mail to this office, the enclosed Form
to furnish Proof of Publication. The permit to appropriate water cannot be considered
by the Water Management Board until proof of publication has been received.

Very truly yours,

KEVIN C LARSON
Water Resources Engineer

enclosures

No. 4300-3B

Date _____

TO: Water Rights Division
Joe Foss Building
Pierre SD 57501

We are in receipt of your letter of _____, 1984 enclosing Notice of Proposed
Appropriation of Water, as proposed in Application No. _____ which was first
published in our issue of _____, 1984. ENCLOSED IS A COPY OF THIS FIRST
PUBLICATION.

NAME _____

NEWSPAPER _____

Equal Opportunity Employer



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

Water Rights Division
605 773-3352

No. 4300-3B

November 25, 1985

The Leader-Courier
Box 310
Elk Point SD 57025

Dear Sir:

Enclosed is a Notice of Intent to Appropriate Water by South Lincoln Rural Water
Application No. 4300-3B, in Union County, South Dakota. Please publish
this notice once each week for two consecutive weeks in your paper. The first publi-
cation should be on, or before December 4, 1985.

Please bill the Water Rights Division for the cost of the publications.

Please receipt for this notice IMMEDIATELY after first publication attaching thereto
a copy of the first publication so that it may be compared with the records. For
your convenience, you may use the printed form below for this purpose.

After final publication please complete and mail to this office, the enclosed Form
to furnish Proof of Publication. The permit to appropriate water cannot be considered
by the Water Management Board until proof of publication has been received.

Very truly yours,

KEVIN C LARSON
Water Resources Engineer

enclosures

No. 4300-3B

Date _____

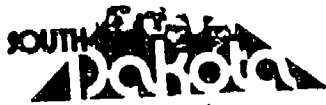
TO: Water Rights Division
Joe Foss Building
Pierre SD 57501

We are in receipt of your letter of _____, 1984 enclosing Notice of Proposed
Appropriation of Water, as proposed in Application No. _____ which was first
published in our issue of _____, 1984. ENCLOSED IS A COPY OF THIS FIRST
PUBLICATION.

NAME _____

NEWSPAPER _____

Equal Opportunity Employer



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181
November 25, 1985

Water Rights Division
605 773-3352

No. 4300-3B

Argus Leader
PO Box 5034
Sioux Falls SD 57117

Dear Sir:

Enclosed is a Notice of Intent to Appropriate Water by South Lincoln Rural Water
Application No. 4300-3B, in Minnehaha County, South Dakota. Please publish
this notice once each week for two consecutive weeks in your paper. The first publi-
cation should be on, or before December 4, 1985.

Please bill the Water Rights Division for the cost of the publications.

Please receipt for this notice IMMEDIATELY after first publication attaching thereto
a copy of the first publication so that it may be compared with the records. For
your convenience, you may use the printed form below for this purpose.

After final publication please complete and mail to this office, the enclosed Form
to furnish Proof of Publication. The permit to appropriate water cannot be considered
by the Water Management Board until proof of publication has been received.

Very truly yours,

KEVIN C LARSON
Water Resources Engineer

enclosures

No. 4300-3B

Date _____

TO: Water Rights Division
Joe Foss Building
Pierre SD 57501

We are in receipt of your letter of _____, 1984 enclosing Notice of Proposed
Appropriation of Water, as proposed in Application No. _____ which was first
published in our issue of _____, 1984. ENCLOSED IS A COPY OF THIS FIRST
PUBLICATION.

NAME _____

NEWSPAPER _____

Equal Opportunity Employer

Affidavit of Publication

STATE OF SOUTH DAKOTA)

COUNTY OF TURNER)

ss.

Earl J. Bormann

of said County and State, being duly sworn, on his oath says:

THE NEW ERA is a weekly newspaper of general circulation, printed and published in Parker, in Turner County and State of South Dakota by Earl J. Bormann, and has been such a newspaper during the times hereinafter mentioned; that the said newspaper is a legal newspaper, that it has a bonafide circulation of more than 200 copies weekly, that it has been published within said county of Turner in the English language for more than fifty-two successive weeks next prior to the publication of the notice hereinafter mentioned, and has been printed during said period and at the present time, in whole or in part in an office maintained at the said place of publication; and that I, the undersigned, am

Editor

of said newspaper, in charge of the advertising department thereof, and have personal knowledge of all facts stated in this affidavit; that the advertisement headed Readvertisement of Notice of Hearing on Application No. 4300-3B to Amend Water Permit Nos. 4300-3 & 4300-3A a printed copy of which is hereto attached, was printed and published in the said newspaper for two times; that said notice was published in the issues of said newspaper on the dates as follows, to-wit:

The first publication being made on Thurs. Nov. 28th, 1985
the second publication on Thursday, December 5th, 1985
the third publication on _____, 19____;
the fourth publication on _____, 19____;
the fifth publication on _____, 19____;
the sixth publication on _____, 19____;
and the last publication on _____, 19____;

that \$ 43.77 the full amount of the fee charged for publication of the annexed notice, insures solely to the benefit of the publishers of the said newspaper; that no arrangements or understanding for a division thereof has been made with any person, and that no part thereof has been agreed to be paid to any person whomsoever.

Subscribed and sworn to before me this 5th day of December, 1985

Notary Public, Turner County, South Dakota.

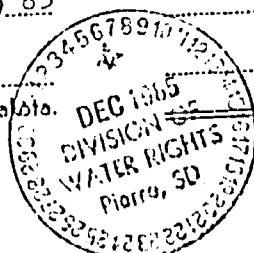
Readvertisement of
NOTICE OF HEARING
on Application No. 4300-3B to
Appropriate Water and to Amend Water
Permit Nos. 4300-3 & 4300-3A
Notice is hereby given that South Lincoln Rural Water System whose mailing address is PO Box 155, Canton, South Dakota has made an application for a permit to appropriate water and to amend Water Permit Nos. 4300-3 and 4300-3A. Application No. 4300-3B is being readvertised to provide additional information. The hearing scheduled for December 4, 1985 has been cancelled. The purpose of the amendment is to delete the qualification from Permit Nos. 4300-3 and 4300-3A that limits annual withdrawals by the Rural Water System to 455 acre feet. Water Permit No. 4300-3 was approved for 2.0 cubic feet per second from three wells to be located in the NE 1/4 Section 20 and SE 1/4 Section 32, T98N, R50W and SW 1/4 Section 36, T98N, R51W. Water Permit No. 4300-3A authorized a change in the location of Well #3 from the SW 1/4 Section 36, T98N, R31W to the SW 1/4 Section 35, T98N, R50W. The three wells developed under Permit Nos. 4300-3 and 4300-3A are capable of diverting a total of 650 gpm and the diversion rates will not exceed Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

This hearing is an adversary proceeding. The applicant or any person, after filing a petition, has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

Any person wishing a copy of the Chief Engineer's recommendation, further information on this application or to assure access to the hearing by the handicapped can contact the Water Rights Division, DWRN, Joe Foss Bldg, Pierre SD (605 773-3352) for assistance prior to the hearing date. The time of the hearing will be automatically extended for at least twenty days upon written request of the applicant or any person who has filed a petition to oppose or support the application. The request for extension must be filed with the Chief Engineer by January 3, 1986.

(2tc36 - Nov. 28 & Dec. 5, 1985)

Publication Fees \$ 43.77
Notary Fee 1.00
Received Payment, 44.77



J.E.A.
NOTARY PUBLIC
SOUTH DAKOTA
My Commission Expires 3/1/93

Form 3 - Proof of Publication - Notice of
Intent to Appropriate Water

No. 4300-3B

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Lincoln) ss.

I, Connie Renli hereby

certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the SIoux Valley News

A newspaper which during the whole time of publication of said notice
herein after stated, has been and is printed and published in the _____

City _____ of _____ Canton _____

County of Lincoln and State of South Dakota;
that the said notice was published in said newspaper on the following
two dates:

December 5, 1985

December 12, 1985

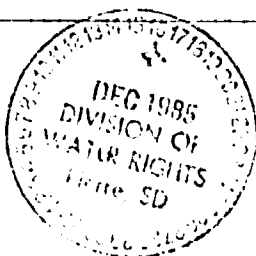
Connie Renli
(Signature)

Bookkeeper
(Title)

December 12, 1985
(Date Signed)

Cost of Printing: \$55.46

WNR-808-7/79
Proof of Publication



and 4) in the public interest.

This application will be considered by the Water Management Board during a special Board meeting conducted via telephone conference call in Room 425, Joe Foss Building, Pierre, South Dakota January 13, 1986, at 9:00 a.m.

The recommendation of the Chief Engineer is not final or binding upon the Board and the Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny this application after it reaches a conclusion based upon facts presented at the public hearing. Any interested person who may be affected by a Board decision and who intends to participate in the hearing before the Board and present evidence or cross-examine witnesses according to SDCL 46-1-26, must file a written petition with BOTH the applicant and the Chief Engineer by January 3, 1986. The petition may be informal, but it must include a statement describing the petitioner's interest in the application, the reasons for the petitioner's opposition to or support of the application, and the signature and mailing address of the petitioner or his legal counsel. If legal counsel is obtained, the applicant need not file a petition. If there are any written petitions in opposition to this application, the hearing will be continued until the next regular Board meeting, March 5 and 6, 1986.

READVERTISEMENT OF
NOTICE OF HEARING
ON APPLICATION NO. 4300-3B
TO APPROPRIATE WATER AND
TO AMEND WATER PERMIT
NOS. 4300-3 & 4300-3A

Notice is hereby given that South Lincoln Rural Water System whose mailing address is P.O. Box 155, Canton, South Dakota has made an application for a permit to appropriate water and to amend Water Permit Nos. 4300-3 and 4300-3A. This application is being readvertised to provide additional information: SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 46-2-3, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-14; 46-2A-15; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; and Board Rules ARSD 74.02.01 thru 74.02.01:15.

The hearing scheduled for December 4, 1985 has been cancelled. The purpose of the amendment is to delete the qualification from Permit Nos. 4300-3 and 4300-3A that limits annual withdrawals by the Rural Water System to 455 acre feet. Water Permit No. 4300-3 was approved for 2.0 cubic feet per second from three wells to be located in the NE 1/4 Section 20 and SE 1/4 Section 32, T88N, R50W and SW 1/4 Section 36, T88N, R51W. Water Permit No. 4300-3A authorized a change in the location of Well No. 3 from the SE 1/4 36, T88N, R51W to the S 1/2 Section 35, T88N, R50W. The three wells developed under Permit Nos. 4300-3 and 4300-3A are capable of diverting a total of 650 gpm and the diversion rates will not change under Application No. 4300-3B. The additional water diverted from the three existing wells authorized by Permit Nos. 4300-3 and 4300-3A will be used to provide water for rural water system use.

This hearing is an adversary proceeding. The applicant or any person, after filing a petition, has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

Any person wishing a copy of the Chief Engineer's recommendation, further information on this application or to assure access to the hearing by the handicapped can contact the Water Rights Division, DWNR, Joe Foss Bldg, Pierre, SD (605 773-3352) for assistance prior to the hearing date. The time of the hearing will be automatically extended for at least twenty days upon written request of the applicant or any person who has filed a petition to oppose or support the application. The request for extension must be filed with the Chief Engineer by January 3, 1986.

Pursuant to SDCL 46-2A-2, the Chief Engineer of the Water Rights Division recommends APPROVAL of Application 4300-3B because 1) unappropriated water is available, 2) will be no unlawful impairment of existing rights, 3) is beneficial use of water

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Minnehaha) ss

I, R. Deutschner hereby

certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the Argus Leader

A newspaper which during the whole time of publication of said notice
herein after stated, has been and is printed and published in the _____

_____ City _____ of _____ Sioux Falls _____

County of Minnehaha and State of South Dakota;
that the said notice was published in said newspaper on the following
two dates:

_____ December 4, 1985 _____

_____ December 11, 1985 _____

R. Deutschner
(Signature)

_____ Controller _____
(Title)

_____ 12/11/85 _____
(Date Signed)

Readvertisement of NOTICE
OF HEARING on Application
No. 4300-3B to Appropriate
Water and to Amend Water
Permit Nos. 4300-3 & 4300-1A.
Notice is hereby given that
South Lincoln Rural Water Sys-
tem whose mailing address is
P.O. Box 155, Canton, South Da-
kota, has made an application for
a permit to appropriate water
and to amend Water Permit Nos.
4300-3 and 4300-1A. Application

No. 4300-3B is being readvertised
to provide additional informa-
tion. The hearing scheduled for
December 4, 1985 has been can-
celled. The purpose of the
amendment is to delete the quali-
fication from Permit Nos. 4300-3
and 4300-1A that limits annual
withdrawals by the Rural Water
System to 455 acre feet. Water
Permit No. 4300-3 was approved
for 7.0 cubic feet per second from
three wells to be located in the
NE 1/4 Section 20 and SE 1/4 Section
32, T98N, R50W, and SW 1/4 Sec-
tion 34, T98N, R51W. Water Per-
mit No. 4300-1A authorized a
change in the location of Well #3
from the SW 1/4 Section 34, T98N,
R51W to the SW 1/4 Section 35, T98N,
R50W. The three wells developed
under Permit Nos. 4300-3 and
4300-1A are capable of diverting
a total of 650 gpm and the diver-
sion rates will not change under
Application No. 4300-1B. The ad-
ditional water diverted from the
three existing wells authorized
by Permit Nos. 4300-3 and 4300-
1A will be used to provide water
for rural water system use.

Pursuant to SDCL 46-2A-2, the
Chief Engineer of the Water
Rights Division recommends
APPROVAL of Application 4300-
1B because 1) unappropriated
water is available, 2) will be no
unlawful impairment of existing
rights, 3) is beneficial use of
water and 4) in the public inter-
est.

This application will be consid-
ered by the Water Management
Board during a special Board
meeting conducted via telephone
conference call in Room 425, Joe
Foss Building, Pierre, SD Janu-
ary 13, 1986, at 9:00 a.m.

The recommendation of the
Chief Engineer is not final or
binding upon the Board and the
Board is authorized to 1) ap-
prove, 2) deny, or 3) deny this
application after it reaches a
conclusion based upon facts pre-
sented at the public hearing. Any
interested person who may be
affected by a Board decision and
who intends to participate in the
hearing before the Board and

present evidence or cross exam-
ine witnesses according to SDCL
1-26, must file a written petition
with BOTH the applicant and the
Chief Engineer by January 3,
1986. The petition may be infor-
mal, but it must include a state-
ment describing the petitioner's
interest in the application, the
reasons for the petitioner's op-
position to or support of the applica-
tion, and the signature and mail-
ing address of the petitioner or
his legal counsel if legal counsel
is obtained. The applicant need
not file a petition. If there are
any written petitions in opposi-
tion to this application, the hear-
ing will automatically be contin-
ued until the next regular Board
meeting March 5 and 6, 1986.

This application is made pur-
suant to the provisions of SDCL
46-1-1 thru 46-1-9, 46-1-12 thru 46-1-
15, 46-3-3, 46-3-9, 46-2-11, 46-2-13,
46-2-17, 46-2A-1 thru 46-2A-19, 46-
2A-12, 46-2A-14, 46-2A-15, 46-3-1
thru 46-3-11, 46-3-13 thru 46-3-15,
46-3-24, 46-3-27, 46-3-30, 46-3-33,
46-3-31, 46-6-1, 46-6-14, and Board
Rules ARSD 74:02:01.01 thru
74:02:01.15.

This hearing is an adversary
proceeding. The applicant or any
person, after filing a petition, has
the right to be present or to be
represented by a lawyer. These
and other due process rights will
be forfeited if they are not exer-
cised. Decisions of the Board
may be appealed to the Circuit
Court and the State Supreme
Court as provided by law.

Any person wishing a copy of
the Chief Engineer's recommen-
dation, further information on
this application or to assure ac-
cess to the hearing by the handi-
capped can contact the Water
Rights Division, DWRNR, Joe
Foss Bldg., Pierre, SD (605 773-
3352) for assistance prior to the
hearing date. The time of the
hearing will be automatically ex-
tended for at least twenty days
upon written request of the ap-
plicant or any person who has filed
a petition to oppose or support
the application. The request for
extension must be filed with the
Chief Engineer by January 3,
1986.

332 Dec. 4 & 11, 1985

Cost of Printing: \$102.10



No. 4300-3B

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Union) ss.

I, Lester E. Emerson hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the The Leader-Courier

A newspaper which during the whole time of publication of said notice
herein after stated, has been and is printed and published in the

City Elk Point of

County of Union and State of South Dakota;
that the said notice was published in said newspaper on the following
two dates:

December 5, 1985

December 12, 1985

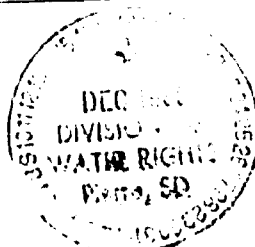
Lester E. Emerson
(Signature)

Editor-Publisher
(Title)

December 12, 1985
(Date Signed)

Cost of Printing: 53.57

WNR-808-7/79
Proof of Publication



READVERTISEMENT OF
NOTICE OF HEARING ON
APPLICATION NO. 4300-3B TO
APPROPRIATE WATER AND
TO AMEND WATER PERMIT
NOS. 4300-3 and 4300-3A

Notice is hereby given that
South Lincoln Rural Water Sys-
tem whose mailing address is PO
Box 155, Canton, South Dakota
has made an application for a per-
mit to appropriate water and to
amend Water Permit Nos. 4300-3
and 4300-3A. Application No.
4300-3B is being readvertised to
provide additional information.
The hearing scheduled for Decem-
ber 4, 1985 has been cancelled.
The purpose of the amendment is
to delete the qualification from

a talk entitled, "Beat the Blues
Trip". Christine Litchfield gave
Citizenship Washington Focus
Kim Morrow gave a talk on
gifts. The members decided to give
Christmas gifts to the needy
children, and also to exchange
gifts among themselves. A limit
of \$2.00 was set for Christmas
gifts. The members discussed the
Recognition Event, Busy Fing-
ers received second place for
Community Service.
The members discussed the
pledge was led by Jenni Kool-
leading the flag pledge. The 4-H
Kim Morrow presiding, with
the home of Kim Morrow, with
met Thursday, November 21, at
The Busy Fingers 4-H Club
November Meeting

Busy Fingers Hold
November Meeting

Barkmeier on the 17th.
last on the 18th, and Maxine
Steffen on the 8th; Evaline Stef-
ber birthdays include Minnie
Residents celebrating Decem-
Clara Mackey.
Kittler, Edgar Schmidt and
Bernard, Eunice Anderson, Otto
mehl, O. D. Hansen, Lucille
cility for dinner. Frank Hono-
ing residents went out of the fa-
Thanksgiving Day, the follow-
pine cones.
have been busy making center-
A number of the residents
predicted their visit.
as other countries. Everyone ap-
over the United States, as well
lan music. The group travels all
music and contemporary chris-
sang familiar hymns, Gospel
the center in November. They
Reach Out Singers performed at
A young group called The

John E. Emerson
 (Signature)

 Editor-Publisher
 (Title)

 December 12, 1985
 (Date Signed)

Cost of Printing: 53.57

WNR-808-7/79
 Proof of Publication



additional water diverted from the three existing wells authorized by Permit Nos. 4300-9 and 4300-3A will be used to provide water for rural water system use.
 Pursuant to SDCL 43-2A-2, the Chief Engineer of the Water Rights Division recommends APPROVAL of Application 4300-3B because 1) unappropriated water is available, 2) will be no unlawful impairment of existing rights, 3) is beneficial use of water and 4) in the public interest.

This application will be considered by the Water Management Board during a special Board meeting conducted via telephone conference call in Room 425, Joe Foss Building, Pierre, SD, January 13, 1986, at 9:00 a.m.

The recommendation of the Chief Engineer is not final or binding upon the Board and the Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny this application after it reaches a conclusion based upon facts presented at the public hearing. Any interested person who may be affected by a Board decision and who intends to participate in the hearing before the Board and present evidence or cross-examine witnesses according to SDCL 1-2-2.

ere interest in the application, the reasons for the petitioner's opposition to or support of the application, and the signature and mailing address of the petitioner or his legal counsel if legal counsel is obtained. The applicant need not file a petition. If there are any written petitions in opposition to this application, the hearing will automatically be continued until the next regular Board meeting, March 5 and 6, 1986.

This application is made pursuant to the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

This hearing is an adversary proceeding. The applicant or any person, after filing a petition, has the right to be present or to be represented by a lawyer. There and other due-process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

Any person wishing a copy of the Chief Engineer's recommendation, further information on this application or to assure success to the hearing by the hearing can contact the Water Rights Division, DWR, Joe Foss Building, Pierre, SD (605-773-3333) for assistance prior to the hearing. The time of the hearing will be automatically extended for twenty days upon written request of the applicant or any person who has filed a petition to oppose or support the application.

**SOUTH DAKOTA Department of
Water & Natural Resources**

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

Water Rights Division
605 773-3352

March 14, 1985

NOTICE

TO: South Lincoln Rural Water System and Other Persons Interested In
Application No. 4300-3B

FROM: John Hatch, Chief Engineer
Water Rights Division *John Hatch*

SUBJECT: Preparation of Findings of Fact, Conclusions of Law and a Final
Decision

The Water Management Board has directed Mr. Guhin, the Board's attorney to prepare proposed Findings of Fact, Conclusions of Law and a Final Decision regarding approval of Water Permit Application No. 4300-3B, South Lincoln Rural Water System. The Board will consider the proposed Findings, Conclusions and Final Decision at 11:15 am, May 14, 1986, Room 216, Joe Foss Building, Pierre SD.

The Board has requested that a copy of the proposed Findings, Conclusions and Final Decision be mailed to the Board and other interested parties by April 23, 1986. Any comments pertaining to the proposed Findings, Conclusions and Decision are to be mailed to the Board and other interested parties by May 7, 1986.

The public hearing on Water Permit Application No. 4300-3B was completed March 5, 1986. No additional testimony on this application will be received on May 14, 1986.

cc: John Guhin, Assistant Attorney General

Equal Opportunity Employer

CERTIFICATION

I hereby certify that on March 14, 1986, I have personally deposited with the U.S. Mail, postage prepaid envelopes containing a Notice for Application No. 4300-3B address to those persons listed below.

John Sievers, Manager, SLRWS, PO Box 155, Canton SD 57013
David Holman, DeWild, Grant & Reckert, 315 1st Ave, Rock Rapids IA 51246
Dennis McFarland, 505 W 9th, Sioux Falls SD 57101
Wanda Sletten, FODSA, Rt 2, Box 83, Beresford SD 57004
Jeff Masten, PO Box 348, Canton SD 57013-0348

Karen Schlaak

Karen Schlaak
Administrative Aide

STATE OF SOUTH DAKOTA)
COUNTY OF HUGHES) SS

Sworn to, before me, this 14th day of March, 1986.



John Hatch
Notary Public

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

No 4-10201-

Pierre, September 26

19 85

RECEIVED OF South Lincoln Rural Water System, Box 155, Canton SD 57013

the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. _____ to Appropriate Water, to construct works and to put water to beneficial use _____

50 00

Fee for Application for Permit No. _____ to Appropriate Water for Future Use _____

Fee to retain Future Use Permit No. _____ after period of seven years.

Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____

Fee for Filing Transfer Form _____

Fee for Filing Extension Request _____

Fee for Certified Copy of _____

Fee for Print Copy of Map _____

Fee for Certifying _____

Fee for _____ (Any Other Work Provided by Law)

Total

50 00

By

Chief Engineer

JOHN HATCH

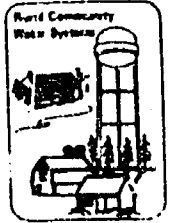
ks

**South
Lincoln
Rural Water**

Box 155

Canton, South Dakota

Ph. 372-4211



September 20, 1985

Department of Water and Natural Resources
Water Rights Division
Joe Foss Building
Pierre, SD 57501

Attn: John Hatch

Re: Permits 4300-3 and 4300-3A
South Lincoln Rural Water



Dear Mr. Hatch:

Please find attached an application and filing fee requesting the amendment of the above referenced permits deleting the following restriction:

- "1. That the System be limited to an annual withdrawal of 455 acre-feet and that the total withdrawal be subject to review by the Board;"

Based upon current and future water demand projections, annual withdrawals in excess of 455 acre-feet will be necessary to meet system needs. See attached Feasibility Study for Water Service to City of Lennox - Water Demand Projections - pages 4 and 5.

Reviewing available data, water levels in the well field area have not changed significantly. Per the attached Well Field Summary, water levels have been quite stable after initial operation and drawdown. It is our understanding that all other State monitored observation wells have also been stable since the initial cone of depression was established.

As a matter of information, water level measurements at the observation wells associated with production Wells 1, 2 and 3 are attached.

Should you have questions please call.

Very truly yours,

John Sievers, Manager
South Lincoln Rural Water

JS:jkv

SOUTH LINCOLN RURAL WATER

WELL FIELD SUMMARY

Time Frame	Water Use				Water Levels		
	W.W.		W.W.		Obs. W. No. 1	Obs. W. No. 2	Obs. W. No. 3
	No. 1	No. 2	No. 2	No. 3			
				Quarterly Use			
Apr.-June '81 July-Sept. Oct.-Dec.	4,306,900	4,511,800	---	8,818,700	---	---	---
	14,197,900	3,563,400	---	17,761,300	---	---	---
	4,992,700	17,313,500	---	22,306,200	164	182	---
Jan.-Mar. '82 Apr.-June July-Sept. Oct.-Dec.	15,209,300	8,733,000	---	23,942,300	172	175	---
	8,561,800	15,585,200	---	24,147,000	---	178	---
	13,161,600	13,847,600	---	27,009,200	---	182	---
	10,685,900	10,922,700	---	21,608,600	---	177	---
Jan.-Mar. '83 Apr.-June July-Sept. Oct.-Dec.	13,724,700	9,408,800	---	23,133,500	170	180	---
	16,485,800	12,872,400	---	29,358,200	175	175	---
	18,402,900	13,771,600	---	32,174,500	172	180	---
	12,678,200	12,555,500	862,500	26,096,200	172	180	207
Jan.-Mar. '84 Apr.-June July-Sept. Oct.-Dec.	15,492,000	9,748,800	4,474,400	29,715,200	170	172	225
	9,543,000	13,971,800	4,601,800	28,116,600	168	179	233
	14,238,700	14,759,400	4,651,800	33,649,900	173	177	236
	11,084,500	13,749,200	3,486,600	28,320,300	170	177	235
Jan.-Mar. '85 Apr.-June	11,975,100	12,443,100	4,357,390	28,775,590	172	180	231
	15,123,300	15,370,500	4,561,100	35,054,900	170	179	234

Instruction to Newspaper - Publish first publication of the following Notice on or before October 24, 1985 with 2nd publication 1 week later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 4300-3B to Appropriate Water
and ~~for~~ to Amend Water Permit ~~or Water Right~~ No. 4300-3 and 4300-3A

Notice is hereby given that South Lincoln Rural Water System whose mailing address is PO Box 155 Canton, South Dakota has made an application for a permit to appropriate water and to amend water permits No. 4300-3 and 4300-3A. The purpose of the amendment is to delete the qualifications limiting annual withdrawals by the Rural Water System to 455 acre feet.

Pursuant to SDCL 46-2A-2 the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 4300-3B because 1) unappropriated water is available, 2) will be no unlawful impairment of existing rights, 3) is beneficial use of water and 4) is in the public interest.

This application will be considered by the Water Management Board at Howard Johnson
Badlands Room, 2211 LaCrosse, Rapid City, SD on December 4 1985 at 10:00 am.

The recommendation of the Chief Engineer is not final or binding upon the Board and the Board is authorized to make a determination on this application after it reaches a conclusion based upon facts presented at the public hearing. Any interested person who may be affected by a Board decision and who intends to participate in the hearing before the Board and present evidence or cross-examine witnesses according to SDCL 1-26, must file a written petition with BOTH the Applicant and the Chief Engineer by November 22, 1985. The petition may be informal, but it must include a statement describing the petitioners interest in the application, the reason for the petitioner's opposition to or support of the application, and the signature and mailing address of the petitioner or his legal counsel if legal counsel is obtained. The applicant need not file a petition.

This application is made pursuant to the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-31; ~~(ground)~~ 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; ~~(future use)~~ ~~46-5-38 thru 46-5-40; (transfer lands) 46-5-30.4, 46-5-33 thru 46-5-35; (10,000 AFA)~~ ~~46-5-20.1, 46-5-8.1; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15; (future use)~~ ~~74:02:01:24 thru 74:02:01:25; (10,000 AFA) 74:02:01:15:02 thru 74:02:01:15:05.~~

This hearing is an adversary proceeding. The applicant or any person, after filing a petition, has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

Any person wishing a copy of the Chief Engineer's recommendation, further information on this application or to assure access to the hearing by the handicapped can contact the Water Rights Division, DWNR, Joe Foss Bldg, Pierre SD (605 773-3352) for assistance prior to the hearing date. The time of the hearing will be automatically extended for at least twenty days upon written request of the applicant or any person who has filed a petition to oppose or support the application. The request for extension must be filed with the Chief Engineer by November 22, 1985.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County of Turner) ss

I, EARL J. BORMANN hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the _____

A newspaper which during the whole time of publication of said notice
herein after stated, has been and is printed and published in the _____

New ERA of Parker, SD.,

County of Turner and State of South Dakota;
that the said notice was published in said newspaper on the following
two dates:

THURSDAY, OCTOBER 24, 1985

THURSDAY, OCTOBER 31, 1985

EARL J. BORMANN
(Signature)

Editor
(Title)

(Date Signed)

Cost of Printing: at legal line rate

\$39.94

NOTICE OF HEARING
on Application No. 4300-3B
To Appropriate Water and to
Amend Water Permits
No. 4300-3 and 4300-3A

Notice is hereby given that South Lincoln Rural Water System, whose mailing address is PO Box 155, Canton, South Dakota, has made an application for a permit to appropriate water and to amend water permits No. 4300-3 and 4300-3A. The purpose of the amendment is to delete the qualifications limiting annual withdrawals by the Rural Water System to 455 acre feet.

Pursuant to SDCL 46-2A-2 the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 4300-3B because 1) unappropriated water is available, 2) will be no unlawful impairment of existing rights, 3) is beneficial use of water, and 4) is in the public interest.

This application will be considered by the Water Management Board at Howard Johnson Badlands Room, 2211 LeCrosse, Rapid City, SD on December 4, 1985 at 10:00 a.m.

The recommendation of the Chief Engineer is not final or binding upon the Board and the Board is authorized to make a determination on this application after it reaches a conclusion based upon facts presented at the public hearing. Any interested person who may be affected by a Board decision and who intends to participate in the hearing before the Board and present evidence or cross-examine witnesses according to SDCL 1-26, must file a written petition with BOTH the Applicant and the Chief Engineer by November 22, 1985. The petition may be informal, but it must include a statement describing the petitioner's interest in the application, the reason for the petitioner's opposition to or support of the application, and the signature and mailing address of the petitioner or his legal counsel if legal counsel is obtained. The applicant need not file a petition.

This applicant is made pursuant to the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-13; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-31; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

This hearing is an advisory proceeding. The applicant or any person, after filing a petition, has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

Any person wishing a copy of the Chief Engineer's recommendation, further information on this application or to assure access to the hearing by the handicapped can contact the Water Rights Division, DWR, Joe Foss Bldg, Pierre SD (605 773-3352) for assistance prior to the hearing date. The time of the hearing will be automatically extended for at least twenty days upon written request of the applicant or any person who has filed a petition to oppose or support the application. The request for extension must be filed with the Chief Engineer by November 22, 1985.

(2tc31—October 24 & 31, 1985)

No. 4300-3B

SOUTH DAKOTA
Department of
Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501
605 773-3352
Water Rights Division

October 18, 1985

Earl Bormann, Publisher
The New Era
Box 577
Parker, South Dakota 57053

Dear Sir:

Enclosed is a Notice of Intent to Appropriate Water by South Lincoln Rural Water System
Application No. 4300-3B, in Turner County, South Dakota. Please
publish this notice once each week for two consecutive weeks in your paper. The first
publication should be on, or before October 24, 1985.

The APPLICANT MUST VERIFY TO YOU THAT THE NOTICE IS TO BE PUBLISHED, before you make
the first publication. The applicant is to pay the cost of publication and should
make the necessary arrangements with you to pay these costs.

Please receipt for this notice IMMEDIATELY after first publication attaching thereto
a copy of the first publication so that it may be compared with the records. For
your convenience, you may use the printed form below for this purpose.

After final publication please complete and mail to this office, the enclosed Form
8 to furnish Proof of Publication. The permit to appropriate water cannot be con-
sidered by the Water Management Board until proof of publication has been received.

Very truly yours,

John H. Larson
KEVIN C LARSON
Natural Resources Engineer

enclosures
KCL:ma

cc: applicant

NO. _____

Date _____

TO: Water Rights Division
Joe Foss Building
Pierre SD 57501

We are in receipt of your letter of _____, 19____ enclosing Notice of Proposed
Appropriation of Water, as proposed in Application No. _____ which was first
published in our issue of _____, 19____. ENCLOSED IS A COPY OF THIS FIRST
PUBLICATION.

NAME _____

NEWSPAPER _____

WNR-807-4/83

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Union) ss.

I, Lester E. Emerson hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the The Leader-Courier

A newspaper which during the whole time of publication of said notice
herein after stated, has been and is printed and published in the

City of Elk Point

County of Union and State of South Dakota;
that the said notice was published in said newspaper on the following
two dates:

October 24, 1985
October 31, 1985

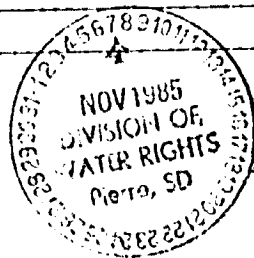
Lester E. Emerson
(Signature)

Editor and Publisher
(Title)

October 31, 1985
(Date Signed)

Cost of Printing: \$39.88

WNR-808-7/79
Proof of Publication



NOTICE OF HEARING ON
APPLICATION NO. 4300-3B TO
APPROPRIATE WATER AND
TO AMEND WATER PERMITS
No. 4300-3 and 4300-3A

Notice is hereby given that
South Lincoln Rural Water Sys-
tem whose mailing address is P.
O. Box 155, Canton, South Dakota
has made an application for a per-
mit to appropriate water and to
amend water permits No. 4300-3
and 4300-3A. The purpose of the
amendment is to delete the quali-
fications limiting annual with-
drawals by the Rural Water Sys-
tem to 455 acre feet.

Pursuant to SDCL 46-2A-2 the
Chief Engineer of the Water
Rights Division recommends APL
PROVAL of Application No. 4300-
3B because 1) unappropriated wa-
ter is available, 2) will be no un-
lawful impairment of existing
rights, 3) is beneficial use of water
and 4) is in the public interest.

This application will be consid-
ered by the Water Management
Board at Howard Johnson, Bad-
lands Room, 2211 LaCrosse, Rapid
City, SD on December 4, 1985, at
10:00 a.m.

The recommendation of the
Chief Engineer is not final or bind-
ing upon the Board and the Board
is authorized to make a determina-
tion on this application after it
reaches a conclusion based upon
facts presented at the public hear-
ing. Any interested person who
may be affected by a Board deci-
sion and who intends to partici-
pate in the hearing before the
Board and present evidence or
cross-examine witnesses according
to SDCL 1-26, must file a written
petition with BOTH the Applicant
and the Chief Engineer by Novem-
ber 22, 1985. The petition may be
informal, but it must include a
statement describing the petition-
ers interest in the application, the
reason for the petitioner's opposi-
tion to or support of the applica-
tion, and the signature and mail-
ing address of the petitioner or his
legal counsel if legal counsel is ob-
tained. The applicant need not file
a petition.

This application is made pursu-
ant to the provisions of SDCL
46-1-1 thru 46-1-9, 46-1-12 thru
46-1-15; 46-2-1; 46-2-3, 46-2-11;
46-2-13, 46-2-17; 46-2A-1 thru 46-
2A-10, 46-2A-12, 46-2A-14, 46-2A-
15; 46-5-1 thru 46-5-11, 46-5-13
thru 46-5-15, 46-5-24, 46-5-25, 46-
5-30.2, 46-5-31; 46-6-3; 46-6-8.1,
46-6-8.1, 46-6-10, 46-6-13, 46-6-14;
and Board Rules ARSD 74:02:01.01
thru 74:02:01.15.

This hearing is an adversary
proceeding. The applicant or any
person, after filing a petition, has
the right to be present or to be
represented by a lawyer. These
and other due process rights will
be forfeited if they are not exer-



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

605 773-3352
Water Rights Division

No. 4300-3B

October 18, 1985

~~Leaton~~ Emerson, Publisher
The Leader-Courier
Box 310
Elk Point, South Dakota 57025

Dear Sir:

Enclosed is a Notice of Intent to Appropriate Water by South Lincoln Rural Water System
Application No. 4300-3B, in Union County, South Dakota. Please
publish this notice once each week for two consecutive weeks in your paper. The first
publication should be on, or before October 24, 1985.

The APPLICANT MUST VERIFY TO YOU THAT THE NOTICE IS TO BE PUBLISHED, before you make
the first publication. The applicant is to pay the cost of publication and should
make the necessary arrangements with you to pay these costs.

Please receipt for this notice IMMEDIATELY after first publication attaching thereto
a copy of the first publication so that it may be compared with the records. For
your convenience, you may use the printed form below for this purpose.

After final publication please complete and mail to this office, the enclosed Form
8 to furnish Proof of Publication. The permit to appropriate water cannot be con-
sidered by the Water Management Board until proof of publication has been received.

Very truly yours,

Kevin C. Larson
KEVIN C LARSON
Natural Resources Engineer

enclosures

KCL:ms

cc: applicant

NO. _____

Date _____

TO: Water Rights Division
Joe Foss Building
Pierre SD 57501

We are in receipt of your letter of _____, 19____ enclosing Notice of Proposed
Appropriation of Water, as proposed in Application No. _____ which was first
published in our issue of _____, 19____. ENCLOSED IS A COPY OF THIS FIRST
PUBLICATION.

NAME _____

NEWSPAPER _____

WNR-807-4/83

NOTICE OF HEARING
 An Application No. 4300-38
 to appropriate water
 Notice is hereby given that
 South Lincoln Rural Water Sys-
 tem, whose mailing address is
 P.O. Box 155, Canton, South Da-
 kota, has made an application for
 a permit to appropriate water
 and to amend water permits No.
 4300-3 and 4300-1A. The purpose
 of the amendment is to delete the
 qualifications limiting annual
 withdrawal of the Rural Water
 System to 432 acre feet.
 Pursuant to SDCL 44-2A-2 the
 Chief Engineer of the Water
 Rights Division recommends
 APPROVAL of Application No.
 4300-38 because 1) unappropri-
 ated water is available; 2) will be
 no unlawful impairment of exist-
 ing rights; 3) is beneficial use of
 water and 4) is in the public in-
 terest.

Any person withing a copy of
 the Chief Engineer's recommen-
 dation. Further information on
 this application or to assure ac-
 cess to the hearing by the handi-
 capped can contact the Water
 Rights Division, DWR, Joe
 Foss Bldg., Pierre, SD (605 773
 3352) for assistance prior to the
 hearing date. The time of the
 hearing will be automatically ex-
 tended for at least twenty days
 upon written request of the appli-
 cant or any person who has filed
 a petition to oppose or support
 the application. The request for
 extension must be filed with the
 Chief Engineer by November 22,
 1985.
 215 Oct. 25 & Nov. 1, 1985



This application will be consid-
 ered by the Water Management
 Board at its meeting on November 4,
 1985 at 10:00 a.m. in the
 Joe Foss Bldg., Pierre, SD.
 The Board is authorized to
 binding upon the Board and the
 Board is authorized to make a
 determination on this application
 after it reaches a conclusion
 based upon facts presented at the
 public hearing. Any interested
 person who may be affected by a
 Board decision and who intends
 to participate in the hearing be-
 fore the Board and present evi-
 dence or cross-examine wit-
 nesses according to SDCL 1-26,
 must file a written petition with
 BOTH the Applicant and the
 Chief Engineer by November 22,
 1985. The petition may be infor-
 mal, but it must include a state-
 ment describing the petitioner's
 interest in the application, the
 reason for the petitioner's oppo-
 sition to or support of the applica-
 tion; and the signature and mail-
 ing address of the petitioner or
 his legal counsel if legal counsel
 is obtained. The applicant need
 not file a petition.
 This application is made pur-
 suant to the provisions of SDCL
 44-1-1 thru 44-1-12; 44-1-13 thru 44-1-15;
 44-2-1 thru 44-2-3; 44-2-11 thru 44-2-13;
 44-2-17; 44-2A-1 thru 44-2A-10; 44-2A-12;
 44-2A-14; 44-2A-15; 44-3-1 thru 44-3-11;
 44-3-13; 44-3-17 thru 44-3-19; 44-3-24;
 44-3-25; 44-3-30; 44-3-31; 44-4-1 thru 44-4-3;
 44-4-11; 44-4-14; 44-4-15; 44-4-16; 44-4-17;
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 44-4-623; 44-4-624; 44-4-625; 44-4-626; 44-4-627;
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 44-4-708; 44-4-709; 44-4-710; 44-4-711; 44-4-712;
 44-4-713; 44-4-714; 44-4-715; 44-4-716; 44-4-717;
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 44-4-1033; 44-4-1034; 44-4-1035; 44-4-1036; 44-4-1037;
 44-4-1038; 44-4-1039;



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

605 773-3352
Water Rights Division

No. 4300-3B

October 18, 1985

Argus Leader
PO Box 5034
Sioux Falls, South Dakota 57117

Dear Sir:

Enclosed is a Notice of Intent to Appropriate Water by South Lincoln Rural Water
Application No. 4300-3B, in Minnehaha County, South Dakota. Please
publish this notice once each week for two consecutive weeks in your paper. The first
publication should be on, or before October 24, 1985.

The APPLICANT MUST VERIFY TO YOU THAT THE NOTICE IS TO BE PUBLISHED, before you make
the first publication. The applicant is to pay the cost of publication and should
make the necessary arrangements with you to pay these costs.

Please receipt for this notice IMMEDIATELY after first publication attaching thereto
a copy of the first publication so that it may be compared with the records. For
your convenience, you may use the printed form below for this purpose.

After final publication please complete and mail to this office, the enclosed Form
8 to furnish Proof of Publication. The permit to appropriate water cannot be con-
sidered by the Water Management Board until proof of publication has been received.

Very truly yours,

Kevin C. Larson
KEVIN C LARSON
Natural Resources Engineer

enclosures
KCL:ma
cc: applicant

NO. _____

Date _____

TO: Water Rights Division
Joe Foss Building
Pierre SD 57501

We are in receipt of your letter of _____, 19____ enclosing Notice of Proposed
Appropriation of Water, as proposed in Application No. _____ which was first
published in our issue of _____, 19____. ENCLOSED IS A COPY OF THIS FIRST
PUBLICATION.

NAME _____

NEWSPAPER _____

WNR-807-4/83

Form 8 - Proof of Publication - Notice of
Intent to Appropriate Water

No. _____

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County LINCOLN) ss.

I, CONNIE RENLI hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the SIOUX VALLEY NEWS

A newspaper which during the whole time of publication of said notice
herein after stated, has been and is printed and published in the _____

Town _____ of _____ Canton _____
County of Lincoln and State of South Dakota;
that the said notice was published in said newspaper on the following
two dates:

October 24, 1985

October 31, 1985

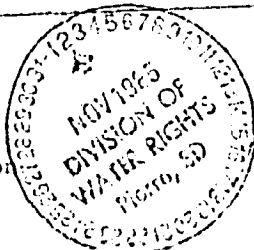
Connie Renli
(Signature)

Bookkeeper
(Title)

October 31, 1985
(Date Signed)

Cost of Printing: \$40.63

WNR-808-7/79
Proof of Publication



NOTICE: On Application for Appropriation of Water, the applicant automatically requests of the person who has Notice to oppose or support the application for extension filed with the Chief Engineer on November 22, 1985. 104

South Lincoln Rural Water System whose mailing address is PO Box 155 Canton, South Dakota has made an application for a permit to appropriate water and to amend water permits No. 4300-3 and 4300-3A. The purpose of the amendment is to delete the qualifications limiting annual withdrawal by the Rural Water System to 455 acre feet.

Pursuant to SDCL 46-2A-2 the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 4300-3B because 1) unappropriated water is available, 2) will be no unlawful impairment of existing rights, 3) is beneficial use of water and 4) is in the public interest.

This application will be considered by the Water Management Board at Howard Johnson, Board Room, 2211 LaCrosse, Rapid City, South Dakota on December 4, 1985 at 10:00 a.m.

The recommendation of the Chief Engineer is not final or binding upon the Board and the Board is authorized to make a determination on this application after it reaches a conclusion based upon facts presented at the public hearing. Any interested person who may be affected by a Board decision and who intends to participate in the hearing before the Board and present evidence or cross-examine witnesses according to SDCL 1-26 must file a written petition with BOTH the Applicant and the Chief Engineer by November 27, 1985. The petition may be informal, but it must include a statement describing the petitioner's interest in the application, the reason for the petitioner's opposition to or support of the application, and the signature and mailing address of the petitioner or his legal counsel. If legal counsel is obtained, the applicant must file a petition.

This application is pursuant to SDCL 46-14 thru 46-18, 2A-1, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1I, 1J, 1K, 1L, 1M, 1N, 1O, 1P, 1Q, 1R, 1S, 1T, 1U, 1V, 1W, 1X, 1Y, 1Z, 2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2I, 2J, 2K, 2L, 2M, 2N, 2O, 2P, 2Q, 2R, 2S, 2T, 2U, 2V, 2W, 2X, 2Y, 2Z, 3A, 3B, 3C, 3D, 3E, 3F, 3G, 3H, 3I, 3J, 3K, 3L, 3M, 3N, 3O, 3P, 3Q, 3R, 3S, 3T, 3U, 3V, 3W, 3X, 3Y, 3Z, 4A, 4B, 4C, 4D, 4E, 4F, 4G, 4H, 4I, 4J, 4K, 4L, 4M, 4N, 4O, 4P, 4Q, 4R, 4S, 4T, 4U, 4V, 4W, 4X, 4Y, 4Z, 5A, 5B, 5C, 5D, 5E, 5F, 5G, 5H, 5I, 5J, 5K, 5L, 5M, 5N, 5O, 5P, 5Q, 5R, 5S, 5T, 5U, 5V, 5W, 5X, 5Y, 5Z, 6A, 6B, 6C, 6D, 6E, 6F, 6G, 6H, 6I, 6J, 6K, 6L, 6M, 6N, 6O, 6P, 6Q, 6R, 6S, 6T, 6U, 6V, 6W, 6X, 6Y, 6Z, 7A, 7B, 7C, 7D, 7E, 7F, 7G, 7H, 7I, 7J, 7K, 7L, 7M, 7N, 7O, 7P, 7Q, 7R, 7S, 7T, 7U, 7V, 7W, 7X, 7Y, 7Z, 8A, 8B, 8C, 8D, 8E, 8F, 8G, 8H, 8I, 8J, 8K, 8L, 8M, 8N, 8O, 8P, 8Q, 8R, 8S, 8T, 8U, 8V, 8W, 8X, 8Y, 8Z, 9A, 9B, 9C, 9D, 9E, 9F, 9G, 9H, 9I, 9J, 9K, 9L, 9M, 9N, 9O, 9P, 9Q, 9R, 9S, 9T, 9U, 9V, 9W, 9X, 9Y, 9Z, 10A, 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86Z, 87A, 87



Department of Water & Natural Resources

Joe Foss Building
623 East Capitol
Pierre, South Dakota 57501

605 773-3352
Water Rights Division

No. 4300-3B

October 18, 1985

Sioux Valley News
Box 255
Canton, South Dakota 57013

Dear Sir:

Enclosed is a Notice of Intent to Appropriate Water by South Lincoln Rural Water System
Application No. 4300-3B, in Lincoln County, South Dakota. Please
publish this notice once each week for two consecutive weeks in your paper. The first
publication should be on, or before October 24, 1985.

The APPLICANT MUST VERIFY TO YOU THAT THE NOTICE IS TO BE PUBLISHED, before you make
the first publication. The applicant is to pay the cost of publication and should
make the necessary arrangements with you to pay these costs.

Please receipt for this notice IMMEDIATELY after first publication attaching thereto
a copy of the first publication so that it may be compared with the records. For
your convenience, you may use the printed form below for this purpose.

After final publication please complete and mail to this office, the enclosed Form
8 to furnish Proof of Publication. The permit to appropriate water cannot be con-
sidered by the Water Management Board until proof of publication has been received.

Very truly yours,

enclosures
KCL:ms

KEVIN C LARSON
Natural Resources Engineer

cc: applicant

NO. _____

Date _____

TO: Water Rights Division
Joe Foss Building
Pierre SD 57501

We are in receipt of your letter of _____, 19____ enclosing Notice of Proposed
Appropriation of Water, as proposed in Application No. _____ which was first
published in our issue of _____, 19____. ENCLOSED IS A COPY OF THIS FIRST
PUBLICATION.

NAME _____

NEWSPAPER _____

WNR-807-4/83

**SOUTH DAKOTA Department of
Water & Natural Resources**

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

WATER RIGHTS DIVISION
(605) 773-3352

No. 4300-3B

October 18, 1985

NOTE: TO BE SURE OF PUBLICATION ON
THE CORRECT DATES, CONTACT THE
NEWSPAPER RIGHT AWAY.

South Lincoln Rural Water System
PO Box 155
Canton, South Dakota 57013

Dear Sir:

You are hereby notified that your Application No. 4300-3B for a permit to

appropriate water for Rural Water System use, has been examined and
found to comply with the South Dakota Water Laws and applicable rules. A notice
of your intent to appropriate water has been sent to the Publisher of the
New Era ~~printed at Parker~~
Leader-Courier ~~printed at Elk Point~~
Argus Leader ~~printed at Sioux Falls~~

South Dakota. For your information, a copy of this notice and the recommendation
of the Chief Engineer is enclosed. Please review and contact this office, if you
have any questions.

Be sure to contact the above newspaper to authorize publication of your notice of
intent to appropriate water and to arrange for payment. Early contact with the paper
can eliminate delays. The publisher has been instructed to publish your notice
once each week for two consecutive weeks with the last publication to occur at least
thirty days before the board meeting. We must receive Proof of Publication before
the application can be considered by the Water Management Board.

Very truly yours,

Kevin C. Larson
KEVIN C LARSON
Natural Resources Engineer

Encl. Forms 6&7



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

WATER RIGHTS DIVISION
(605) 773-3352

No. 4300-3B

October 18, 1985

NOTE:

TO BE SURE OF PUBLICATION ON
THE CORRECT DATES, CONTACT THE
NEWSPAPER RIGHT AWAY.

South Lincoln Rural Water System
Box 155
Canton, South Dakota 57013

Dear Sir:

You are hereby notified that your Application No. 4300-3B for a permit to appropriate water for rural water system use, has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of your intent to appropriate water has been sent to the Publisher of the

Sioux Valley News printed at Canton,

South Dakota. For your information, a copy of this notice and the recommendation of the Chief Engineer is enclosed. Please review and contact this office, if you have any questions.

Be sure to contact the above newspaper to authorize publication of your notice of intent to appropriate water and to arrange for payment. Early contact with the paper can eliminate delays. The publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur at least thirty days before the board meeting. We must receive Proof of Publication before the application can be considered by the Water Management Board.

Very truly yours,

KEVIN C LARSON
Natural Resources Engineer

Encl. Forms 6&7
KCL:ms

WNR-805-4/83
Publication Notice

Water Rights Division
605 773-3352

October 28, 1985

Wanda Sletten
Rt 2, Box 82
Beresford SD 57004

Dear Mrs. Sletten:

Enclosed is the Recommendation and Report on Application No. 4300-3B,
South Dakota Rural Water System.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division

JH:ks

enclosures

Water Rights Division
605 773-3352

October 28, 1985

South Lincoln Rural Water System
Box 155
Canton SD 57013

Dear Mr. Sievers:

Enclosed is a copy of the Report on Application No. 4300-3B, South Lincoln Rural Water System.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division

JH:ks

enclosure

FRIENDS OF DAKOTA SANDSTONE AQUIFER
Rt. 2 Box 62
Beresford, South Dakota 57004

November 6, 1985



Mr. John Hatch, Chief Engineer
Water Rights Division
Department of Water and Natural Resources
Joe Foss Building
Pierre, SD 57501

Dear John:

Re: Application #4300-3B, 4300-3, 4300-3A

This letter serves as a Petition to oppose the proposed amendment regarding the above permit and to address the remaining qualifications also on the above.

FODSA represents domestic well owners in the area of SLRNS well field and use the Dakota Formation as their source of water and are directly affected by SLRNS pumping. The reason for our opposition is that we do not agree with the reports prepared by Staff and DCR based on available data, facts and other evidence.

We would point out several errors on SLRNS pumping records in Jim Goodman's report. Based on my correction of the adding and subtracting done by SLRNS, the wrong totals are given for the following: On well #1, the second quarter of 1983; the third and fourth quarters of 1984 and the first quarter figures for well #2 and well #3. Also, the total for well #1 for 1985 represents only the first two quarters instead of the three quarters which are listed. These errors then distort percentages and acre feet calculations as given.

Further, we feel the notice was not properly advertised due to the fact that it states SLRNS has made an application for a permit to appropriate water. 46-2nd provides that the amount of water to be used (or no additional water) and the point of diversion are to be included in notices covering applications for permits to appropriate water.

Therefore, we are requesting this be readvertised. If this hearing will deal only with the amendment and the review of the other qualifications, with no additional water from what the permit allows and no change in diversion points as they now exist, we are requesting an extension due to the distance to travel with the hearing being scheduled in Rapid City. Additionally, if the hearing is not readvertised and is held prior to the regular March meeting of the Water Management Board, we are requesting the hearing be held in Sioux Falls for the convenience of both SLRNS and FODSA.

FODSA will have Dennis McFarland as counsel, however, any correspondence is to be directed to the undersigned.

Sincerely,

Manda J. Stettin, Secretary

cc: South Lincoln Rural Water System

November 30, 1985



Dear John:

I would appreciate your clarification on this.

Sincerely,

Handa

Wanda J. Sletten
Secretary

**South Dakota Department of
Water & Natural Resources**

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

WATER RIGHTS DIVISION
(605) 773-3352

November 25, 1985

Wanda Sletten, Secretary
Friends of Dakota Sandstone Aquifer
Route #2, Box 83
Beresford, South Dakota 57004

RE: Application No. 4300-3B

Dear Mrs. Sletten:

I am responding to your petition to oppose South Lincoln Rural Water System (SLRWS) Water Permit Application No. 4300-3B. Your petition states that FODSA represents domestic well users who are directly affected by SLRWS pumping. We have no record of any adverse impairment of domestic wells in the South Lincoln area since SLRWS started pumping in 1981.

Enclosed is a corrected copy of the pumping records for SLRWS. I believe we have made the necessary corrections. The corrections resulted in minor changes in the total number of acre feet (AF) pumped during 1984. (367.66 increased 0.73 to 368.39 AF) and the first three quarters of 1985 (288.15 decreased 0.38 to 287.77 AF).

We are readvertising Application No. 4300-3B. The hearing scheduled for December 4, 1985 has been cancelled. Correction of the pumping records and readvertisement answers the specific objections that you have raised against Application No. 4300-3B. To minimize delays due to the readvertisement which is not the fault of the applicant, the readvertisement will be for consideration of Application No. 4300-3B by the Water Management Board during a telephone conference call Board meeting, January 13, 1986. The notice will state that if any written petitions in opposition to the application are received, the hearing will automatically be continued until the next regular Board meeting, March 5 and 6, 1986. If you wish to continue your opposition to Application No. 4300-3B you will need to submit a written petition stating your reasons for opposing the application pursuant to SDCL 46-2A-4 (4B) (b) by January 3, 1986.

Water service to Lennox by SLRWS is described in the Report prepared by DeWild, Grant, Reckert and Associates Company. Before any water could be provided to Lennox by SLRWS, a new water permit will need to be submitted. Application No. 4300-3B is to allow more than 455 acre-feet to be pumped from the three existing wells at a maximum developed diversion rate

Page 2
Wanda Sletten

of 650 gallons per minute to supply rural users in the area served by SLRWS and the town of Chancellor. The application is advertised to appropriate additional water because as we interpret Sections 47-2A-8 and 46-5-30.4, removal of the 455 AF annual withdrawal limitation means additional water will be appropriated. This is true even though the existing wells and pump capacities will not change.

Enclosed for your information is a copy of the readvertisement of No. 4300-3B.

Very truly yours,



John Hatch, Chief Engineer
Water Rights Division

JH:ms

Enc.

cc: South Lincoln Rural Water System w/ revised pumping records

Water Rights Division
605 773-3352

December 3, 1985

4300-3B

Wanda Sletten, Secretary
Friends of Dakota Sandstone Aquifer
Rt 2, Box 82
Beresford SD 57004

Dear Mrs. Sletten:

In response to your November 30, 1985 letter, you will continue to receive copies of pumping reports as submitted by the South Lincoln Rural Water System. If the Water Management Board removes the annual 455 acre feet limitation, I have recommended that the system report water use at the end of each calendar year.

During 1986 and subject to weather conditions, we expect to measure water levels at the same frequency as we have in the past.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division

JH:ks

FRIENDS OF DAKOTA SANDSTONE AQUIFER
Rt. 2 Box 82
Beresford, South Dakota 57004

December 14, 1985

Mr. John Hatch, Chief Engineer
Water Rights Division
Department of Water and Natural Resources
Joe Foss Building
Pierre, SD 57501



Dear John:

Re: Application #4300-3B, 4300-3, 4300-3A

This letter serves as a Petition to oppose the application to amend the above permit.

FODSA represents a group of domestic well owners who rely on the Dakota Formation as their source of water and are in the area within which the wells of South Lincoln Rural Water System are located. FODSA has also been involved in the above permits since the application for the permits was made as is shown by the record. Additionally, the undersigned members of FODSA have been and are affected by the above permits and these members and other Dakota Formation domestic well owners may be affected by any decision the Water Management Board may make.

The undersigned also authorize Wanda Sletten, Secretary of FODSA, to represent their interests regarding the above application and any consideration by the Water Management Board as it relates to the above permits.

The reason for our opposition is that we do not agree with the reports prepared by Staff and DGR and we arrive at a different conclusion. Our conclusion is based on different figures from available data as to the water use by SLRWS and the need for additional water by SLRWS as well as the potential impairment of domestic well rights.

We understand this Petition to oppose will automatically continue the hearing until March 5-6, 1986.

FODSA will have Dennis McFarland as counsel, however, any correspondence is to be directed to Wanda Sletten, as Secretary, at the above address.

Sincerely,

Kenneth Seela

cc: South Lincoln Rural Water System
Enc.

Saddle Creek Farm, Inc., Samuel E. Sletten, President
By Wanda Sletten, Secretary
Richard Mehlhoff (by Clara)
R. E. Mehlhoff
Stanley L. Wiebel (BFA Brownell Co.)
Leroy Poppene
Arthur Lockness (by Geneva Johnson)

Alvin H. Bosman
Thomas S. Squire
Joe Taylor (City of)
W. W. Fischer
Arthur D. Hodge
John Kuhns
A. B. Fair

Saddle Creek Farm, Inc.
Samuel E. Sletten, President
By Wanda Sletten, Secretary
Rt. 2 Box 82
Beresford, SD 57004

A. B. Fait
216 N. Bartlett
Canton, SD 57013

Richard Mehlhoff
By Mrs. Clara Mehlhoff
Rt. 1 Box 23
Worthing, SD 57077

R. E. Mehlhoff
Rt. 1 Box 23
Worthing, SD 57077

Stanley Wiebel
DBA Brownell Co.
Worthing, SD 57077

LeRoy Poppens
Rt. 1 Box 238
Lennox, SD 57039

Arlyn Fodness
By Mrs. Geneva Fodness
Rt. 3 Box 86
Lennox, SD 57039

Kenneth Seeba
Rt. 3 Box 75
Lennox, SD 57039

Alvin Bossman
Rt. 3 Box 88
Lennox, SD 57039

Roman Suing
Rt. 1
Worthing, SD 57077

City of Worthing
By Joe Tooley
Worthing, SD 57077

Harold Fischer
Rt. 1
Worthing, SD 57077

Arthur Henke
Rt. 1
Worthing, SD 57077

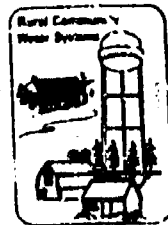
John Kuhns
Rt. 1 Box 21
Worthing, SD 57077

**South
Lincoln
Rural Water**

Box 155

Canton, South Dakota

Ph. 372-4211



December 18, 1985

South Dakota Dept. of Water & Natural Resources
Water Rights Division
Joe Foss Building
Pierre, South Dakota 57501

Attn: John Hatch

Re: Application No. 4300-3B

Dear Mr. Hatch:

Consistent with your letter to the Friends of Dakota Sandstone Aquifer (FODSA) of 11/25/85 and the FODSA response of 12/14/85, it is our understanding that the hearing will be continued until the next regular Board Meeting, March 5 or 6, 1986. With such in mind, the following is requested

1. Confirm that all qualifications except 1 and 3 were removed from the Water Permits on Dec. 5, 1985.
2. That FODSA be required to specifically identify their conclusion and resulting opposition concerning water use and impairment of domestic well rights.
3. Your comments as to whether or not water use by individual users is an issue open for discussion. It would seem appropriate that the issue be limited to whether or not unappropriated water is available.
4. Please identify the members of the Water Management Board.

Should you have questions or desire additional information, please advise.

Sincerely,

Charles Kuehl

Charles Kuehl, Chairman
South Lincoln Rural Water System

cc: Masten, Myrabo & Iron
DGR & Associates Co.



**Dakota Department of
Water & Natural Resources**

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

Water Rights Division
605 773-3352

December 20, 1985

N O T I C E

TO: South Lincoln Rural Water System
PO Box 155, Canton SD 57013
Wanda Sletten, Secretary Friends of Dakota Sandstone Aquifer
Rt 2, Box 82, Beresford SD 57004

FROM: John Hatch, Chief Engineer
Water Rights Division *John Hatch*

SUBJECT: Continuance of Hearing on Application No. 4300-3B To Appropriate
Water and To Amend Water Permit Nos. 4300-3 and 4300-3A

A petition in opposition to Water Permit Application No. 4300-3B has been received from the Friends of the Dakota Sandstone Aquifer. Pursuant to the readvertisement of the publication notice for Application No. 4300-3B, the hearing is automatically continued until the March 5 and 6, 1986 Water Management Board Meeting. The Special Telephone Conference Call Board Meeting scheduled for January 13, 1986 is cancelled. The hearing on Application No. 4300-3B will be conducted in Room 216, Joe Foss Building, 523 E Capitol, Pierre SD, March 5, 1986, at 2:00 p.m.

JH:ks

cc: David Holman, DeWild, Grant, Reckert & Associates

Equal Opportunity Employer

**South Dakota Department of
Water & Natural Resources**

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

Water Rights Division
605 773-3352

January 20, 1986

Charles Kuehl, Chairman
South Lincoln Rural Water
PO Box 155
Canton SD 57013

RE: Application No. 4300-3B

Dear Mr. Kuehl:

I am writing in response to your December 18, 1985 letter which was received in this office December 26, 1985. I discussed your request with John Sievers, January 9, 1986. My responses are listed below:

1. Enclosed are two copies of the updated qualifications to Water Permits No. 4300-3 and 4300-3A.
2. South Lincoln Rural Water will need to make a formal discovery request directly to the Friends of the Dakota Sandstone Aquifer (FODSA) as provided by State Law.
3. FODSA can claim that domestic rights may be affected. This is part of the determination of whether unappropriated water is available.

We have no record of any adverse impairment of Dakota Formation domestic wells by South Lincoln Rural Water pumping, nor do we anticipate any if Application No. 4300-3B is approved.

4. Enclosed is the latest list of Water Management Board members. The Governor appointed one new member the end of July, 1985 and three new members January 10, 1986.

Very truly yours,

John Hatch

JOHN HATCH, Chief Engineer
Water Rights Division

JH:ks

enclosures

REVISED ATTACHMENT TO WATER PERMITS NO. 4300-3 & 4300-3A

SOUTH LINCOLN RURAL WATER

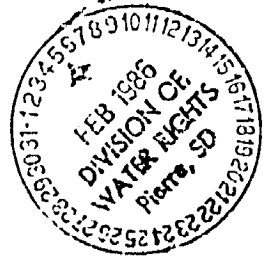
December 6, 1985

Several qualifications to Permits Nos. 4300-3 and 4300-3A terminated when a four year period established by the Water Management Board ended December 5, 1985. The following are the qualifications which are still in effect:

1. That the System be limited to an annual withdrawal of 455 acre-feet and that the total withdrawal be subject to review by the Board;
2. That the rural water system wells approved under this Permit will be located near domestic wells and other wells which may obtain from the same aquifer. The rural water system under this Permit shall control its withdrawals, to protect needed water supplies in adequate domestic wells or in wells having prior water rights.

FRIENDS OF DAKOTA SANDSTONE AQUIFER
Rt. 2 Box 82
Beresford, South Dakota 57004

January 7, 1986



Farmers Home Administration
District Office
Room 408, Courthouse Plaza
300 North Dakota Ave.
Sioux Falls, SD 57102

Dear Sirs:

Under the Freedom of Information Act, I am, as per previous instructions, requesting a copy of the following letters, reports, statements, and/or other material contained in the file of the South Lincoln Rural Water System:

Running record dated 12/31/84, 1/15/85, 7/25/85
Water Rates effective Feb. 1, 1985
Former water rates.
Letter dated May 15, 1985 from Charles Knehl to Dist. Director Roehmer.
Letter dated May 7, 1985 from Director Roehmer to Curtis Gubrud.
Letter dated Feb. 19, 1985 from Curtis Gubrud to District Director Hoidal.
Letter dated Feb. 27, 1985 from Congressman Chavchav to Director Hoidal.
Letter dated Feb. 14, 1985 from Director Hoidal to Curtis Gubrud.
Letter dated Feb. 7, 1985 from Dexter Gundersen to Sioux Falls FmHA District Director.
Letter dated Jan. 17, 1985 from Curtis Gubrud to Lawrence Rinner.
SLRWS Board minutes of Jan. 15, 1985.
SLRWS Board minutes of Dec. 18, 1984.
Breakdown of SLRWS water users.
SLRWS Summary of consumer usage.
SD-DO-C.P. 116A - Guide for Preparing Form FmHA 4-24-12.
Water Supply Contract with Chancellor.

Sincerely,

Wanda J. Sletten

Wanda J. Sletten
Secretary

UNITED STATES DEPARTMENT OF AGRICULTURE

FARMERS HOME ADMINISTRATION

Rm. 408, Courthouse Plaza
300 North Dakota Ave.
Sioux Falls, South Dakota 57102



Mrs. Wanda Sletten
R#2, Box 82
Beresford, SD 57004

January 15, 1986

Re: South Lincoln Rural Water
File Information

Dear Mrs. Sletten:

The information requested in your letter of January 7, 1986, from the South Lincoln Rural Water System is now available.

The number of pages copied totalled 85 x 10¢ per page = \$8.50. We are also required to charge \$5.50 per hour for assembling the requested material. This was assembled from 7:45 a.m. to 8:45 a.m. on January 15.

The total cost for the above service and copies will be \$14.00. Fee payment will be in the form of a check, draft, or money order payable to the United States Treasury. Please advise our office when you wish to pick up the requested information.

Sincerely,

Lester L. Boehmer
LESTER L. BOEHMER
For District Director

cc: SLRWS
Box 155
Canton, SD

January 17, 1986

Farmers Home Administration
District Office
Room 408, Courthouse Plaza
300 N. Dakota Ave.
Sioux Falls, SD 57102

ATTENTION: Mr. Lester L. Boehmer, District Director

Re: South Lincoln Rural Water System

Dear Mr. Boehmer:

As attorney for South Lincoln Rural Water System, Inc., there has been referred to me by my client a copy of the request dated January 7, 1986, under the Freedom of Information Act by which Friends of Dakota Sandstone Aquifer have sought certain information from your office.

It is my opinion that Title 5 of the United States Code, Section 552, excludes from public information commercial or financial information obtained from a person and privileged or confidential and that this would include most of what has been requested by Friends of Dakota Sandstone Aquifer.

Specifically, the following would be so excluded:

1. Running record dated 12/31/84, 1/15/85 and 9/25/85.
2. SLRWS Board minutes of January 15, 1985.
3. SLRWS Board minutes of December 18, 1984.
4. Breakdown of SLRWS water users.
5. SLRWS Summary of consumer usage.
6. Water Supply Contract with Chancellor.

Therefore, we would specifically object to the release of the above information.

Furthermore, the correspondence listed in the request would appear to be not available for public disclosure as inter-agency or intra-agency memorandums or letters which would not

Farmers Home Administration
January 17, 1986
Page Two (2)

be available by law to a party other than an agency in litigation with the agency.

It would seem that this designation would include all of the correspondence referred to in the request of January 7, 1986, except for the letter dated February 27, 1985, from Congressman Daschle to Director Hoidal.

My client has no objection to release of the water rates effective February 1, 1985, or the former water rates referred to in the request dated January 7, 1986.

It would appear to me that some of the information which the Farmers Home Administration has in its possession is of a strictly confidential nature as being information concerning South Lincoln Rural Water System and its internal affairs involving its members, and any such information should, by all means, not be made available to members of the public.

If you or the requesting organization have legal authority contrary to that presented in this letter, I would be more than happy to consider it on behalf of the Rural Water System.

However, it would appear to me that not much, if any, information provided to your agency by the Rural Water System would be available to the public and should not, therefore, be disclosed to the public, either for examination or copying, without the prior, written consent of South Lincoln Rural Water System, Inc.

Thank you for your consideration in this matter.

Very truly yours,

EUGENE J. IRONS
For the Firm

EJI:kmh

CC:SLRWS

Mr. Charles Kuehl



United States
Department of
Agriculture

Farmers
Home
Administration

Room 408, Courthouse Plaza
300 N. Dakota Ave.
Sioux Falls, SD 57102

Ms. Wanda Sletten
Rt. #2, Box 82
Beresford, SD 57004

January 23, 1986

Dear Ms. Sletten:

As you were advised by phone the recent information which you requested under the Freedom of Information Act pertaining to South Lincoln Rural Water System will not be released, due to the objection of Mr. Irons, Attorney-At-Law, representing the system.

I have forwarded your request and the objection to FmHA's Freedom of Information Officer for his review. I would expect that a decision as to what information can be released will be made within a 30-day period.

Sincerely,

Lester L. Boehmer
District Director

cc: Dennis McFarland, Attorney



Farmers Home Administration is an Equal Opportunity Lender
Complaints of discrimination should be sent to
Secretary of Agriculture, Washington, D.C. 20250

MASTEN, MYRABO & IRONS, P.C.

A PROFESSIONAL CORPORATION
LAWYERS

P.O. BOX 348

108 SOUTH BROADWAY

CANTON, SOUTH DAKOTA 57013-0348

January 28, 1986

SAM W. MASTEN
(1915-1980)

JEFF MASTEN
LLOYD K. MYRABO
EUGENE J. IRONS
VANCE S. MYRABO



AREA CODE 605
987-4351

MARGARET MCVAY
LEGAL ASSISTANT

COPY

Mrs. Wanda Sletten, Secretary
Friends of Dakota Sandstone Aquifer
Rt. 2, Box 82
Beresford, SD 57004

Re: Department of Water and Natural Resources Applications 4300-3B,
4300-3 and 4300-3A (South Lincoln Rural Water System, Inc.)

Dear Mrs. Sletten:

It is my understanding that Friends of Dakota Sandstone Aquifer opposes the application to amend the other permits as filed with the Department of Water and Natural Resources by South Lincoln Rural Water System, Inc.

I am sure that, in order to be totally fair to all concerned, you would agree that it would be reasonable for you to state in advance of the hearing on this matter the reasons for your group's opposition.

It is my understanding that you do not agree with the reports prepared by the staff of the Department of Water and Natural Resources or by DeWild, Grant, Reckert & Associates, and that you have arrived at different conclusions.

It would be appreciated if you would specifically identify and set forth in writing the conclusions you have reached and the basis for those conclusions, especially with regard to any different figures you may have derived from available data as to the water use by South Lincoln Rural Water System, the need for additional water by South Lincoln Rural Water System and the claimed potential impairment of domestic well rights.

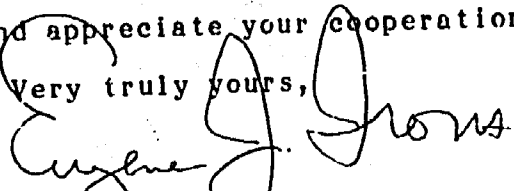
I am sure you will agree that having this information prior to any hearing will better enable both the Department of Water and Natural Resources board and staff, as well as the applicant, to better evaluate your objections and to be in a better position to provide the agency with the information necessary to answer any questions you might have.

Mrs. Wanda Sletten
January 28, 1986
Page Two (2)

It would seem to me there can be no reason to withhold from my client the information you have, as it has never been the intention of South Lincoln Rural Water System to do anything which would adversely affect other domestic wells.

We will await your reply and appreciate your cooperation.

Very truly yours,



EUGENE J. IRONS
For the Firm

EJI:kmh

CC:Mr. Dennis McFarland
Mr. John Hatch
Mr. John Sievers

FRIENDS OF DAKOTA SANDSTONE AQUIFER
Rt. 2 Box 82
Beresford, South Dakota 57004

January 31, 1986



Mr. John Hatch
Department of Water and Natural Resources
Water Rights Division
Joe Foss Building
Pierre, SD 57501

Dear John:

As per instructions by phone conversation with Dan Doyle, we are requesting that Lynn Hedges from the South Dakota Geological Survey be present at the hearing to be held on March 5, 1986 during consideration of Application #4300-3B, 4300-3, 4300-3A.

It has also come to my attention that Derric Iles is again on the staff of the Geological Survey. It would seem advisable to have Derric present at the hearing, if possible, as well. Although Derric would not be familiar with the most recent events which may be discussed at the hearing, he was responsible for the field work which produced the only scientific data which is available on the Dakota Sandstone in Lincoln County. Since the Water Management Board now consists of members in the majority who have no knowledge of the studies made, there may be questions they might have which could be readily answered by Derric.

Sincerely,

A handwritten signature in cursive script, appearing to read "Wanda J. Sletten".

Wanda J. Sletten
Secretary

MASTEN, MYRABO & IRONS, P.C.

A PROFESSIONAL CORPORATION
LAWYERS

P.O. BOX 343

108 SOUTH BROADWAY

CANTON, SOUTH DAKOTA 57013-0348



AREA CODE 605
987-4351

MARGARET MCVAY
LEGAL ASSISTANT

SAM W. MASTEN
(1915-1980)
JEFF MAJTEN
LLOYD K. MYRABO
EUGENE J. IRONS
VANCE S. MYRABO

January 31, 1986

Mr. John Hatch
Chief Engineer
Water Rights Division
South Dakota Dept. of Water and Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

In Re: South Lincoln Rural Water System, Inc.

Dear Mr. Hatch:

Enclosed you will find a copy of the letter dated January 7, 1986 which was sent to Farmers Home Administration by Friends of Dakota Sandstone Aquifer which indicates the information being requested by Friends of Dakota Sandstone Aquifer.

Also enclosed is a copy of my letter dated January 17, 1986 to Farmers Home Administration by which it is indicated which information may be revealed to FODSA and which information it was felt by the rural water system was not to be revealed for the reasons stated in my letter.

Certainly, if you feel that there is some benefit to be derived in connection with the activities of your department by making public some of the information in the Farmers Home Administration files, the rural water system would be more than happy to consider such a recommendation.

It has never been the intention of South Lincoln Rural Water System to conceal any pertinent information from the public, but some of the information requested by FODSA would have included such things as which members of the rural water system were delinquent in paying their bills, etc.

It was felt that such information was a confidential matter between the rural water system and its members.

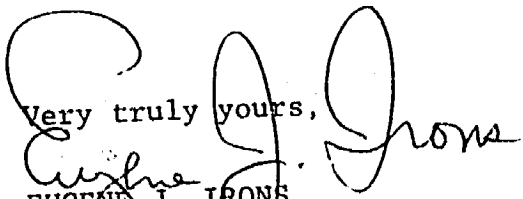
We will await your advice and recommendation as to how you wish

John Hatch
January 31, 1986
Page 2.

the rural water system to proceed in this matter, and I know you will agree that the rural water system has been most cooperative in the past, and I am assuring you that they intend to be cooperative in the future.

I will await your reply.

Very truly yours,



EUGENE J. IRONS,
For the firm.

EJI:ds
Enclosures.

cc: John Sievers, Manager
Mr. Charles Kuehl

FRIENDS OF DAKOTA SANDSTONE AQUIFER
Rt. 2 Box 82
Beresford, South Dakota 57004

February 3, 1986



Mr. John Hatch
Department of Water and Natural Resources
Water Rights Division
Joe Foss Building
Pierre, SD 57501

Dear John:

As per instructions by phone conversation with Dan Doyle, I am enclosing herewith copies of correspondence I have had with FmHA concerning South Lincoln Rural Water System.

You will note my letter dated January 7, 1986 requesting copies of the various items from the FmHA file of South Lincoln. The letter dated January 15, 1986 to me was received the day after I received a phone call from Lola Gangle advising that because of an objection by Mr. Irons, they would be unable to release the copies to me. The letter to me dated January 23, 1986 indicates there could be a thirty day delay before a determination is made regarding the request and the objection by Mr. Irons.

Regarding the copies of items I requested, the running record refers to notes taken by an official of the District Office following office visits or phone conversations with representatives of South Lincoln. The various letters refer to positions FmHA has taken regarding the water loss by South Lincoln, South Lincoln's responses and directives from the State Office of FmHA. The Board minutes referred to also cover discussions regarding the water loss and/or other suggestions and directives from the FmHA District Office to South Lincoln and South Lincoln's response. The other items should be self-explanatory.

Sincerely,

A handwritten signature in cursive script, appearing to read "Wanda".

Wanda J. Sletten
Secretary

Enc. (3)

FRIENDS OF DAKOTA SANDSTONE AQUIFER
Rt. 2 Box 82
Beresford, South Dakota 57004

February 3, 1986

Mr. Eugene J. Irons
Masten, Myrabo & Irons
108 South Broadway
Canton, SD 57013-0348



Dear Mr. Irons:

Your letter of January 28 arrived in my absence.

It is my understanding that the Petition filed by Friends of Dakota Sandstone Aquifer dated December 14, 1985 met the requirements of SDCL 46-2A-4.

It is also my understanding that on or about January 16, 1986, you filed an objection with the FmHA District Office regarding the release of documents from the South Lincoln Rural Water System FmHA file which I had requested with the request being approved by the FmHA State Office.

While I totally agree with you that the more information made available to the Water Management Board and staff, the better informed they would be, in order to reach a just decision, I feel this should include all available information, including that which is contained in the FmHA file on South Lincoln Rural Water System.

I am sure that, in order to be totally fair to all concerned, you would agree that it would be reasonable for you to advise the FmHA District Office that you are withdrawing your objection to any viewing or releasing of documents from the South Lincoln Rural Water System file.

It would seem to me there can be no reason to withhold these documents from Friends of Dakota Sandstone Aquifer as it has never been the intention of Friends of Dakota Sandstone Aquifer to withhold information which would adversely affect South Lincoln Rural Water System.

I see no reason why your client should not be entitled to the source of information from which the organization I represent intends to oppose the amendment of water permits held by South Lincoln Rural Water System, as soon as the requested documents from the FmHA District Office are released.

I trust you understand our position.

Sincerely,

Wanda J. Sletten
Secretary

cc: Dennis McFarland
John Hatch
Dan Doyle
John Sievers
FmHA District Office

South Dakota Department of
Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

February 14, 1986

Eugene J. Irons, Attorney
P. O. Box 348
Canton, South Dakota 57013-0348

John Sievers, Manager
South Lincoln Rural Water System
P.O. Box 155
Canton, SD 57013

Wanda J. Sletten, Secretary
Friends of Dakota Sandstone Aquifer
Rt 2, Box 82
Beresford, SD 57004

I am writing in response to:

1. The petition in opposition to South Lincoln Rural Water System (SLRWS) Application No. 4300-3B signed by members of the Friends of Dakota Sandstone Aquifer (FODSA) dated December 14, 1985;
2. Letter to myself from Eugene Irons dated January 31, 1986; and
3. Letters to myself and Mr. Irons from Wanda Sletten dated February 3, 1986.

The petition states in part:

"The reason for our opposition is that we do not agree with the reports prepared by Staff and DGR and we arrive at a different conclusion. Our conclusion is based on different figures from available data as to the water use by SLRWS and the need for additional water by SLRWS as well as the potential impairment of domestic well rights."

The different water use figures referred to are those use figures included in reports to the Farmers Home Administration (FHA).

There are several different categories of figures included in the FHA reports (see attached sample) and in James Goodman's report. Attachment A shows the flow of water from the SLRWS wells through the main control building. The different categories of figures are as follows:

1. Individual meter readings from the three SLRWS wells. These figures are what we use to determine actual withdrawals from the aquifer and are included in Mr. Goodman's Report.
2. Total water produced figures included in FHA reports are taken from Master Meter No. 2. The figures for actual water pumped from the wells and Meter No. 2 are not the same and should not be compared because of the recirculation of water that occurs in the main control building.
3. Total water sold is the sum of all individual customer meter readings for which payment has been received. Water used but not paid for is not included. (See No. 4 unpaid bills).
4. Estimated water used and unpaid bills includes the following:
 - a. Total gallons represented by unpaid bills.
 - b. Estimates of losses due to known system leaks - main breaks.
 - c. Estimates of water used to flush distribution system hydrants.
 - d. Water circulated (9 gpm) through geothermal system for heating-cooling SLRWS office building. This water is returned to 150,000 gallon storage reservoir and is repumped and remetered through Meter No. 2 into the distribution system.
 - e. Water used for chlorinators and control building air conditioning is diverted after Meter No. 2 and returned to the 150,000 gallon storage reservoir.
 - f. A small quantity of water for drinking and sanitary purposes in the control building and office building is diverted after Meter No. 2.Water for d, e, and f is metered by separate meters as shown on in Attachment A.
5. Water loss (unaccountable) can include the following:
 - a. Unknown leaks in 900 miles of distribution system and customer service lines.
 - b. Loss due to slow customer meters.
 - c. Customers who may under report monthly water use.
 - d. Pasture tap water because these meters are only read once a year.

The following table shows the annual amounts of water pumped from the three wells and annual water use figures that were provided to FHA.

TABLE 1

Calendar Year	Well No. 1, 2, & 3 Production	Total Water Produced (Meter No. 2)	Total Water Sold	Estimated Water used Unpaid Bills	Water loss (unaccountable)
1982	96,707,100	93,713,000	74,961,900 ¹	4,364,220	15,696,000 (16.2%) ²
1983	111,712,600	105,836,000	86,695,000	3,137,010	16,003,990 (14.3%) ²
1984	120,040,000	118,992,000	93,235,000	10,504,120 ³	15,252,880 (12.7%) ²
1985	120,604,800	122,224,000	98,793,000	11,548,924 ⁴	11,882,076 (9.86%) ²

¹These figures were reported to FHA in 1982 even though there is a difference of 1,309,120 which apparently represents pasture tap totals that were subtracted from the total water sold figure.

²Percent loss is water loss (unaccountable) divided by well production.

³The office building was constructed fall 1983 with limited operation of geothermal during November and December. SLRWS moved office operations into new building during January, 1984.

⁴During 1985, recirculated water for geothermal, chlorination and control building air conditioning was 6,900,000 gallons. A small amount of this water would have been used for sanitary purposes in the control building and office building. The remainder (4,648,924 gallons) would be the estimated water loss to known main breaks and hydrant flushing and the water represented by unpaid bills.

Mr. Iron's letter asks if some benefit would be derived by FHA releasing the SLRWS information which has been requested by Mrs. Sletten. Mrs. Sletten believes that the FHA information should be made available to the Water Management Board.

Board members have stated in the past that they were not interested in a water permit applicant's financial or personal information. Nor has the Board been interested in discussions between a permit owner or applicant and his lender or in any information provided to the lender.

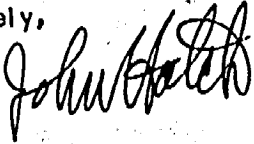
I have reviewed the water use records for SLRWS including copies of the reports submitted to FHA. Attached is a copy of a quarterly report for July, August and September 1985. Yearly water figures are shown in Table 1. I can see why Mrs. Sletten has asked questions concerning the records in the FHA offices. The Total Water Produced figures which are from Master Meter No. 2 do not represent actual pumping to the distribution system. The recirculated and repumped water figures must be subtracted. Other SLRWS pumping stations also have water which is recirculated and remetered.

The figures which are of interest to us and I believe the Board, are the figures for water pumped from the three wells and the net water loss (unaccountable). These figures provide the percent of water loss. A review of these figures quickly shows SLRWS has reduced its net water loss from 16.2% in 1982 to 9.86% in 1985. I have checked with six other rural water systems and water losses varied from 9% to 30% during 1985.

Eugene J. Irons, Attorney
February 14, 1986
Page 4

I do not see where we need any of the information in the FHA files nor do I believe it would be of use to the Board. The figures in Table 1, Attachment A and the explanation should answer any water use questions the Board may have. Consequently, I am not going to request that SLRWS information in FHA files be provided to the Water Management Board.

Sincerely,



John Hatch, Chief Engineer
Water Rights Division
Phone: (605) 773-3352

cc: David Holman, DeWald Grant Reckert and Associates

Attachment

RURAL WATER SYSTEM MONTHLY REPORT

SD-DQ-CF-112 (5/81)

NAME South Lincoln Rural Water System, Inc ADDRESS P.O. Box 155, Canton, S.D. 57013

For the 3 Month(s) Ended September 30, 1985

	START OF PERIOD	GAIN OR LOSS	END OF PERIOD
NO. OF USERS			
Farm	<u>1046</u>	<u>816</u>	<u>1042</u>
Monthly town & lake	<u>1</u>	<u>0/0</u>	<u>1</u>
Annual cottage	<u>0</u>	<u>0/0</u>	<u>0</u>
Annual pasture	<u>98</u>	<u>0/3</u>	<u>95</u>
Bulk users	<u>0</u>	<u>0/0</u>	<u>0</u>
TOTAL	<u>1139</u>	<u>819</u>	<u>1138</u>

	Source 1	CURRENT PERIOD Source 2	Source 3	Ave/tap	YR TO DATE Gal	Per tap	LAST YR TO DATE Ave/tap
GAL WATER PURCHASED OR PRODUCED							
WATER SOLD:							
Rural							
Mo/Towns & Lake							
Bulk Purchases							
Annual Cottage							
Annual Pasture							
TOTALS							
TOT WTR PRODUCED		<u>91,913,000</u>			<u>95,183,000</u>		
TOT WTR SOLD		<u>26,215,000</u>			<u>25,658,000</u>		
EST WTR USED UNPAID BILLS		<u>2,928,250</u>			<u>9,208,104</u>		
WATER LOSS (unaccountable)		<u>2,769,750</u>	(2 %)		<u>9,816,896</u>	(10 %)	

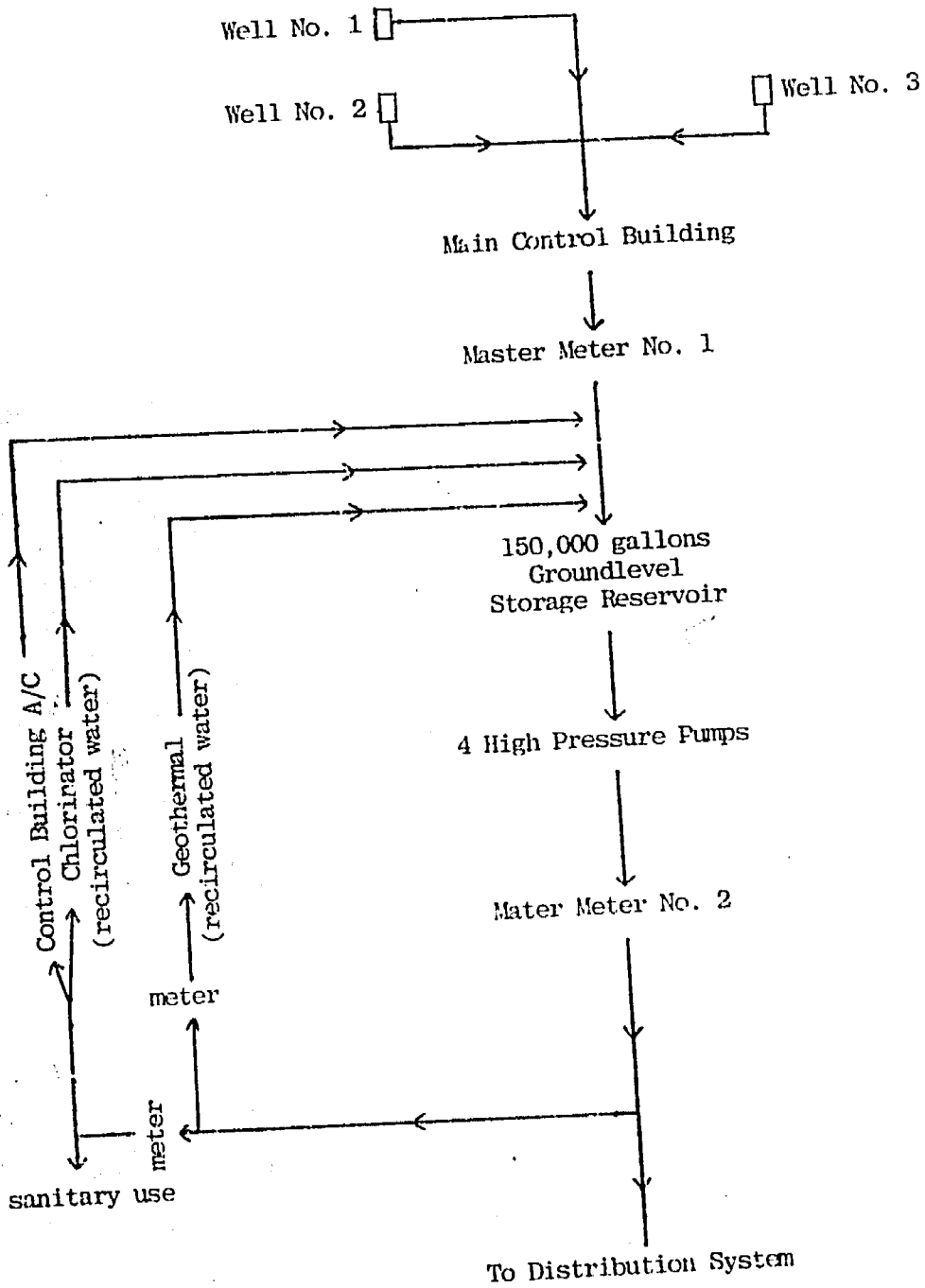
CASH & SAVINGS ON HAND BEGINNING PERIOD \$ _____
 CASH RECEIPTS THIS PERIOD \$ _____
 LESS EXPENDITURES \$ _____
 TOTAL CASH & SAVINGS END OF PERIOD \$ _____

Number of Disconnects - Delinquent Acc'ts
 Number of Delinquent Acc'ts

NO. OF WATER LINE BREAKS: This period 9 Yr to Date 18
 NO. OF FREEZE-UPS: This period 0 Yr to Date 0

COMMENTS:

ATTACHMENT A



**South Dakota Department of
Water & Natural Resources**

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

Water Rights Division
605 773-3352

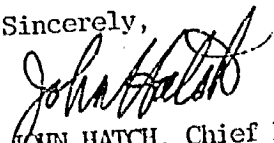
February 25, 1986

Wanda Sletten, Secretary
Friends of Dakota Sandstone Aquifer
Rt 2, Box 82
Beresford SD 57004

Dear Mrs. Sletten:

In response to your written request January 31, 1986, Lynn Hedges and
Derric Iles will be present at the hearing on South Lincoln Rural Water
System Application No. 4300-3B.

Sincerely,



JOHN HATCH, Chief Engineer
Water Rights Division

JH:ks

SOUTH DAKOTA
Department of
Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

Water Rights Division
605 773-3352

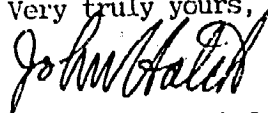
February 25, 1986

Eugene J. Irons, Attorney
PO Box 348
Canton SD 57013-0348

Dear Mr. Irons:

Enclosed for your information is a copy of a request from Wanda Sletten for Lynn Hedges and Derric Iles to be present at the hearing March 5, 1986 on the South Lincoln Rural Water System Application No. 4300-3B. Rather than going through the formal subpoena process with a subpoena issued by Bob Neufeld, as Department Secretary he has requested Mr. Hedges and Mr. Iles to be at the hearing.

Very truly yours,



JOHN HATCH, Chief Engineer
Water Rights Division

JH:ks

enclosure

FRIENDS OF DAKOTA SANDSTONE AQUIFER
Rt. 2 Box 82
Beresford, South Dakota 57004

March 7, 1986



Department of Water and Natural Resources
Water Rights Division
Joe Foss Building
Pierre, SD 57501

Attention: Mr. John Hatch

Dear John:

We are requesting a copy of the tape of the hearing held before the Water Management Board on March 5 and 6, 1986 on Application #4300-3B.

We are also requesting a copy of the minutes of said hearing as soon as they are available.

Thank you for your consideration.

Sincerely,

A handwritten signature in cursive script, appearing to read "Wanda".

Wanda J. Sletten,
Secretary

**South Dakota Department of
Water & Natural Resources**

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

Water Rights Division
605 773-3352

April 23, 1986

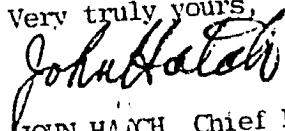
Friends of Dakota Sandstone Aquifer
Wanda Sletten, Secretary
Rt 2, Box 82
Beresford SD 57004

Dear Mrs. Sletten:

As requested, enclosed are cassette copies of the tape from the
Water Management Board Meeting March 5 & 6, 1986 for Application
No. 4300-3B, South Lincoln Rural Water.

A copy of the minutes will be sent after they have been approved
by the Board at the May 15 & 16 meeting.

Very truly yours,



JOHN HATCH, Chief Engineer
Water Rights Division

JH:ks

enclosures

Equal Opportunity Employer

FRIENDS OF DAKOTA SANDSTONE AQUIFER
Rt. 2 Box 82
Beresford, South Dakota 57004

May 15, 1986



Department of Water and Natural Resources
Water Rights Division
Joe Foss Building
Pierre, SD 57501

Dear Sirs:

We are requesting a copy of the amended Findings of Fact and Conclusions of Law and final Decision which was adopted by the Water Management Board on May 14, 1986.

We are also requesting a copy of the minutes of the May 14, 1986 meeting as it relates to the discussion and final action taken on the above Findings and Conclusions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Wanda J. Sletten".

Wanda J. Sletten

SOUTH DAKOTA
Department of
Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181
May 29, 1986

NOTICE

TO: South Lincoln Rural Water System and Others Persons
Interested In Application No. 4300-3B

FROM: John Hatch, Chief Engineer
Water Rights Division
605 773-3352 *John Hatch*

SUBJECT: Findings of Fact, Conclusions of Law and Final Decision

This is to notify you that a final Decision including Findings of Fact and Conclusions of Law were adopted by the Water Management Board at the May 14, 1986 meeting regarding approval of Water Permit Application No. 4300-3B.

A signed copy of the final Decision, Findings and Conclusions is enclosed. South Dakota Statutes provide that decisions of the Board may be appealed to the Courts.

Equal Opportunity Employer

CERTIFICATION

I hereby certify that on May 29, 1966 I have personally deposited with the U.S. Mail postage prepaid envelopes containing a Notice on adoption of a Final Decision for No. 4300-3B and a copy of that decision addressed as follows:

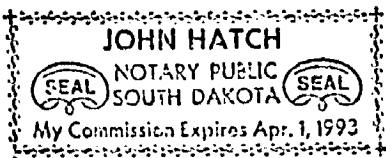
John Sievers, Manager, SLRWS, PO Box 155 Canton SD 57013
David Holman, DeWild, Grant & Reckert, 315 1st Ave, Rock Rapids
IA 51246

Dennis McFarland, 505 W 9th, Sioux Falls, SD 57101
Wanda Sletten, FODSA, Rt 2, Box 83, Beresford SD 57004
Jeff Masten, PO Box 348, Canton SD 57013-0348

KAREN SCHLAAK
Administrative Aide

STATE OF SOUTH DAKOTA)
) ss
COUNTY OF HUGHES)

Sworn to, before me, this 2nd day of June, 1986.



John Falck
Notary Public



**Department of
Water & Natural Resources**

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

Water Rights Division
605 773-3352

4300-3B

JUN 8 1986

South Lincoln Rural Water System
Box 155
Canton, South Dakota 57013

Dear Sir:

Enclosed herewith is your Water Permit No. 4300-3B as approved by the Water Management Board authorizing you to construct your water diversion system and the water to beneficial use, not exceeding the limits as specified in said Water Permit No. 4300-3B.

Also enclosed is Form 10, Notice of Completion of Works and Application of Water to Beneficial Use, which you are to complete and submit to the Chief Engineer when you have completed the system and/or have put the water to beneficial use. An inspection can then be scheduled so that your Water License may be issued to you, thus completing your acquisition of a Water Right.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division

JH:ms

enclosure

PLEASE NOTE: Certain changes can be made in your permit within the five year construction period, usually without affecting the priority date provided an application to amend your permit is made within the five year period-i.e. changes in location or number of diversion points (wells) or location of land to be irrigated. Well locations for wells into the same aquifer can be moved up to 660 feet without application.

Applications to amend a permit after the five year construction period will be assigned a new priority date. Applications to change water sources, to add lands or increase original diversion rates, if approved will usually receive the date of the new application as a priority date regardless of the five year construction period.

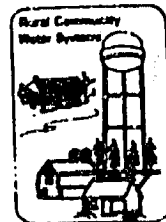
WNR-809-5/83

**South
Lincoln
Rural Water**

Box 155

Canton, South Dakota

Ph. 372-4211



July 21, 1986



SD Dept. of Water & Natural Resources
Water Rights
Joe Foss Building
Pierre, SD 57501
Attn: John Hatch

Dear Mr. Hatch:

Please find enclosed a signed copy of our "Notice of completion of works and/or application of water to beneficial use".

If the dates as so stated on the form are not in compliance to the dates you have on file, please contact the office at 372-4211 for an explanation.

Thank you for your cooperation.

Sincerely,

A handwritten signature in dark ink, appearing to read "John Sievers". The signature is fluid and cursive, written over the word "Sincerely,".

John Sievers
Manager
South Lincoln Rural Water System, Inc.

JS:jls
enclosure

NOTICE OF COMPLETION OF WORKS AND/OR
APPLICATION OF WATER TO BENEFICIAL USE



Post Office US Canton PostOffice

Date 7/22/86

TO: Water Rights
Joe Foss Building
Pierre, South Dakota 57501

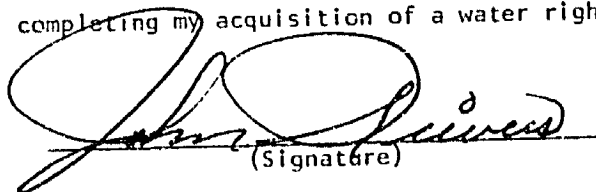
Dear Sirs:

This is to inform you that I have completed the construction of the water diversion system and/or that I have put the water to beneficial use to maximum extent. It is going to be used, not exceeding the amounts as specified in Water Right No. 4300-3B.

Water Right Permit No. 4300-3B states that the diversion system is to be constructed by DRG Assoc. & Co., and that the water is put to beneficial use by South Lincoln Rural Water System.

The diversion system was completed on 10/20/83. Applying the water to beneficial use was completed on 5/01/81.

You may schedule an inspection so that the Certificate of Construction and/or the Water License may be issued, thus completing my acquisition of a water right.


(Signature)

4300-3B

FRIENDS OF DAKOTA SANDSTONE AQUIFER
RT. 2 BOX 82
BERESFORD, SOUTH DAKOTA 57004

July 29, 1986



Mr. John Hatch
Department of Water and Natural Resources
Water Rights Division
Joe Foss Building
Pierre, SD 57501

Dear Mr. Hatch:

I do not intend to belabor the issue of the South Lincoln Rural Water System's Application for Water Permit No. 4300-3B and the Amendment of Water Permit Nos. 4300-3 and 4300-3A. However, I feel that a clarification of testimony given should be provided to the members of the Water Management Board.

At the hearing held on March 5-6, 1986, on March 6, Mr. Bleeker, manager of the Hanson Rural Water System testified as follows: "Mr. Bleeker stated that water pumped would run in the area of 13 to 15 thousand gallons per month per tap which would include all classes of taps." While Mr. Bleeker's statement is correct, what he failed to point out to the Board was that all classes of taps in the Hanson Rural Water System includes four taps to serve the bulk colonies which falsely elevates the total gallons per month per tap.

Immediately following the March hearing, I requested copies of Hanson Rural Water System monthly reports from the Farmers Home Administration. This request was denied by Mr. Dexter Gunderson, the State Director. An appeal was made to the Washington, D.C. office and those reports were recently released to me. I have enclosed a report from 1983, 1984 and 1985. In each case, the report represents the gallons for the month of October, together with the report for the year, since their year ends the 31st of October. As you can see, the average RURAL tap use was slightly less than 11,000 in the peak year. For all users except the six bulk users, the use was 8,881 per month per connection.

The implication of Mr. Bleeker's testimony was to substantiate the testimony given on behalf of South Lincoln Rural Water System that they would indeed have a need of 13 to 15 thousand gallons per month per connection. However, South Lincoln Rural Water System does not, nor is it anticipated that they will have a situation where they would have four taps, each of which use in excess of 100,000 gallons per month. The reports show that even Hanson Rural Water System will not have a need for 13 to 15 thousand gallons per month for their other users.

At this hearing, as well as at others, statements are made by and on behalf of South Lincoln Rural Water System which we are unable to dispute due to lack of information in our possession. Our efforts to obtain the needed information are usually delayed.

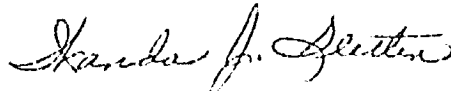
While I realize this clarification may not change the decision made by the Water Management Board, it was felt these facts should be made a part of the record since Mr. Bleeker's statement implied one scenario and the monthly reports represent quite a different one. This points out that South Lincoln

Rural Water System does not and will not need the amount of water granted to them for an extended period of time, if ever. It would seem imperative to take whatever steps are necessary to insure that South Lincoln Rural Water System does not allow an excessive water loss to occur and perhaps quarterly pumping reports should still be required rather than only the annual report.

We believe the State has an obligation to not only the members of Friends of Dakota Sandstone Aquifer, but to the other 200 plus Dakota Sandstone domestic well owners within the immediate area.

Thank you for your consideration.

Sincerely,

A handwritten signature in cursive script, appearing to read "Wanda J. Sletten".

Wanda J. Sletten
Secretary

Enc. (3)

cc: Members of the Water Management Board
Dennis McFarland

HANSON RURAL WATER SYSTEM, INC. POST OFFICE BOX 96 EL DORADO, SOUTH DAKOTA 57332

OPERATING REPORT
FOR THE MONTH OF
October 1983

NUMBER OF USERS

Farm

Monthly town & lake

Annual cottage

Annual pasture

Bulk users

TOTAL

START OF MONTH

GAIN OR LOSS

END OF MONTH

420

52

15

38

6

531

-0-

531

WATER SOLD	THIS MONTH		YR TO DATE		LAST YTD AVE/TAP
	GALLONS	AVE/TAP	GALLONS	AVE/TAP	
Rural	4,094,000	9,748	44,290,000	8,788	
Mo. town & lake	113,000	2,173	1,367,000	2,190	
Bulk colonies	378,000	94,500	3,550,000	73,958	
Bulk towns	2,673,000	5,262	29,760,000	4,882	
Annual taps			246,000	4,642	
TOTAL SALES	7,258,000	13,669	79,213,000	12,431	
TOT WTR PRODUCED	8,910,000	16,780	96,478,000	15,141	
TOT WTR SOLD	7,258,000	13,669	79,213,000	12,431	
EST USE UNPAID					
WATER LOSS	1,652,000	(18%)	17,265,000	(18%)	(%)

CASH & SAVINGS ON HAND BEGINNING OF MONTH \$ 118,255
CASH RECEIPTS THIS MONTH \$ 23,075
LESS EXPENDITURES \$ 49,256
TOTAL CASH & SAVINGS END OF MONTH \$ 92,074

NUMBER OF DISCONNECTS - DELINQUENT ACCOUNTS 0
NUMBER OF DELINQUENT ACCOUNTS 6
NUMBER OF WATER LINE BREAKS: THIS MONTH 7 YTD 23
NUMBER OF FREEZE-UPS : THIS MONTH 0 YTD 0

COMMENTS:
Number of breaks is not actual. Actual was zero but in review of our records seven leaks were not reported on this form during the year.

HANSON RURAL WATER SYSTEM INC. POST OFFICE BOX 96 EME SOUTH DAKOTA 57332

OPERATING REPORT
FOR THE MONTH OF
October 1984

NOV 20 1984

NUMBER OF USERS	START OF MONTH	GAIN OR LOSS	END OF MONTH
Farm	419		
Monthly town & lake	50		
Annual cottage	17		
Annual pasture	38		
Bulk users	6		
TOTAL	530	-0-	-0-

WATER SOLD	THIS MONTH GALLONS	AVE/TAP	YR TO DATE GALLONS	AVE/TAP	LAST YTD AVE/TAP
Rural	3,938,000	9,399	50,176,000	9,979	8,788
Mo. town & lake	110,000	2,200	1,382,000	2,303	2,190
Bulk colonies	688,000	172,000	5,018,000	104,542	73,958
Bulk towns(508 taps)	2,957,000	5,821	29,988,000	4,919	4,882
Annual taps					
TOTAL SALES	7,693,000	14,515	86,563,000	13,611	12,431
TOT WTR PRODUCED	8,699,000	16,413	111,537,000	17,537	15,141
TOT WTR SOLD	7,693,000	14,515	86,563,000	13,611	12,431
EST USE UNPAID	165,000		915,000		
WATER LOSS	841,000	(9.6 %)	24,059,000	(21.6 %)	(18 %)

CASH & SAVINGS ON HAND BEGINNING OF MONTH	\$ 110,626
CASH RECEIPTS THIS MONTH	\$ 26,315
LESS EXPENDITURES	\$ 22,618
TOTAL CASH & SAVINGS END OF MONTH	\$ 114,323

NUMBER OF DISCONNECTS - DELINQUENT ACCOUNTS	-0-		
NUMBER OF DELINQUENT ACCOUNTS	7		
NUMBER OF WATER LINE BREAKS: THIS MONTH	4	YTD	27
NUMBER OF FREEZE-UPS : THIS MONTH	0	YTD	0

COMMENTS: Est. Use Unpaid
65,000 gal. - pasture taps
25,000 gal. - leaks
75,000 gal. - flushing

Actuals for the year were better than estimated - loss is still \$8,078.60 for the year. Water usage is increasing and with the increased usage the system should work out of the minus net income figures, if not it will be necessary to increase rates.

HANSON RURAL WATER SYSTEM, INC. POST OFFICE BOX 324 EMERY, SOUTH DAKOTA 575

OPERATING REPORT
FOR THE MONTH OF
OCTOBER 1985

NUMBER OF USERS	START OF MONTH	GAIN OR LOSS	END OF MONTH
Farm	424	- 2	422
Monthly town & lake	69	- 2	67
Annual cottage	18	0	18
Annual pasture	41	0	41
Bulk users	6	0	6
TOTAL	556	- 4	554

WATER SOLD	THIS MONTH		YR TO DATE		LAST YR
	GALLONS	AVE/TAP	GALLONS	AVE/TAP	AVE/TAP
Rural	4386000	10393	55672000	10993	9950
Mo. town & lake	138000	2060	1914000	2380	2248
Bulk colonies	1333000	333250	8981000	187104	104541
Bulk towns (508 taps)	2631000	5179	33473000	5490	4911
Annual taps	0		815000		
TOTAL SALES	8488000	15321	100855000	15170	13190
TOT WTR. PRODUCED	8586000	15496	113932000	17137	17338
TOT WTR SOLD	8488000	15321	100855000	15170	13190
EST. USE UNPAID	45000		1345000		
WATER LOSS	98000	1.1	11732000	10.3	21.25

CASH & SAVINGS ON HAND BEGINNING OF MONTH	\$	89576
CASH RECEIPTS THIS MONTH	\$	25466
LESS EXPENDITURES	\$	27587
TOTAL CASH & SAVINGS END OF MONTH	\$	87455
NUMBER OF DISCONNECTS - DELINQUENT ACCOUNTS		1
NUMBER OF DELINQUENT ACCOUNTS		12
NUMBER OF WATER LINE BREAKS: THIS MONTH	2	YTD 23
NUMBER OF FREEZE-UPS: THIS MONTH	0	YTD 1

COMMENTS:

FARM	MUNIC
- D. FLUTH	- L. HANSON
- H. BOWLING	- A. HARGENS

copy to 210
12-27-85
JLW

MASTEN, MYRABO & IRONS, P.C.
A PROFESSIONAL CORPORATION
LAWYERS
P.O. BOX 348
103 SOUTH BROADWAY
CANTON, SOUTH DAKOTA 57013-0348



SAM W. MASTEN
(1915-1980)
JEFF MASTEN
LLOYD K. MYRABO
EUGENE J. IRONS
VANCE S. MYRABO

August 6, 1986

AREA CODE 605
987-4351
MARGARET MCVAY
LEGAL ASSISTANT

Mr. John Hatch
Department of Water and Natural Resources
Water Rights Division
Joe Foss Building
Pierre, SD 57501

In Re: South Lincoln Rural Water System (Application 4300-3B
and Amendment of Permit Nos. 4300-3 and 4300-3A)

Dear Mr. Hatch:

I thought that a brief reply was in order to the letter you received from Wanda J. Sletten dated July 29, 1986.

It is my understanding that Mrs. Sletten and the members of her organization were given a fully adequate period of time in which to present evidence at the hearing held on March 5 and 6, 1986.

Whereas Mrs. Sletten indicates that her purported clarification may not change the decision made by the Water Management Board, I would affirmatively assert that her letter neither could, nor should, have any effect whatsoever on that decision.

The hearing was held, the parties were allowed to present their evidence, a decision was made, and the time for appeal has run.

However, I would point out from the information included in Mrs. Sletten's letter, it appears that the average rural use per tap increased by 13.6% from 1983 to 1984, and by 10.2% from 1984 to 1985.

Therefore, it seems reasonable to me for the Water Management Board to conclude that the increases in usage on the South Lincoln Rural Water System would be of a similar magnitude, and a desire to put this matter at rest once and for all by providing an adequate supply of water to the system was both a reasonable decision and one in the best interest of all parties concerned.

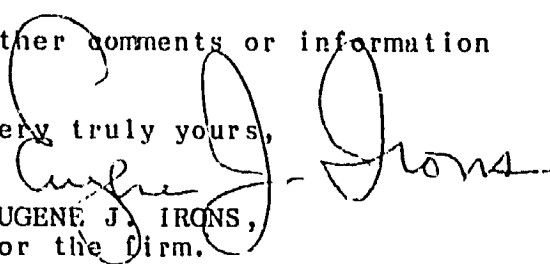
Mr. John Hatch
Page 2.

Apparently, Mrs. Sletten's concerns are not shared by others, since the Farmers Home Administration has exempted South Lincoln Rural Water System from any future requirements to provide water useage information to that agency, and the "other 200 plus Dakota Sandstone domestic well owners within the immediate area" have not seen fit to raise any objections whatsoever to the increased allocation of water to South Lincoln Rural Water System. At least those 200 users have not appeared and presented evidence at any of the hearings.

Certainly, South Lincoln intends to comply with any and all applicable laws and regulations and to cooperate with your agency in connection with the matters under your jurisdiction.

Please advise if you wish any further comments or information from the rural water system.

Very truly yours,


EUGENE J. IRONS,
For the firm.

EJI:ds
cc: John Sievers
Dennis McFarland



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

September 19, 1986

RE: Permit No. 4300-3B

John Sievers, Manager
South Lincoln Rural Water
PO Box 155
Canton SD 57013

Dear Mr. Sievers:

I am writing to follow up on our telephone conversation September 17, 1986. You asked if a permit would be necessary for South Lincoln Rural Water System (SLRW) to supply an estimated 1.5 million gallons annually to irrigate the Alcester Golf Course. I have discussed this with Dan Doyle, Assistant Attorney General. From our initial review, another permit would not be required. Water appropriated by SLRW is for rural water system use. Since there is no definition of rural water system use, there should be no difference in whether SLRW supplies water to a golf course, an industry, commercial business or to a farm. Pursuant to a new rule, Section 74:02:01:03:01 adopted by the Water Management Board, this should be true provided there is no increase in the authorized diversion rate and the new connection is within or contiguous to the service area of SLRW. However, you should also contact the attorney for SLRW on your question.

Section 74:02:01:03:01 will require a new water permit to connect a separate water distribution system (City of Alcester) located within or outside of the SLRW area.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division
605 773-3352

JH:ks

cc: Eugene J Irons, Attorney
Daniel J Doyle, Assistant Attorney General

Equal Opportunity Employer

STATE OF SOUTH DAKOTA

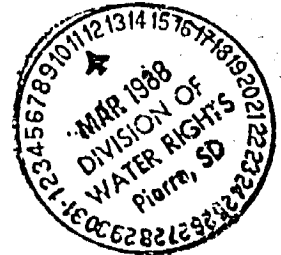


OFFICE OF ATTORNEY GENERAL

STATE CAPITOL
Pierre, South Dakota 57501-5090
Phone (605) 773-3215

ROGER A. TELLINGHUISEN
ATTORNEY GENERAL

March 9, 1988



Mrs. Wanda J. Sletten
Rt. 2 Box 82
Beresford, South Dakota 57004

RE: South Lincoln Rural Water System

Dear Mrs. Sletten:

Thank you for your letter of March 3, 1988, concerning the above-noted rural water system. We have contacted Mr. John Hatch, Chief Engineer, Division of Water Rights, concerning your allegation that the rural water system is being operated without a license.

Mr. Hatch informs us that South Lincoln Rural Water System has approved permits, that an inspection was performed August 20, 1986, and the license fee of \$50.00 was received December 12, 1986. The Division of Water Rights has not yet issued the license because it knew at the time some changes were going to be made in the system. It appears to me, however, that South Lincoln Rural Water System has done what the statute requires and there is no violation.

Sincerely,

Roger A. Tellinghuisen

ROGER A. TELLINGHUISEN
ATTORNEY GENERAL

RAT:pjh

cc: John Hatch ✓

 **Department of
Water & Natural Resources**
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

September 1, 1989

Charles Kuehl, Chairman
South Lincoln Rural Water System
Box 155
Canton SD 57013

Dear Mr. Kuehl:

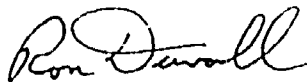
This letter is in response to an inspection of Permit Nos. 4300-3, 4300-3A and 4300-3B completed on August 20, 1986.

The permits can be licensed upon receipt of the well completion reports for well Nos. 2 and 3. I believe the wells were drilled by Huron Well Drilling but no completion reports are on file. The well completion report for well No. 3 completed by Thein Well Company is on file.

If the well completion reports are not available, then please respond with that information. The completion reports are needed for purposes of finalizing the inspection in preparation for licensing the permits.

Please contact me if you have any questions.

Sincerely,



Ron Duvall
Natural Resources Engineer
605 773-3352



EDGHE

DeWild Grant Reckert and Associates Company
Consulting Engineers

315 First Avenue
Rock Rapids, Iowa 51246
(712) 472-2531

September 8, 1989

South Dakota Department of Water
and Natural Resources
Division of Water Rights
Joe Foss Building
Pierre, SD 57501

Attn: Ron DuVall



Re: South Lincoln Rural Water System
DGR File 39132

Dear Ron:

Please find enclosed our records regarding logs of the three (3) original South Lincoln Rural Water System wells. Well No. 1 was drilled by Thein Well Company. Wells 2 and 3 were drilled by Huxon Drilling.

We hope this is the information you needed. Please call if we can provide other records.

Sincerely,

DEWILD GRANT RECKERT
& ASSOCIATES COMPANY

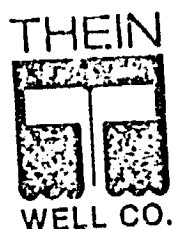
Bruce Jennings
Bruce Jennings, P.E.

BJ:jkv

Enclosure

cc: John Sievers

3913205A.L08



P.O. BOX 429 • CLARA CITY MINNESOTA 56222 • (512) 847-3207

WELLS - PUMPS
IRRIGATION SYSTEMS
SALES - SERVICE

Since 1933

PART 7 - SAMPLES & RECORDS FOR SOUTH LINCOLN RURAL WATER DISTRICT

WW#1

7.01-2 Driller Log

Top Soil	0 - 3
Yellow clay	3 - 24
Blue clay	24 - 100
Sand & gravel	100 - 140
Sand	140 - 144
Shale	144 - 372
Sand	372 - 387
Shale	387 - 402
Sand	402 - 416
Shale	416 - 434
Sand	434 - 440
Sand streaks in shale	440 - 445
Rocky w/fine sand	445 - 454
Shale w/sand	454 - 460
Shale	460 - 463
Sand	463 - 464
Shale	464 - 480
Sand w/shale layers	480 - 507
Rocky	507 - 519
Sand	519 - 555
Shale	555 - 561
Sand w/shale	561 - 613



7.01-3 Mud Loss Data

- 1) No mud loss
- 2) 10 1/2 lbs drilling fluid
- 3) 38 - 40 seconds viscosity

OTHER LOCATIONS: ROCHESTER, MN 55901 (507) 288 5554 • SPICER, MN 56288 (612) 796-2111 • STAPLES, MN 56479 (218) 894-3877



TEST WELL LOG WORTHING WELL 2

HURON DRILLING INC. DRILLERS LOG

PAGE NO.

JOB NAME		S.E.-32-98-50 Canton, South Dak. DICKINSON		DATE	RIG NO.	FOREMAN
Burr Water - Lincoln County				7/20/71	9	Tom Rathjen
HT	DEPTH	TIME	REMARKS			
			F.V. 1539			
1	20		3-15 yellow clay			
2	40		15-20 blue clay			
3	60		20-40 blue clay			
4	80		40-60 blue clay			
5	100		60-77 sand			
6	120		77-80 blue clay			
7	140		80-100 blue clay			
8	180					
9	160		100-115 sandy			
10	200		115 - shale			
11	220		Hard Rock @ 165			
12	240					
13	260					
14	280					
15	300					
16	320		Green Horn @ 325			
17	340		325-360 sandy			
18	360					
19	380		380-390 streaked			
20	400		390-400 no good			
21	420		400-410 no good			
22	440		410-420 streaked			
23	460		425-440 good sand			
24	480		440-460 fair sand			
25	500		460-480 fair sand			
26	520		480-500 good sand			
27	540		500-520 good sand			
28	560		520-540 good sand			
29	580		540-550 good sand			
30	600		550-560 no good			
31	620		560-580 hard sand			
32	640					
33	660	T.D.	580-588 hard sand			
			588-600 good sand			
			600-610 good sand			
			610-620 - no good			
			620-640 good sand			
			640-650 good sand			

WELL REPORT

HOBSON 10. 11. 3
LITTLE ROCK CO.
HUTCH. S. D.

South Lincoln Burd water
Well No. #3

OWNER

DESCRIPTION

DATE

DATE

CASING LOG

Depth	492	ft.	351	ft. 12" Steel	pipe to	351	ft.
Flows		gpm					
Pumps	50	gpm	141	ft. 6" Steel	pipe to	492	ft.
Head	171	ft.		ft.	pipe to		ft.
65 Ft. Perf. to bottom				ft.	pipe to		ft.
Perforations							

Pressure

REMARKS

Drilling Time

Rig No. 9

R. E. Kuehl
Foreman

LM



IRON DRILLING INC. DRILLERS LOG

South Lincoln
Herald Water System
JOB NAME

Lincoln, Conn.
LOCATION

Jan. 19, 1989
DATE

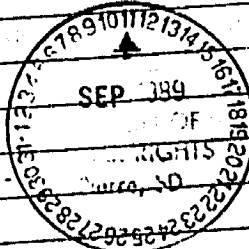
2
RIG NO.

Jack Wood
FOREMAN

REMARKS

DEPTH	TIME	
20		
40		
60		
80		
100		351-359 Sand - good
120		359-380 Shale, streaked sand
140		380-400 Mostly shale, streaked sand, coal
160		400-413 Hard sand
180		
200		413 H.S. 2 Ft.
220		413-418 Hard sand
240		418-423 Shale, tuff
260		423-432 Shale, tuff
280		432 HS
300		432-441 Sand - fair
320		441-452 Sand - hard
340	11:30	452-461 Sand - good
360	11:40	461-470 Sand - good
380	1:00	470-480 Sand - good
400	1:40	480-492 Sand - good
420	4:30	492-500 Hard
440	5:10	500-520 Hard sand
460	5:45	520-535 Tuff
480	6:00	535 Rock
500		
520		
535		

Hole took about 500 gallons water over night



PLEASE COMPLETE
ENTIRE FORM

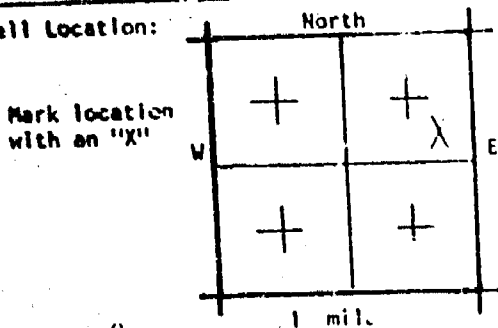
WELL DRILLERS REPORT
Division of Water Rights
Department of Water & Natural Resources

6/60

Well Owner: South Lincoln Rural
Home Water District

Address _____

Well Location:



County Lincoln Sec. 26 Twp. 75N Rg. 5E

Proposed Use:

☐ Domestic ☐ Municipal ☐ Test Holes
☐ Irrigation ☒ Industrial ☐ Stock

Method of Drilling:

☒ Forward Rotary ☐ Bored ☐ Jetted
☐ Reverse Rotary ☐ Cable ☐ Other

Well Construction:

Diameter of Hole 17 1/4"
Depth 10'
Casing ☒ Steel ☐ Concrete
☐ Plastic ☐ Other
If other, specify _____

Was casing end left open No
Was a well screen installed Yes
Describe Well Screen

Diameter 5 1/2" Material S/S
Slot size 20

Was well gravel packed Yes
Was well grouted Yes
Was water sample taken Yes

Remarks:

Water Level Information:

Static water level 48.5' below land surface
If flowing: closed in pressure _____ PSI
rate of flow _____ GPM

Controlled by:

☐ Valve ☐ Reducers ☒ Other

If other; specify _____

Well Test Data:

☒ Pumped

☐ Bailed

Describe: _____

☐ Other

Pumping Level Below Land Surface

23' ft. After 1 1/2 Hrs. pumped 360 GPM
" " " " " " " " " " " "

Well Log:

Formation	Depth	
	From	To
To: roll	0	3
Yellow clay	3	24
Blue clay	24	100
Sand & Gravel	100	140
Sand	140	144
Shale	144	372
Sand	372	387
Shale	387	402
Sand	402	416
Shale	416	434
Sand	434	440
Sand streaks in shale	440	445
Rocky w/ fine sand	445	454
Shale w/ sand	454	460

(Use Back If Necessary)

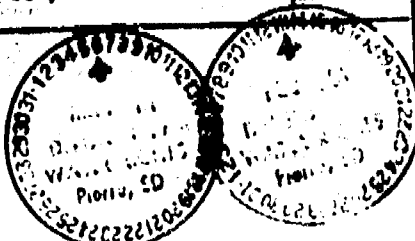
Date Completed: 10-24-80

Driller:

Therrell Well Co. Inc. 475
Driller's or Firm's Name License No.

Oliver City, Mo 64452
Address

W. H. H. H. H. H. 2-11
Signed By Date



4300-3
4300-3A
Permit No. 4300-3B

Water District

Report Of Examination Of Works And/Or Application Of Water To Beneficial Use

TO: Chief Engineer, Division of Water Rights, DWNR, Foss Bldg., Pierre, SD 57501

I have this day made a thorough examination of the water use system constructed by South Lincoln Rural Water System, Inc., Box 155 of Canton SD 57013 holder of Permit Nos 4300-3 4300-3A 4300-3B, bearing the priority of August 30 1977 September 26 1985 authorizing the diversion of * 1.44 cu. ft. per second of the waters of the Dakota Sandstone Formation for rural water system use purposes, in Lincoln, Minnehaha, Turner & Union County.

I have to report on the conditions of the same as follows:

	No 1	No. 2	No. 3
A. Works used to divert the water:	casing - 12 in steel		
Capacity: Well No. 1 - 300 gpm	screen - 8 in st. steel	8 in St. Steel	6 in st. steel
Well No. 2 - 330 gpm	depth - 640 feet	611 feet	≈ 515 feet
Well No. 3 - 55 gpm	motor - Franklin 40hp, 3540rpm	Franklin 40hp, 3540rpm	Franklin 15hp, 3500 rpm
	pump - Layne, 8 in		

B. Works used to transport water to place of use:

Rural water distribution system

C. Works used to apply water to beneficial use:

Four high capacity pumps - see inspection sheet for pump listing
Total capacity 1100 gpm

The system is in the following condition good

The point of diversion is located Well No. 1: SE 1/4 NE 1/4 section 20; (E 1/4 corner) Well No. 2: SE 1/4 SE 1/4 section 32; (300ft W of SE corner sec 32) Well No. 3: SW 1/4 SE 1/4 section 35; (S 1/4 corner) all in T98N-R50W

The works are capable of diverting and conveying to the place of use 1.52

cu. ft. per second of water which is to be used for rural water system purposes.

Water has been put to beneficial use to the maximum extent as follows: to supply the rural water system. The actual diversion rate slightly (685 gpm) exceeds the 650 gpm authorized by Permit No. 4300-3B.

Permit Nos 4300-3 and 4300-3A are to be incorporated into No. 4300-3B.

comprising a total of NA acres of land and the license should be issued for 1.44 cfs

Applicable permit qualifications have been complied with ☒ Yes ☐ No

Exceptions to compliance are: _____ Date 8/20/86

* Maximum annual withdrawal = 1048 acre-feet (all permits)
4300-3 & 4300-3A authorize - 455 acre-feet (priority 8/30/77)
4300-3B authorizes - 593 acre-feet (priority 7/26/85)

[Signature]
(signature)

4300-3
4300-3A

LICENSE FOR PERMIT NUMBER 4300-3B

1. Legal location of wells: _____

dams & structures: _____

2. Well Information: Well Drilling Firm Huron Drilling & Their Drilling

Completion Report Yes 1 No 2 No. of Wells 3 Depth _____

Casing a) diameter _____ Screen a) type _____

b) length _____ b) length _____

c) type _____ Static Water Level _____

Pump a) make _____ Motor a) make _____

b) model _____ b) model No. _____

c) size _____ c) horsepower rating _____

d) capacity _____ gpm

e) turbine pump - no. of stages _____

f) operating PSI _____

4 Distribution Pumps:

motor: US Electrical pump: Layne

25hp, 1750rpm No. 94112

NRR R2142743M

motor: US Electrical pump: Layne

25hp, 1750rpm No. 94111

NRR R2141514M

motor: US Electrical pump: Layne

25hp, 1750rpm No. 94113

NRR R2141505M

motor: US Electrical pump: Layne

25hp, 1750rpm No. 94114

NRR R2142749

3. Distribution lines or canals

a) size _____

b) type _____

c) length _____

4. Dam Information:

a) height to crest _____ m) Outlet tubes:

b) height to primary spillway _____ 1) diameter _____

c) height to secondary spillway _____ 2) type _____

d) crest width _____ 3) valved (Y/N) _____

e) crest length _____ 4) valve type _____

f) spillway length _____ 5) location on structure _____

g) spillway width _____

h) approx. storage _____ n) Category of Dam _____

i) approx. storage to crest _____

j) date constructed _____

k) inspection sheet completed (Y/N) _____

l) Name of Contractor _____

Chancellor Pump Station:

2 pumps - both:

US Electrical

15 hp

with a Layne pump

125 gpm each

5. System Type a) sideroll:

- 1) length _____ feet
- 2) diameter of pipe _____
- 3) make, model & number of sprinklers _____
- 4) spacing of sprinklers _____
- 5) nozzle size _____

c) gun

- 1) make _____
- 2) nozzle size _____
- 3) capacity (GPM) _____
- 4) hose size _____
- 5) hose length _____

e) gated pipe

- 1) length _____
- 2) diameter _____
- 3) spacing of gates _____

f) portable boom

- 1) make _____
- 2) nozzle size _____
- 3) capacity (GPM) _____

b) towline:

- 1) length _____ feet
- 2) make, model & number of sprinklers _____
- 3) spacing of sprinklers _____
- 4) nozzle size _____

d) center pivot

- 1) make _____
- 2) number of towers _____
- 3) distance between towers _____
- 4) overall length _____
- 5) end gun (Y/N) _____
- 6) high or low pressure _____
- 7) make & size of nozzles _____

- 8) capacity (GPM) _____

g) siphons

- 1) size _____
- 2) number _____

NOTE: For Permits with additional wells or changes in well locations, record the following for each well: pumping capacity, date constructed, well driller and if a well log is available.

Indicate any other permit(s) which are associated with project _____

Yes	No	Check Items
---	---	1. Soil and water permit lands agree with lands being irrigated and lands listed on permit?
☒	---	2. Special qualifications to permit being abided by?
☒	---	3. All structures, wells and lands on map?
---	---	4. Irrigation Questionnaires checked to determine if permit owner started irrigation by end of construction period?
---	---	5. Is chemigation used?
---	---	6. If yes, does equipment comply with chemigation rules?

REMARKS:

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 4300-3B

(1) South Lincoln Rural Water System, Inc. of Box 155, Canton SD 57013 made Application No. 4300-3B, September 26, 1985 for a water permit to appropriate 1.44 cubic feet of water per second from groundwater (3 existing wells) in Lincoln, Minnehaha, Turner and Union Counties, South Dakota for rural water system purposes. Permit No. 4300-3B with a priority date of September 26, 1985 was approved May 14, 1986 and issued to applicant(s) for diversion of water with construction of the described water supply system to be completed on or before May 14, 1991 and for the application to beneficial use of said water on or before May 14, 1995.

Water Permit No. 4300-3 authorizes diversion of 2.0 cubic feet of water per second (cfs) from three wells. Water Permit No. 4300-3A amended Permit No. 4300-3 to change the location of Well #3. Permit Nos. 4300-3 and 4300-3A collectively authorized an annual withdrawal of 455 acre feet with a priority date of August 30, 1977.

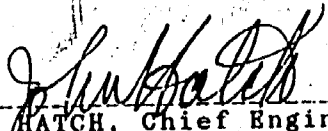
Water Permit No. 4300-3B amended Nos. 4300-3 and 4300-3A to delete the qualification limiting annual withdrawals to 455 acre feet. No. 4300-4B, with a priority date of September 26, 1985, authorizes withdrawal of 593 acre feet with a maximum annual withdrawal of 1048 acre feet for all three permits.

The applicable portions of Water Permit Nos. 4300-3 and 4300-3A are incorporated into this Water License No. 4300-3B.

(2) It is certified that the applicant has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 1.44 cubic feet of water per second for beneficial use. The location of the diversion points are: Well #1: SE 1/4 NE 1/4 (E 1/4 corner) Section 20; Well #2: 300'W of the SE corner (SE 1/4 SE 1/4) Section 32; Well #3: SW 1/4 SE 1/4 (S 1/4 corner) Section 35; all in T98N, R50W.

(3) The applicant has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use.

(4) Pursuant to Section 46-5-30.1 South Lincoln Rural Water System, Inc. of PO Box 155, Canton SD 57013 the holder(s) and/or owner(s) of Incorporated No. 4300-3B is issued a license to appropriate water, the right to use 1.44 cubic feet of water per second from groundwater (3 wells - Dakota Sandstone Formation) with priority dates of August 30, 1977 (455 acre feet annual withdrawal) and September 26, 1985 (593 acre feet annual withdrawal) from the location specified in (2) of this license. The water is appropriated for the purpose of rural water system use. This license is subject to any limitations or qualifications listed in Incorporated No. 4300-3B and subject to South Dakota State Law.



JOHN HATCH, Chief Engineer
Water Rights Division
Department of Water and Natural
Resources

APR 25 1990

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

410645

Pierre, December 12, 1986, 19

RECEIVED OF South Lincoln Rural Water Box 155, Canton, SD 57013

the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. _____ to Appropriate Water, to construct works and to put water to beneficial use _____	
Fee for Application for Permit No. _____ to Appropriate Water for Future Use _____	
Fee to retain Future Use Permit No. _____ after period of seven years.	
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. 4300-3, 4300A-3, 4300B-3	50 00
Fee for Filing Transfer Form _____	
Fee for Filing Extension Request _____	
Fee for Certified Copy of _____	
Fee for Print Copy of Map _____	
Fee for Certifying _____	
Fee for _____	
(Any Other Work Provided by Law)	
Total	50 00

By John Hatch
Chief Engineer JOHN HATCH (115)

4300-3B

**South Dakota Department of
Water & Natural Resources**

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

APR 25 1990

Charles Kuehl, Chairman
South Lincoln Rural Water System
PO Box 155
Canton SD 57013

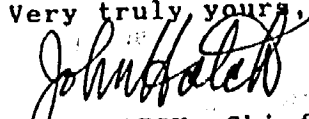
Dear Mr. Kuehl:

Enclosed is Water License No. 4300-3B. This is the final water right document completing your process of obtaining a water right.

As long as you use the water beneficially, as stated in the Water License, the State Water Law provides that you have a continuing right to use the water.

The applicable portions of Water Permit Nos. 4300-3 and 4300-3A are incorporated into this Water License No. 4300-3B.

Very truly yours,



JOHN HATCH, Chief Engineer
Water Rights Division
605 773-3352

enclosures

FEASIBILITY STUDY

FOR

WATER SERVICE TO CITY OF LENNOX

FROM

SOUTH LINCOLN RURAL WATER

DeWild Grant Reckert & Assoc. Co.

PROJECT NO. 35130

FEASIBILITY STUDY
FOR
WATER SERVICE TO CITY OF LENNOX
FROM
SOUTH LINCOLN RURAL WATER
AUGUST 1985

I hereby certify this study was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer in the State of South Dakota.

By David Holman
David Holman, South Dakota Reg. No. 3473
Date August 22, 1985

DEWILD GRANT RECKERT & ASSOCIATES COMPANY
ARCHITECTURE - ENGINEERING - PLANNING
ROCK RAPIDS, IOWA
SIOUX CITY, IOWA
SIOUX FALLS, SOUTH DAKOTA
DENVER, COLORADO
DES MOINES, IOWA

Feasibility Study
For
Water Service to City of Lennox
From
South Lincoln Rural Water System

August 1985

Index

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Appendices

- No. 1 - Proposal Letter to Complete the Feasibility Study
- No. 2 - Explanation of Chemical Analyses of Common Ions
- No. 3 - Chancellor Water Supply Contract
- No. 4 - Letter Identifying Lennox Design Parameters
- No. 5 - Letter Regarding Existing Water Rights

Feasibility Study
For
Water Service to City of Lennox
From
South Lincoln Rural Water System

BACKGROUND

South Lincoln Rural Water (SLRWS) was contacted by the City of Lennox in early 1985 in an effort to improve the quality of water available to the community. Based upon this contact and a subsequent meeting involving representatives of South Lincoln and Lennox, the completion of a feasibility study was proposed and authorized. See Appendix No. 1.

WATER QUALITY

For comparison purposes, water quality is presented in Table 1.

TABLE 1
LENNOX AND SOUTH LINCOLN WATER QUALITY

	Units	Suggested Limit	Lennox No.1 4/29/83	Lennox No.2 4/29/83	SLRWS No.1 11/16/84	SLRWS No.2 11/16/84	SLRWS No.3 11/16/84
Sample Date	-	-	4/29/83	4/29/83	11/16/84	11/16/84	11/16/84
Parameter							
Nitrate	mg/l	10*	0.3	0.1	0.1	0.1	1.0
Fluoride	mg/l	2.4*	0.17	0.20	1.87	2.0	1.54
Chloride	mg/l	250	15.3	15.0	20.6	46.6	9.7
Iron	mg/l	0.3	2.58	2.37	1.39	0.64	0.45
Manganese	mg/l	0.05	1.29	1.29	0.09	0.04	0.05
Sulfate	mg/l	250	1150	1175	116	187	82
Total Solids	mg/l	500	2109	2134	511	699	471
Calcium	mg/l	-	390	393	29.9	35.2	26.4
Magnesium	mg/l	-	95.8	95.7	9.8	11.4	8.7
Hardness	gpg	-	80	80.4	6.7	7.9	5.9
Sodium	mg/l	-	138	138	149	186	125
Potassium	mg/l	-	11.4	11.5	15.5	16.0	15.7

*Maximum Contaminant Limit.

See Appendix No. 2 for an explanation of chemical analyses of common ions.

CURRENT SYSTEM OPERATION

Data were furnished by SLRWS and included the following:

1. As-built pipe size, class and routing in Sections 2 and 3 [that area between the Lincoln Main Control Building (MCB) and the City of Lennox].
2. Actual water sold in May 1985 (peak month) by service connection in Sections 2 and 3.
3. Annual water pumped.
4. Residual operating pressures at various locations in Sections 2 and 3.

Water pumped was evaluated per Table 2.

TABLE 2
SOUTH LINCOLN RURAL WATER
GALLONS OF WATER PUMPED ANNUALLY

	1982	1983	1984	1985
Users Reporting	990	1010	1045	1085
January	7,419,000	6,960,000	10,297,000	9,526,000
February	7,321,000	6,317,000	8,441,000	8,858,000
March	8,003,000	8,716,000	9,608,000	10,473,000
April	7,535,000	8,621,000	8,908,000	10,621,000
May	7,393,000	9,727,000	9,881,000	12,121,000
June	8,555,000	9,562,000	9,382,000	11,671,000
Subtotal	46,216,000	49,903,000	56,517,000	63,270,000
July	9,177,000	10,730,000	11,021,000	
August	10,243,000	11,428,000	12,151,000	
September	7,604,000	8,821,000	10,509,000	
October	7,065,000	8,620,000	9,661,000	
November	6,516,000	7,810,000	9,339,000	
December	7,074,000	8,524,000	9,713,000	
Subtotal	47,679,000	55,933,000	62,394,000	
Total	93,895,000	105,836,000	118,911,000	133,500,000 (estimated)
Acre Ft./Yr.	288	325	365	410
Gal./Mo./Conn.	7,900	8,730	9,480	10,250

The following observations are noted:

1. Annual pumpage per connection has increased for each year of available records at an average rate of approximately 10% per year. A projected pumpage of 10,250 gallons per connection per month is expected in 1985.
2. Utilizing peak month data (May 1985), an average pumpage of 11,170 gallons per connection per month was determined. Utilizing water sold plus computed loss, average pumpage to Section 2 and 3 connections was determined to be the following:
 - a. Section 2 - 10,983 gallons/connection/month
 - b. Section 3 - 11,145 gallons/connection/month

Identifying system operation involved predicting residual pressures within the system utilizing the as-built pipe data and water sold at each connection. The predicted pressures were compared to actual operating pressures collected in the field and the delivery time and usage patterns varied until the predicted and operating pressures were within an acceptable range. A comparison of pressures is presented in Table 3.

TABLE 3
COMPARISON OF RESIDUAL PRESSURES

User Location	Observed Pressure PSI	Predicted Pressure Delivery 1/12 hr. PSI	Predicted Pressure Delivery 2/14 hr. PSI	Predicted Pressure Delivery 2/12 hr. PSI
K. Plucker	42	0	37	20
F. Haan	120	122	123	123
R. Hammer	68	55	-	70
J. Mundhenke	50	24	-	50
Chancellor PS	63	38	-	61

Based upon the noted comparison, the pressure predicted utilizing Delivery Scheme 2 over a 12 hour delivery period appeared to provide a satisfactory comparison. Therefore, in evaluating expansion of SLRWS to accommodate added connections (rural and the City of Lennox), Delivery Scheme 2 and a 12 hour delivery time were utilized.

WATER DEMAND PROJECTIONS

Noting that the annual pumpage per connection has increased each year for SLRWS and that other eastern South Dakota systems have reached a plateau of water demand between 13,000 and 15,000 gallons per connection per month, the average demand per connection for this report will be assumed to be 13,000 gallons per connection per month. Current and future water demands are summarized in Table 4.

TABLE 4
SLRWS WATER DEMAND PROJECTIONS

Current Demand	
1,136 Rural Connections	14,768,000 gal/month
Chancellor	930,000 gal/month
	<u>15,698,000 gal/month</u>
	188,376,000 gal/year
	578.1 acre-ft./yr.
	358 gpm*-24 hr. flow
Future Demand-Current Demand plus Lennox	
1,136 Rural Connections	14,768,000 gal/month
Chancellor	930,000 gal/month
Lennox	9,000,000 gal/month
	<u>24,698,000 gal/month</u>
	296,376,000 gal/year
	909.5 acre-ft./yr.
	563 gpm*-24 hr. flow

Puture Demand-Current Demand plus Lennox
and Rural Connections
1,400 Rural Connections
Chancellor
Lennox

18,200,000 gal/month
930,000 gal/month
9,000,000 gal/month
28,130,000 gal/month

337,560,000 gal/year

1035.93 acre-ft./yr.

642 gpm-24 hr. flow

*gpm - gallons per minute

WELL FIELD CAPACITY

SLRWS currently has 3 wells capable of producing a total of 650 gpm per the following:

	<u>Depth</u> (ft.)	<u>Flow</u> (gpm)
Well No. 1	610	300
Well No. 2	650	300
Well No. 3	490	50

A total capacity of 650 gpm would allow SLRWS to meet the current demand with the largest well out of operation. If the City were to be added, an additional well would be required of 250-300 gpm capacity to satisfy the noted criteria.

A possible well location would be at the MCB which would provide several benefits:

1. The site is owned by SLRWS.
2. Piping from the well could be direct to the MCB without affecting current well line capacity.
3. Based upon previous test drilling, the chances of a 250-300 gpm capacity well are greater in the north/south trough in which Wells No. 1 and 2 are located.

Based upon the contract price for completion of Well No. 3, a well can be expected to cost \$100/ft. to construct or approximately \$65,000-\$70,000. Completion costs (pitless, pump, motor, etc.) are expected to cost approximately an additional \$30,000.00.

WELL PIPELINE CAPACITY

Consistent with the previous statements regarding possible well location, the existing well pipeline capacity is not impacted. However as a matter of information, the capacity of the line between Well No. 2 and the MCB is approximately 900 gpm at current operating pressures.

HIGH SERVICE PUMPING CAPACITY & STORAGE

Current operation of the MCB requires the use of 2 and sometimes 3 of the 4 available high service pumps in meeting system demands. The added demand of the City would not require additional high service pumping but would utilize the existing available capacity. The original cost of the MCB is equal to approximately \$250.00 per gpm of high service capacity.

Storage at the MCB (approximately 150,000 gallons) should be sufficient provided that the recommended additional well field capacity is available.

DISTRIBUTION SYSTEM CAPACITY

The following were utilized in evaluating the distribution system capacity and the necessary construction and operational modifications:

1. Delivery Scheme 2 and a 12 hour delivery time.
2. Existing Connections Reporting Use - Actual use plus 30% to account for continued increase in use and peak day demands.
3. Existing Connections Reporting No Use - Use 14,300 gallons per connection per month.

4. City of Chancellor - Use 930,000 gallons per month (30 gallons per minute) consistent with current contract. See Appendix No. 3.
5. City of Lennox - Use 9,300,000 gallons per month (300,000 gallons per day) with variable delivery times (16 and 20 hour). See Appendix No. 4.
6. Potential Connections - Use 14,300 gallons per connection per month.

In order to furnish the desired flow(s) to the City, a booster station will be required southeast of Lennox in Section 19, T98N, R50W or 1/2 mile west of the Canton interchange on I-29. The station would receive and pump approximately 500 gpm to the area northwest of its location.

Mainline modifications will also be required both before and after the proposed booster and will vary with the alternative considered:

1. 250 gpm to Lennox Ground Storage Reservoir (GSR)
2. 250 gpm to Lennox Tower (100' Midwater)
3. 300 gpm to Lennox Tower

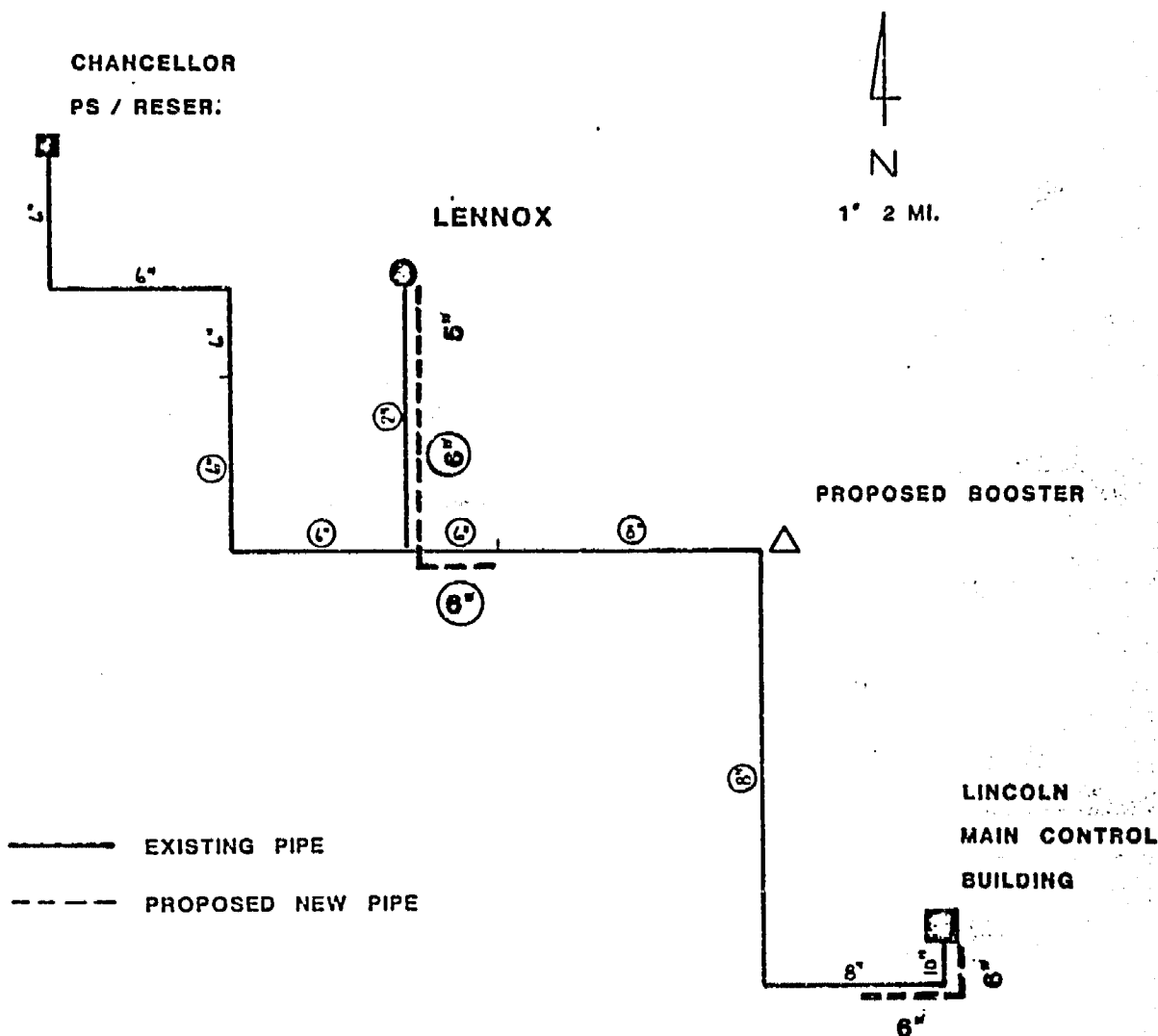
See Figures 1, 2 and 3.

CITY STORAGE

It was assumed that the City's existing GSR was available for use without modification in delivery of water envisioned in the first alternative.

Based upon the reported condition of the existing City tower, an estimate for the cost of a new tower was included in all alternatives.

LENNOX - 250 GPM TO GSR



SOUTH LINCOLN RURAL WATER
SERVICE TO LENNOX

Figure 1

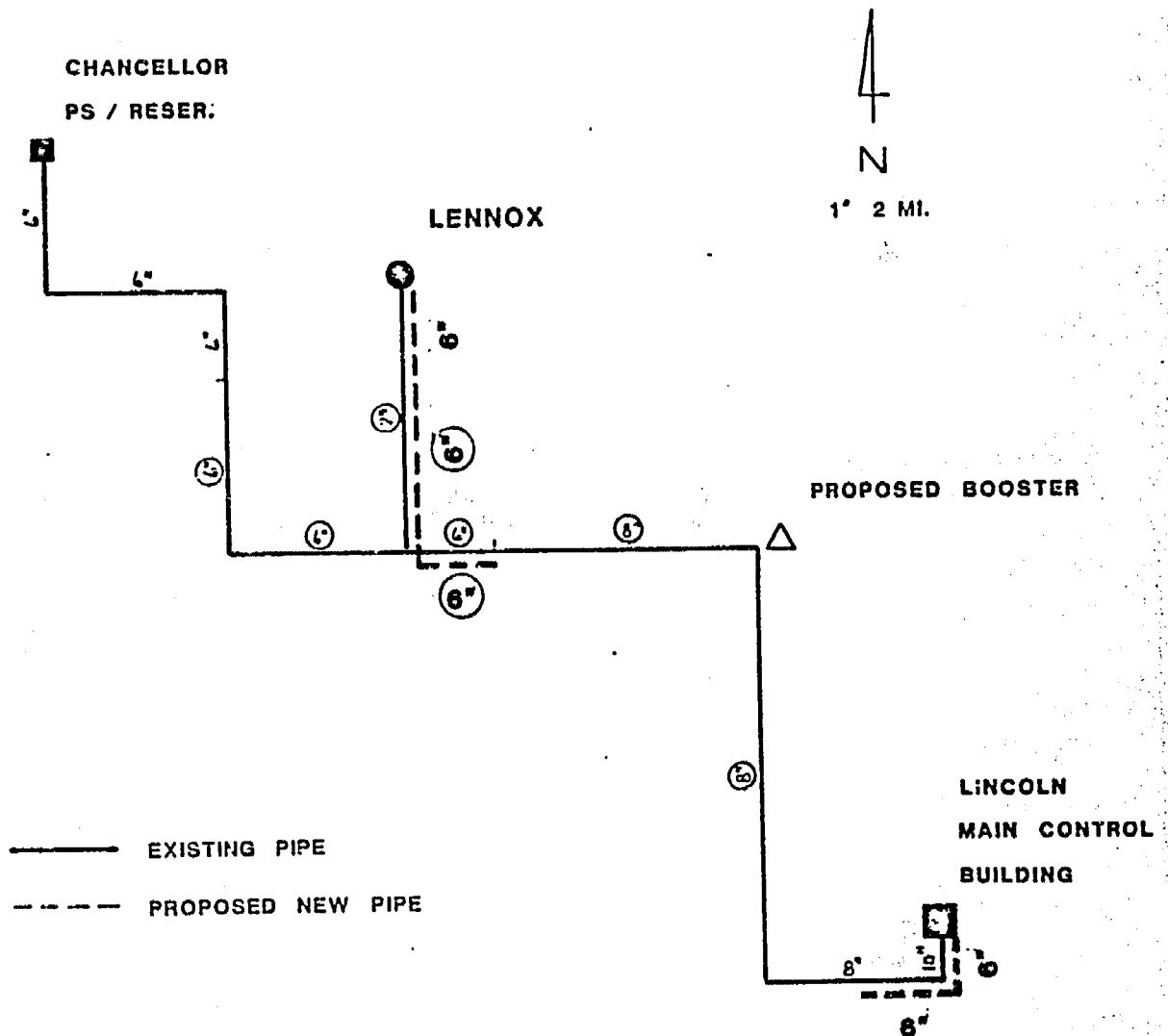


DeWid Grant Recker & Associates Co.
Architecture Engineering Planning
Pock Rapids, Iowa
Sioux City, Iowa
Sioux Falls, South Dakota

Date: 11/85
Drawn by: L.W.
Approved:
Revised:

SOUTH LINCOLN RURAL WATER
CANTON, SOUTH DAKOTA

LENNOX - 250 GPM TO TOWER



SOUTH LINCOLN RURAL WATER SERVICE TO LENNOX

Figure 2

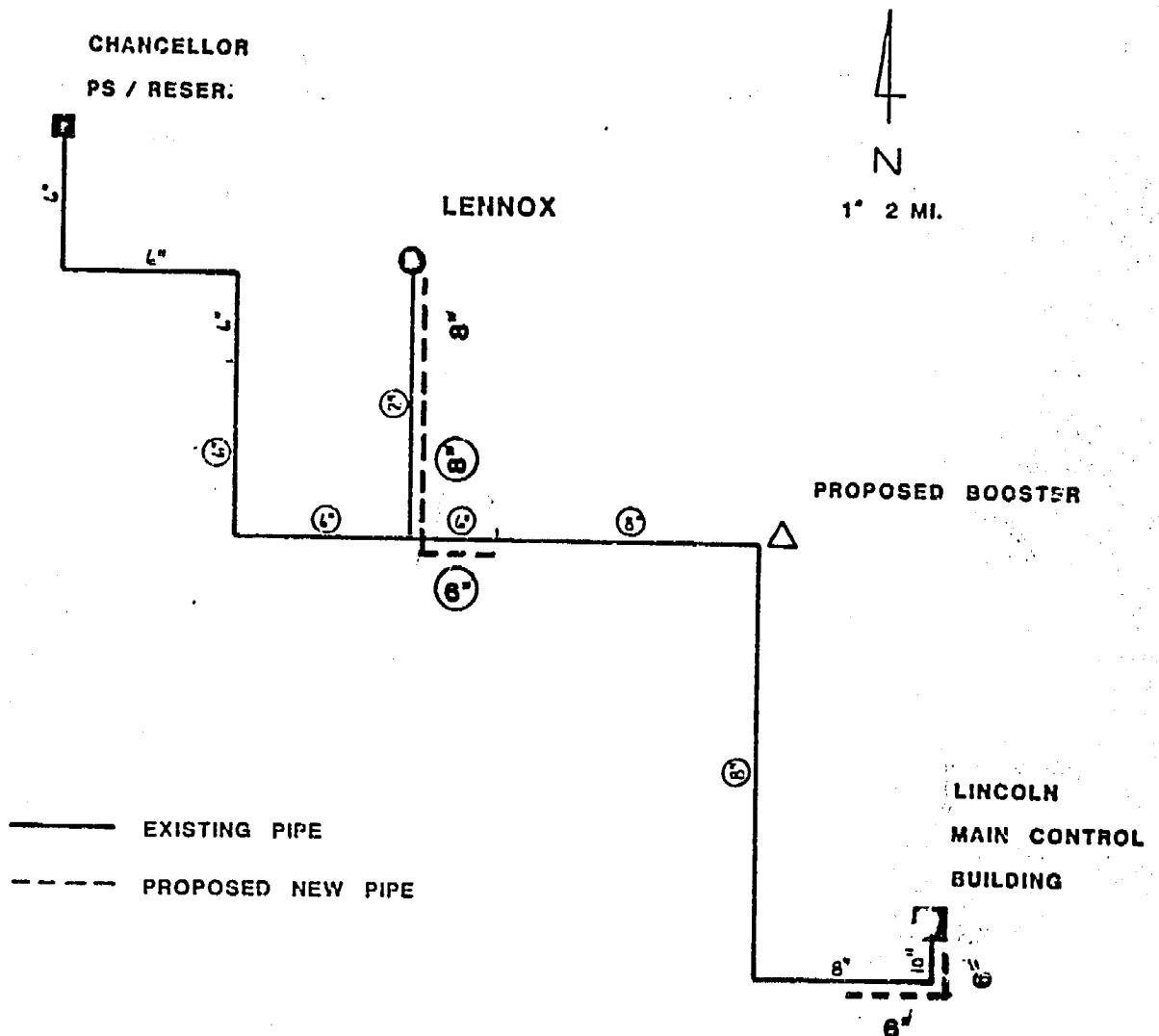


DeWild Grant Reckert & Associates Co.
Architecture Engineering Planning
Rock Rapids, Iowa
Sioux City, Iowa
Sioux Falls, South Dakota

Date: AUG. 1985
Drawn By: L. HJ.
Approved:
Revised:

SOUTH LINCOLN RURAL WATER
CANTON, SOUTH DAKOTA

LENNOX - 300 GPM TO TOWER



SOUTH LINCOLN RURAL WATER SERVICE TO LENNOX

Figure 3

DeWild Grant Reckert & Associates Co.
Architecture Engineering Planning
Pock Rapids, Iowa
Sioux City, Iowa
Sioux Falls, South Dakota

Date
Drawn By
Approved
Revised

AUG. 1185
L. HJ.

SOUTH LINCOLN RURAL WATER
CANTON, SOUTH DAKOTA



STANDARD BLUE, CHAMA 11888

COST ESTIMATES

The following estimated costs are presented:

1.	Well Construction	\$ 7,500.00
	Test Hole	62,500.00
	Well Construction (625' @ \$100/ft.)	30,000.00
	Well Completion	\$100,000.00
	Estimated Cost	\$ 0.00
2.	Well Pipeline	
3.	High Service Pumping Capacity Charge	\$ 62,500.00
	a. 250 gpm @ \$250.00/gpm	\$ 75,000.00
	b. 300 gpm @ \$250.00/gpm	\$ 0.00
4.	MCB Storage	
5.	Distribution Modifications	
	a. 250 gpm to Lennox GSR	\$ 44,520.00
	15,900 ft. of 6" CL 200 PVC @ \$2.80/ft.	\$ 15,900.00
	7,950 ft. of 6" CL 160 PVC @ \$2.45/ft.	\$ 19,477.50
	7,950 ft. of 5" CL 160 PVC @ \$2.00/ft.	\$ 79,897.50
	Subtotal	\$ 23,969.25
	Valves, Road Crossings, etc. @ 30%	\$103,866.75
	Estimated Cost	
	b. 250 gpm to Lennox Tower	\$ 44,520.00
	15,900 ft. of 6" CL 200 PVC @ \$2.80/ft.	\$ 38,955.00
	15,900 ft. of 6" CL 160 PVC @ \$2.45/ft.	\$ 83,475.00
	Subtotal	\$ 25,042.50
	Valves, Road Crossings, etc. @ 30%	\$108,517.50
	Estimated Cost	
	c. 300 gpm to Lennox Tower	\$ 45,050.00
	10,600 ft. of 8" CL 200 PVC @ \$4.25/ft.	\$ 29,017.50
	7,950 ft. of 8" CL 160 PVC @ \$3.65/ft.	\$ 14,840.00
	5,300 ft. of 6" CL 200 PVC @ \$2.80/ft.	\$ 19,477.50
	7,950 ft. of 6" CL 160 PVC @ \$2.45/ft.	\$108,385.00
	Subtotal	\$ 32,515.50
	Valves, Road Crossings, etc. @ 30%	\$140,900.50
	Estimated Cost	\$ 90,000.00
6.	Booster Station (500 gpm)	\$250,000.00
7.	Elevated Storage (300,000 gallon)	
8.	Other Costs including land, legal, engineering, construction interest, inspection and contingencies	20% of construction cost

SUMMARY OF CONSTRUCTION COSTS

	250 gpm to GSR \$100,000	250 gpm to Tower \$100,000	300 gpm to Tower \$100,000
Well Construction	0	0	0
Well Pipeline	62,500	62,500	75,000
High Service Capacity Charge	0	0	0
MCB Storage	104,000	118,500	140,900
Distribution Modifications	90,000	90,000	90,000
Booster Station	0	0	0
City Storage	250,000	250,000	250,000
Elevated Storage	606,500	611,000	655,900
Subtotal	121,300	122,200	131,180
Other Costs	\$727,800	\$733,200	\$787,080
Total Estimated Cost			

POSSIBLE PROJECT FUNDING

Based upon the summary of construction costs, delivery of 250 gpm to a tower to be shared between the City and rural area appears to be the most cost effective alternative when considering the advantage of elevated storage. Therefore, possible project funding will be reviewed for this alternative and could include the following:

1. CDBG (HUD grant-40%)	\$293,280
2. City Contribution	\$439,920
Total	\$733,200

The City contribution could be provided by the City in several ways including a direct contribution from city funds, the sale of municipal bonds or perhaps a loan financed by water revenue. In each case, the funds used have a value either as interest lost or interest paid. As an example, if the City were to borrow \$439,920 from Farmers Home Administration (FmHA) at current rates (8.625% interest for 40 years), an annual payment including reserve of \$43,324.64 would be required. This amounts to approximately \$0.79 per thousand gallons at an average daily use of 150,000 gallons.

RECOMMENDATIONS TO THE CITY

1. Review the alternatives considered, the associated cost estimates and possible project funding. Considering cost and the benefit of elevated storage, delivery of 250 gpm to an elevated tower is the recommended alternative.
2. If any of the alternatives and associated costs are acceptable, the following is recommended:
 - a. Apply to the State Water Plan before September 1, 1985.
 - b. Negotiate an agreement with SLRWS.
3. Evaluate the City contribution and possible project funding by meeting with FmHA and the Department of Water and Natural Resources (DWNR) concerning loans and grants respectively.
4. Consistent with previous decisions, hold two (2) public hearings to discuss the alternatives, estimated costs and possible funding sources.
5. Prepare and submit the appropriate funding applications. The earliest that a CDBG application could be filed would be December 1, 1985 for the last quarter of 1985 funding. If such is not possible, applications for the 1986 funding will be accepted sometime during the first quarter of 1986.
6. Based upon initial review and comment of any funding applications submitted, review and coordinate application for water rights.

7. With the availability of funding and a water right, secure the necessary sites and proceed with project design and construction.

RECOMMENDATION TO SLRWS

1. Based upon Table 4 - SLRWS Water Demand Projections, submit an application to the Water Management Board to delete the qualification limiting the annual withdrawal. See the DWR comment letter in Appendix No. 5.
2. Consistent with City decisions, negotiate an agreement and assist with project development.

APPENDIX NO. 1

DeWild Grant Reckert & Associates Co.

Architecture Engineering Planning

315 First Avenue
Rock Rapids, IA 51246
Telephone 712 472 2531

April 22, 1985

South Lincoln Rural Water System
Box 155
Canton, SD 57013

Attn: John Sievers

Re: Service to Lennox

Dear John:

As discussed at your board meeting of April 16, 1985, this letter is intended to provide a proposal for engineering services associated with hydraulic evaluation and review of providing water service to the City of Lennox. The following is proposed:

1. Utilizing water use data provided by the City (peak day pumped, average day pumped, monthly water pumped, monthly water sold), identify a flow rate and daily water use figure agreeable to both SLRWS and the City on which to base the hydraulic evaluation.
2. Utilizing the flow rate determined in Item 1 plus South Lincoln flows (furnished by SLRWS), the existing SLRWS facilities will be reviewed to identify any suggested modifications to meet the additional demand including:
 - a. Well field capacity.
 - b. Well pipeline capacity.
 - c. High service pumping capacity including storage requirements.
 - d. Distribution system capacity.

In completing the evaluation, existing and potential needs of both South Lincoln and the City will be considered.

3. Consistent with the modifications and alternatives developed in Item 2, prepare associated cost estimates.
4. Review sources of potential project funding including associated application requirements.

Mr. Sievers
April 22, 1985
Page Two

5. Provide recommendations regarding the most cost effective alternative to provide water service from SLRWS to Lennox and the acquisition of funding.
6. Identify and prioritize specific requirements associated with project development including but not limited to, the following:
 - a. Application and inclusion within the State Water Plan.
 - b. Public hearings.
 - c. Application for and acquisition of funding.
 - d. Application for and acquisition of Water Rights.
 - e. Site acquisition.
7. Prepare and submit a written report.

We propose to complete the above described work for a lump sum fee of \$2,050.00. In addition should the City desire assistance in gaining a water right for their current source of water consistent with Item 1, we would assist in the preparation and filing of the necessary paperwork for an additional \$200.00.

Should you have questions or desire additional information, please advise. If not, signing and returning one (1) copy of this letter will provide the necessary authority for the initiation and completion of the described work.

Very truly yours,

DEWILD GRANT RECKERT
& ASSOCIATES COMPANY

David Holman, P.E.

DH:jkv

APPROVED:

South Lincoln Rural Water System

By _____

APPENDIX NO. 2

COMMON IONS

CHLORIDE - Chlorides in drinking water are generally not harmful to human beings until high concentrations are reached, although chlorides may be injurious to some people suffering from diseases of heart or kidneys. Restrictions on chloride concentrations in drinking water are generally based on taste requirements rather than on health. The source of chlorides may be a more important factor than the quantity of chloride, in that any sudden increase in the chloride content should be suspected as a possible indication of pollution and should be investigated further. Chlorides should not exceed 250 mg/l.

COPPER - Copper is currently regulated because of its effect on taste of drinking water. It is commonly found in drinking water from corrosion of copper pipes. Copper is an essential nutrient, but there is no evidence of copper deficiency in the U.S. population. Toxic effects from elevated drinking water levels have been reported especially for infants. Copper imparts an unpleasant taste to drinking water, which along with an emetic effect, served to limit the amount of copper which can be ingested from drinking water. The occurrence of copper in drinking water is usually a result of corrosion. The recommended maximum limit is 1 mg/l.

IRON AND MANGANESE - Iron and manganese are nuisance chemicals which cause troublesome stains and deposits on light colored clothes, on plumbing fixtures and in pipes. Iron can be removed in a zeolite softener equipped with a special resin or by small treatment systems involving aeration, filtration, and chlorination. Manganese in excess of 0.05 mg/l will more than likely cause problems. Iron problems arise with levels greater than 0.3 mg/l.

SULFATE - Sulfate is a common water contaminant and in some cases it occurs at concentrations high enough to cause laxative effects, particularly in those not acclimated to use of high-sulfate waters. Sulfate has been suspected as a contributing factor in the formation of various organ or duct calculi. Sulfate is extremely difficult to remove from drinking water. Anion exchange and reverse osmosis are reasonably effective. The maximum recommended limit is 250 mg/l.

ZINC - Zinc is currently regulated based upon taste considerations. Zinc occurrence in drinking water is most frequently due to the corrosion of galvanized iron pipe and fittings. Zinc is relatively non-toxic and is an essential trace element. At drinking water concentrations high enough to cause gastrointestinal disturbances, zinc would impart a strong astringent taste and milky appearance to the water. The recommended maximum limit is 5 mg/l.

SOLIDS (TOTAL) - This refers to the amount of total solid matter suspended and dissolved in water. Water with a high solids count generally are of poor drinking water quality. A limit of 500 mg/l for drinking water is recommended with 4000 mg/l as a maximum.

pH - The pH indicates the acidity of your drinking water. The pH scale is from 0 to 14 units with a value of 7 being neutral (equal amounts of acid and base). pH values less than 7 are acidic, and pH values above 7 are basic. The recommended limit for pH is 6.5-8.5.

ALKALINITY - Alkalinity is not considered to be detrimental to humans, but it is generally associated with hardness, high pH values and excessive dissolved solids, all of which may be undesirable. No recommended standard has been set.

BICARBONATES - Excessive bicarbonates add to the salinity and total solids content of water, and at high temperature tend to form scale deposits on faucets. No recommended standard has been set.

CARBONATE - This term is also called temporary hardness because heating will remove it. When the water is heated, bicarbonates break down into carbonates that form solid particles which stick to the inside of pipes or a heated surface.

CONDUCTIVITY - This measures the ability of water to conduct electric current, and is related to the type and amount of dissolved chemicals in the water. In general, waters having a conductivity of less than 1000 micromhos may have slight hardness as well as taste and odor problems. Dependent upon the particular chemicals dissolved in the water, these problems may become more pronounced with increasing conductivity to the extent that levels greater than 3000 micromhos may make the water objectionable for human use.

CALCIUM - Calcium content is not a health hazard, but contributes to hardness and is disadvantageous for household uses such as washing, bathing, and laundering. It tends to cause incrustations on cooking utensils and water heaters. No recommended standard for calcium has been set.

MAGNESIUM - Magnesium is considered relatively non-toxic to man, and not a public health hazard because before toxic concentrations are reached in water, the taste becomes quite unpleasant. At high concentrations, magnesium salts have a laxative effect, particularly upon new users, although the human body can develop a tolerance to magnesium over a period of time.

HARDNESS - Hardness is the soap-consuming capacity of water, that is, the more soap required to produce lather, the harder the water. Hard water also causes greasy rings on bathtubs and sinks, chemical deposits in pipes and faucets, greasy films on dishes or on hair after washing and poor laundry results.

The hardness of South Dakota waters may be ranked as follows:

0-3 gpg	Soft water
4-10 gpg	Reasonably soft
11-25 gpg	Fairly hard, less than average for SD
26-50 gpg	Average hardness for SD
51-75 gpg	Very hard
over 75 gpg	Extremely hard

LANGELIER INDEX - This value indicates whether the water tends to be corrosive (-) or deposit (+) forming.

SODIUM - Sodium may be of health significance to persons on a low-salt diet for medical reasons. The sodium content is increased when water is passed through an ion exchange water softener.

POTASSIUM - In public drinking water supplies, potassium is an essential nutritional element, but in excessive quantities it acts as a laxative, and 1000 mg/l to 2000 mg/l is regarded as the extreme limit of potassium permissible in drinking water.

APPENDIX NO. 3

WATER SUPPLY CONTRACT

THIS AGREEMENT, entered into between South Lincoln Rural Water System, Inc.; hereinafter referred to as Water System, and the Town of Chancellor, South Dakota, hereinafter referred to as Town, WITNESSETH,

WHEREAS, Water System is a South Dakota non-profit Corporation organized and established for the purpose of constructing and operating a rural water system; and,

WHEREAS, Town owns and operates a water distribution system and desires to purchase water from Water System for distribution by the Town to its customers; and

WHEREAS, the estimated cost of constructing a water main in such a manner so as to provide such water to the Town, is the sum of \$4750.68 which would not otherwise have to be incurred by the Water System;

NOW THEREFORE, in consideration of the foregoing and the mutual agreements hereinafter set forth:

A. The Water System agrees:

1. QUALITY AND QUANTITY. To furnish the Town, at the point of delivery hereinafter specified during the term of this contract or any renewal or extension thereof, potable

water meeting applicable purity standards of any Government Agency having jurisdiction thereof in such quantity as may be required by the Town, subject to the limitations and restrictions hereinafter set forth, except that such quantity shall not exceed 930,000 gallons per month, and at a rate of flow not to exceed 30 gallons per minute, unless otherwise mutually agreed. Notwithstanding the foregoing limitations, if the Water System is capable of, and does in fact, furnish the Town with quantities of water exceeding those limits contained herein, such action shall not be deemed to be a waiver of such limitations.

2. POINT OF DELIVERY AND PRESSURE. To furnish water at a reasonably constant normal pressure calculated at 137 to 80 P.S.I. upon operation of the Chancellor Pump Station, the point of delivery to be the meter and control structure at the present Northeast corner of town, except that, in the event the Town would ever desire to change the point of delivery, said point of delivery shall be moved, at the sole expense of the Town, and the Town shall be solely responsible for providing the access necessary to the rural water system for the operation of any part of said Water System now or hereafter located within such corporate limits.

At the sole option of the Water System, water can be supplied to the Town at such times as are not during peak usage by the Water System, as the Water System shall

determine, and such water shall then be stored by the Town. If a greater pressure than that normally available at the point of delivery, as set forth above, is required by the Town, the cost of providing such greater pressure shall be borne by the Town. Failure of pressure or supply, due either to compliance by the Water System with its water rights granted by the State of South Dakota, or by emergencies such as main supply line breaks, power failures, flood, fire and use of water to fight fire, earthquakes or other catastrophes, shall excuse Water System from this provision for such reasonable period of time as may be necessary to restore service.

3. METERING EQUIPMENT. To furnish, install, operate and maintain at its own expense at the point of delivery, the necessary metering equipment, including a meter house or pit, and other standard devices for properly measuring the quantity of water delivered to the Town.

4. CALIBRATION AND ADJUSTMENTS.

(a) If Town believes its meter reading to be in error, it shall present its claim in writing, at the Water System's office before said bill is delinquent (not later than the 20th day of the month). Such claim, if made after the bill has become delinquent, shall not be effective in preventing discontinuance of service, as hereafter provided. Town must

pay said bill under protest and said payment shall not prejudice its claim of error.

(b) Upon presenting its claim of error in a meter reading, the meter will be calibrated at Town's request, upon payment to Water System of the actual cost of the calibration, provided, however, that if the meter is found to over-register beyond three (3%) percent of the correct volume, no charge to Town will be made.

(c) Any adjustments of Town's bill, in the event of over-registering of a meter, as shown by calibration, shall not effect payment by the Town of the amount shown in paragraph B.1.

B. Town Agrees:

1. MONTHLY MINIMUM. To pay Water System not later than the 1st day of each month, the sum of \$23.78, which payments shall commence on June 1, 1981.

2. MEMBERSHIP FEE. At or prior to execution of this contract, Town has paid Water System the sum of \$261.00, which sum shall be treated and considered as a membership fee.

3. METER READING, RATES AND PAYMENT DATE. To read meter between the 25th and the last of each month, and to pay Water System, in addition to the sum set forth in Paragraph B.1. above, not later than the 15th day of each month, for water delivered to Town at the lowest rural retail rate then

being charged by the Rural Water System, which at the present time is \$1.25 per thousand gallons.

4. It is further agreed that the rates herein stated may be changed by Water System, but that any future increases in rates affecting Town shall result in rates which are not in excess of the then currently lowest retail rate charged other customers of the Water System after such change becomes effective.

5. The sums due under paragraphs B.1. and B.3. if not paid on or before the 10th day of each month, shall be declared delinquent, and service may thereafter be discontinued by District without further notice to the Town. All bills not paid by the 10th day of the month shall be subject to a two percent (2%) late charge for each month during which any delinquency continues.

C. IT IS FURTHER MUTUALLY AGREED BETWEEN WATER SYSTEM AND THE TOWN AS FOLLOWS:

1. TERM OF CONTRACT. This contract shall extend for a term of twenty (20) years from the date of the initial delivery of any water by the Water System to the Town, and, thereafter may be renewed or extended for such term, or terms, as may be agreed upon by the Town and Water System.

2. DELIVERY OF WATER. At least thirty (30) days prior to the estimated date on which the Water System will be able

to commence delivery of water to the Town, the Water System will notify the Town in writing as to the date for the initial delivery of water to the Town. The Town shall make payment of a sum contained in paragraph B.1., in addition to the amount for actual water used, if any, under paragraph B.2, immediately upon expiration of the thirty days notice provided herein, or at such time water is available to the Town, if after the said thirty days, first payment to be pro-rated on a per day basis over one month period, ending on the last day of the month in which water is available for the Town to use.

3. LIMITATIONS OF TOWN'S RIGHTS UNDER AGREEMENT.

Compliance by the Town with the provisions of this agreement shall entitle the Town to all of the privileges and benefits of a member of the Water System, thereby enabling the Town to be considered to be such a member, but all rights, privileges and benefits of the Town pursuant to this Agreement, or otherwise, shall be those set forth and limited by the rules, regulations, and by-laws of the Water System including the duties imposed on members by said by-laws, and shall be further limited to any restrictions which exist by virtue of any contract or other legal relationship, including any between the Water System and the United States Department of Agriculture, acting by and through the Farmers Home Administration, or by any Statutes, Ordinances or other governmental regulations, or by the provisions of the water

users agreement entered into by the Water System and its members (except that the provisions of such water users agreement which prevent the supplying of water to another user and which prevent the re-sale of water, as well as providing penalties for non-payment of water charges, shall not apply to the Town.

4. FAILURE TO DELIVER. That Water System will, at all times operate and maintain its system in an efficient manner and will take such action as may be necessary to furnish the Town with quantities of water required by the Town. Temporary or partial failures to deliver water shall be remedied with all reasonable dispatch.

5. MODIFICATION OF CONTRACT. This Contract cannot be modified in any way, except by a written document duly authorized and executed by the parties to this agreement and approved by the Farmers Home Administration.

6. REGULATORY AGENCIES. That this contract is subject to such rules, regulations, or laws as may be applicable to similar agreements in the State of South Dakota, and Town and Water System will collaborate in obtaining such permits, certificates, or the like as may be required therewith.

7. OBTAINING PROPERTY RIGHTS. The Town agrees to execute and deliver to the Water System any easements or other property rights within the authority of the Town to execute and deliver, if such are desirable to the construction of the

Water System, whether in connection with providing water to the Town or otherwise, and the Town further agrees to cooperate with and assist the Water System in obtaining easement or other property rights from other individuals.

8. MISCELLANEOUS. That the construction of the water supply distribution system by Water System is being financed by a loan from (or a loan insured by) the United States of America, acting through the Farmers Home Administration of the United States Department of Agriculture, and the provisions contained herein are conditioned upon the approval, in writing, of the State Director for South Dakota, of the Farmers Home Administration. Similarly, any modification of the provisions of this Contract, including any change in the schedule of rates to be charged by the contract, including any change in the schedule of rates to be charged by Water System for the delivery of water shall be conditioned upon the prior approval, in writing, of the State Director for South Dakota, of the Farmers Home Administration. Similarly, any modification of the provisions of this Contract, including any change in the schedule of rates to be charged by the Contract, including any change in the schedule of rates to be charged by Water System for the delivery of water shall be conditioned upon the prior approval, in writing, of the State

Director for South Dakota, of the Farmers Home Administration.

9. ASSIGNMENT OF INTEREST BY WATER SYSTEM. That the interest of the Water System under this Contract may be assigned to the United States of America, acting through the Farmers Home Administration of the Department of Agriculture, as collateral security for any loan made to finance construction, extension, repair or maintenance of the Water System's water supply system.

10. SUCCESSOR TO THE WATER SYSTEM. That in the event of any occurrence rendering the Water System incapable of performing under this Contract, any successor of the Water System, whether the result of legal process, assignment, or otherwise, shall succeed to the rights of the Water System hereunder.

IN WITNESS WHEREOF, The parties hereto, acting under authority of their respective governing bodies, have caused this contract to be duly executed in multiple counterparts, each of which shall constitute an original.

SOUTH LINCOLN RURAL WATER SYSTEM, INC.

By:

Arthur Lubard

Title:

Chairman

Date:

August 3, 1981

ATTEST:

Deborah Kennedy
Secretary.

TOWN OF CHANCELLOR, SOUTH DAKOTA

By: Myron D. Norman
Title: Chairman, Board of Trustees.
Date: June 12, 1981

ATTEST:

Leah Foreman
Town Clerk.

This contract is approved on behalf of the Farmers Home
Administration this 28 day of August, 1981.

Acting M. L. McLean
State Director of South Dakota.
Farmers Home Administration
U.S. Department of Agriculture.

APPENDIX NO. 4



Stockwell Engineers

1621 South Minnesota Avenue • Sioux Falls, South Dakota 57105
Telephone (605) 338-6668

July 11, 1985

Board of Directors
South Lincoln Rural Water System, Inc.
Box 155
Canton, South Dakota 57013

Re: Water Service
Lennox, South Dakota

Gentlemen:

On behalf of the City of Lennox, we are writing to outline design parameters for analysis of the rural water system's capability to provide water service to the City of Lennox as discussed in Mr. John Sievers' letter dated May 3, 1985. A brief analysis of the water needs for the City has been conducted to determine the capacity at which the City would request service. This determination has been made based on review of past population and water use and projected population and water consumption for a 20 year period (Year 2005). Service would be requested at the following level:

Water supply level - 300,000 gallons per day

Period of supply - Investigate 16 hr. and 20 hr. supply periods for the water supply level.

Population - Existing 1,827 (1985)
Future 2,100 (2005)

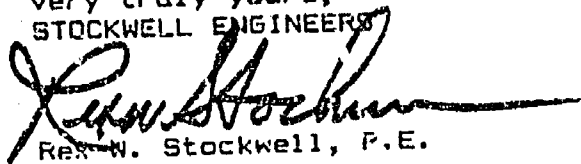
Please note the existing use results in a maximum day consumption of approximately 2.75 times average daily use. The current average daily use is approximately 150,000 gpd. The proposed level of service does not represent the maximum day consumption, but rather a level of service that would be expected to be exceeded in year 2005 approximately 12 days per year. During these extreme use days, the City would intend to supplement the supply from the rural water system as required from existing City wells resulting in a blend of the two sources of water supply.

Please, during the preparation of the study, have your engineer investigate the system improvements necessary for providing the 300,000 gallon service over periods of 16 and 20 hours. The City

of Lennox will consider these options once made known to determine the actual level of service it may wish to pursue.

If you have any questions, please feel free to contact us.

Very truly yours,
STOCKWELL ENGINEERS

A handwritten signature in dark ink, appearing to read "Rex W. Stockwell", written over the typed name.

Rex W. Stockwell, P.E.

cc: City of Lennox

APPENDIX NO. 5

 Department of
Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

WATER RIGHTS DIVISION
(605) 773-3352

April 12, 1985

David Holman
DeWild, Grant, Rechert & Associates
315 1st Avenue
Rock Rapids, Iowa 51246

RE: Water Permits No. 4300-3 and 4300-3A SLRW

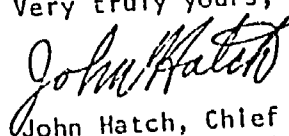
Dear Mr. Holman:

I am writing to follow up on our telephone conversation January 17, 1985 in regard to the above South Lincoln Rural Water (SLRW) Water Permits. After our conversation, I discussed the qualifications to Permits No. 4300-3 and 4300-3A with Dan Doyle, Assistant Attorney General. Enclosed is a copy of the existing qualifications.

The four year period will end December 5, 1985. Any references to the four year period will automatically end without any action by SLRW after December 5. See enclosed qualifications with overstrikes. After December 5, we will delete the expired qualifications and reissue the qualifications that are still in effect. An application with publication and a hearing before the Water Management Board will be necessary to change or remove any of the remaining qualifications.

I have reviewed the water level records in the SLRW area. After the initial cone of depression was established, additional pumping did not appear to have much effect on water levels in those observation wells located away from the production wells. For example: LN 79AR located 3 miles west of well No. 2 shows a total decline of 8.1 feet, LN 77B located between Wells No. 1 and 2 shows a decline of 8.5 feet and LN 79G located 3 miles south and 1 mile west of No.2 shows a decline of 3.0 feet.

Very truly yours,



John Hatch, Chief Engineer
Water Rights Division

JH:ms

Enc.

cc: John Sievers, Mgr.
SLRW

Equal Opportunity Employer

ATTACHMENT #2

ATTACHMENT ON WATER PERMIT NO. 4300-3
SOUTH LINCOLN RURAL WATER SYSTEM

The following supercedes the previous qualifications:

1. That the System be limited to an annual withdrawal of 455 acre-feet and that the total withdrawal be subject to review by the Board;

* ~~2. The System can be pumped with the two wells already completed, if annual withdrawal restrictions are limited to 304 acre feet until the 3rd well is developed and put on line (approved September 25, 1980 Findings of Fact, Conclusions of Law approved November 20, 1980); spacing between wells must be at least 2 1/2 miles;~~

3. That the rural water system wells approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The rural water system under this Permit shall control its withdrawals, to protect needed water supplies in adequate domestic wells or in wells having prior water rights;

~~Withdrawals will be restricted, if the aquifer head pressure declines 20 feet at designated measuring points during a four year period, beginning with the date the first water is pumped into distribution system. The head pressure decline to be determined by using an average of those of the seven proposed observation wells located at least two miles from one or more production wells. The lowest measurements, to be based upon an average of each observation well measurements taken over a three month period, will be used in determining head pressure decline;~~

~~4. If the aquifer head pressure does decline more than 20 feet in the four year period, or if observation well measurement data indicates the 20 foot head pressure decline level would be reached in the four year period, the rural water system upon order of the Board will have to change to a new source of water;~~

~~5. That no wells be located within 1,300 feet of existing Dakota Formation wells unless waived by the well owner;~~

~~6. That the Davis area well field be developed and therein be fully operational by November 1, 1982.~~

* Overstrikes represent qualifications to No. 4300-3 & 4300-3A that will automatically terminate after December 5, 1985 or that are no longer pertinent.

SOUTH LINCOLN RURAL WATER
-October 1981 thru June 1985-
Worthing Well #1 Readings

SOUTH LINCOLN
RURAL WATER SYSTEM

The month of:

WATER LEVEL DATA SHEET
WELL

Oct . 81

e	Pump			Flow GPM	Meter Reading Gals	~~Meter~~ Reading ft.	Obs. Well Reading ft.	Obs. Well Reading ft.	Remarks
	Running	Off	Total Hours						
					Well I	Well II			
	✓			305	188971	21310			
	✓			0	191866	22055			
	✓			0	193278	"			
	✓			0	194693	"			
	✓			0	196053	"			
	✓			0	197307	"			
	✓			300	200219	"			
	✓			0	201748	"			
0									
1									
2	✓			0	215231	23082	182	170	
3	✓			0	218045	"			
4	✓			305	220643	"			
5	✓			305	223495	"	182	173	
6	✓			0	225268	"			
7	✓			305	228364	"			
8	✓			305	231426	"			
9	✓			305	234608	"	170	174	Rotated Wells
10	✓✓			0/300	234644	24972			
11	✓			0	"	86825	165	186	
12	✓			0/300	"	88788			
13	✓✓			0/300	"	91087	164	187	
14									
15									
16	✓✓			0/300	234644	98595	163	186	
17	✓			0	"	100912			
18	✓			0	"	103731	163	187	
19	✓✓			0/300	"	106024			
20	✓			0	"	108541	162	174	
21	✓✓			0/300	"	110478			

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of:

Nov. 1981

e	Pump			Flow GPM	Meter Reading Gals Well I	Meter Reading Gals Well II	Obs. Well Reading ft. No. 1	Obs. Well Reading ft. No. 2	Remarks
	Running	Off	Total Hours						
✓				300	234644	112812		185	
✓				300	"	115052	163	185	
✓				300	"	117002		175	# II well off
✓				0	"	119112	162	186	
✓				300	"	121078	162	186	
✓				300	"	123358			
✓				300	"	125086			
					"				
✓				300	"	128968	162	185	
✓				300	"	130844		175	# II well off
✓				0	"	133166	162	186	
✓				300	"	136729		186	
✓				300	"	140287	162	185	
✓				300	234932	145086		186	
✓				0	"	145122		186	
✓				300	"	147046	162	186	
✓				300	"	150461	162	185	
✓				300	"	152406	162	185	
✓				0	"	155349		185	
✓				300	"	157967	162	185	
					"				
✓				0	"	164379	161	173	# II well off
✓				300	"	167208		184	
✓				300	"	169410		184	
✓				300	"	172006		184	
✓				300	"	174512	163	185	
✓				300	"	177192		185	
✓				300	"	179708	162	185	
✓				300	"	182475			

SOUTH LINCOLN
RURAL WATER SYSTEM

The month of:

WATER LEVEL DATA SHEET
WELL

Dec. , 81

c	Pump			Flow GPM	Meter Reading Gals Well I	~~Meter~~ Reading ft. Well I	Obs. Well Reading ft. No. I	~~Obs. Well~~ Reading ft. No. II	Remarks
	Running	Off	Total Hours						
	✓			300	234932	185229			
	✓			0	"	181599	162	184	
	✓			0	"	170745			
	✓			0	"	193355	161	188	
	✓			0	"				
	✓			0	"	199564	162	185	
	✓			300	"	201567			
	✓			300	"	203575	162	185	
0	✓			300	234934	205223			
1	✓			300	"	207708	162	186	
2	✓			300	"	209419			
3	✓			0	"	211994			
4	✓			300	"	214694	162	186	
5	✓			300	234972	216215			
6	✓			300	"	218367	162	186	
7	✓			300	234975	220473			
8	✓			300	"	222638	162	186	
9	✓			0	"				
0	✓			0	"				
1	✓			300	"	230067	162	186	
2	✓			300	"	232738			
3	✓			300	"	235291	162	185	
4	✓			40	"	237744			
5	✓			300	"	240290	162	185	
6	✓			300	"	242788			
7	✓			50	"	245011			
8	✓			40	"	246990	161	173	
9	✓			320	"	249315			
0	✓			50	"	251431	162	174	
1	✓			320	"	253887			

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of:

Feb 82

e	Pump		Flow GPM	Meter Reading Gals	Well Reading ft.	Obs. Well Reading ft. No. <u>1</u>	Obs. Well Reading ft. No. <u>1</u>	Remarks
	Running	Off						
1						177	177	
2								
3						178	183	
4						177	174	
5						177	174	
6						164	187	
7						163	175	
8						163	175	
9						163	184	
10						162	196	
11								
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WATER LEVEL DATA SHEET
WELL

Grand _____, 52

e	Pump			Flow GPM	Meter Reading Gals	Well Reading ft..	Obs. Well Reading ft. No. <u>1</u>	Obs. Well Reading ft. No. <u>1</u>	Remarks
	Running	Off	Total Hours						
1							180	174	
2							178	174	
3							176	174	
4							177	174	
5							181	173	
6							181	173	
7							181	173	
8							165	176	
9							165	173	
10							168	173	
11							168	174	
12							182	174	
13							182	174	

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of:

APRIL 1982.

[illegible]

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of:

May 1982

Pump	Flow GPM	Meter Reading Gals	Well Reading ft.	Obs. Well Reading ft. No. <u>I</u>	Obs. Well Reading ft. No. _____	Remarks
Running Off Total Hours						
✓	0	405784		162'		
✓	0	405784				
✓	0	405784		163'		
✓	0	405784				
✓	300	407420		174		Bumbling in Well
✓	0	409727				
✓	300	412452		177'		
✓	0	415359				
✓	300	418771				
✓	300	421471		179'		
✓	300	424449				
✓	300	426877		177'		
✓	300	428985				
✓	300	431124		177'		Bumbling getting worse
✓	0	433632		177'		
✓	0	433632				
✓	0	433632		165'		
✓	0	433632				
✓	0	433632		164'		Adjusted Clayton V. Plainsco I & II
✓	0	433705				
✓	0	433705				
✓	0	433705		16.5'		
✓	0	433836				
✓	0	433917		16.5'		
✓	0	433917				
✓	0	433946		163'		
✓	0	434009				
✓	0	434009		163'		
✓	0	434009		163'		

SOUTH LINCOLN
RURAL WATER SYSTEM

WATER LEVEL DATA SHEET
WELL

The month of

June, 1982

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>1</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.				434009				
2.	✓		300	434653		180'		
3.	✓		300	439721				
4.	✓		0	441120		176'		
5.	✓		300	443683				
6.	✓		0	446372				
7.	✓		300	449055		180'		
8.	✓		0	451909				
9.	✓		300	454427		190'		
10.	✓		300	456793				
11.	✓		300	460192		180'		
12.								
13.								
14.	✓		0	469613		175'		
15.	✓		0	471897				
16.	✓		✓	471897		166		
17.	✓		✓	472342				
18.	✓		0	472365		166'		
19.	✓		✓	472365				
20.	✓		0	472365				
21.	✓		0	472365		166'		
22.	✓		0	472365				
23.	✓		0	472365				
24.	✓		0	472365				
25.	✓		0	472365				
26.								
27.								
28.	✓			472686		164'		
29.	✓		0	472686		166'		
30.								
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM

WATER LEVEL DATA SHEET
WELL

The month of

July 1982

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>I</u>	OBS. WELL READING FT. NO. _____	REMARKS
	PUMPING	TOTAL HOURS						
1.	0	1		472686				
2.	0	1		472687		164'		
3.	✓	0	300	475683				
4.	0	1	0	479350				
5.	✓	1	0	482960		164		
6.	✓	1	300	485950				
7.	✓	1	300	488185		177'		
8.	✓	1	300	492627				
9.	✓	1	0	492929		165'		
10.	✓	1		499589				
11.								
12.	✓	1		499636		177'		
13.	✓	1	0	499762		166'		
14.	✓	1	0	499801		166'		
15.								Pulled pump and
16.								checked well.
17.								3. lower volume.
18.								couplings.
19.								
20.								
21.								Pumped well to fill.
22.								Bad odor and color.
23.	✓	1	0	499931		166'		Well cleaned up
24.								well in on unit.
25.								
26.	✓	1	0	499921		164'		
27.	✓	1	300	502798				
28.	✓	1	300	505053		177'		
29.	✓	1	300	508390				
30.	✓	1	0	511798		173'		
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM

The month of:

WATER LEVEL DATA SHEET
WELL

Aug 1982

g	Pump			Flow GPM	Meter Reading Gals	Well Reading ft.	Obs. Well Reading ft. No. <u>I</u>	Obs. Well Reading ft. No. _____	Remarks
	Running	Off	Total Hours						
1	✓			300	515257				
2	✓			300	515369		175'		Running
3	✓			0	519927				
4	✓			300	519597		177'		Still Running
5	✓			0	523364				
6	✓			300	523457		178'		
7	✓			300	526539				
8	✓				527386				
9	✓			0	530759		191'		
10	✓			300	530757		177'		
11	✓			300	534276		185'		
12	✓			0	534324				
13	✓			0	537557		177'		
14	✓			0	537557				
15	✓			0	540988				
16	✓			✓	540987		166'		
17	✓			0	544236				
18	✓			0	544236		168'		
19	✓			0	544236				
20	✓			0	547387		180'		
21	✓			300	547452				
22	✓			300	551288				
23	✓			0	551312		169'		
24	✓			0	554838				
25	✓			0	554838		168'		
26	✓			✓	557621				
27	✓			0	557621		177'		
28	✓			0	560116				
29	✓			0	562629				
30	✓			300	562660		169'		
31	✓			0	564822				

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Sept, 1982

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>I</u>	OBS. WELL READING FT. NO. _____	REMARKS
	PUMPING	TOTAL HOURS						
1.	✓		300	564922		174		
2.	✓		0	565373				
3.	✓		300	567372		174		
4.	✓		0	569917				
5.	✓		0	569917				
6.	✓		0	570045				
7.	✓		300	572367		174		
8.	✓		0	573976		169		
9.	✓		300	574110				
10.	✓		300	577054		176		
11.	✓		300	577613				
12.	✓		0	580377				
13.	✓		0	580377		176		
14.	✓		0	582947				
15.	✓		0	583345		176		
16.	✓		0	585662				
17.	✓		0	586548		180		
18.	✓		0	588848				
19.	✓		0	588848				
20.	✓		0	590923				
21.	✓		0	593707		184		
22.	✓		0	593752		176		
23.	✓		0	593752				
24.	✓		0	596270		185		
25.	✓		0	596270				
26.	✓		0	599068				
27.	✓		0	599068		170		
28.	✓		300	601623				
29.	✓		0	601708		174		
30.	✓		0	604302				
31.								

Oct 1. Reading

605185

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Oct . 8²-

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>I</u>	OBS. WELL READING FT. NO. _____	REMARKS
	STARTING	TOTAL HOURS						
1.	✓		300	605185		184		
2.	✓		0	605289				
3.	✓		0	607780		170		
4.	✓		0	607780				
5.	✓		0	610649		184		
6.	✓		0	618992				
7.	✓		0	613166				
8.	✓		0	613166				
9.	✓		0	615166				
10.	✓		0	615411				Result is used
11.	✓		300	615452		167		
12.	✓		0	617199		166		
13.	✓		0	617199				
14.	✓		0	619626		170		
15.	✓		0	619626				
16.	✓		0	621840				
17.	✓		0	621940		168		5.21 MG. T.
18.	✓		0	624125				
19.	✓		0	624125		169		
20.	✓		0	634951				
21.	✓		300	626567		170		
22.	✓		0	629702				
23.	✓		0	629734				
24.	✓		0	632735		166		
25.	✓		0	633298				
26.	✓		0	635169		184		
27.	✓		100	637754		169		
28.	✓		0	637775				
29.	✓		0	639764				
30.	✓		0	639764				
31.	✓		0	641366				

SOUTH LINCOLN
RURAL WATER SYSTEM

WATER LEVEL DATA SHEET
WELL

The month of

Nov, 82

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>I</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.			0	644521		166'		
2.			0	644521				
3.			0	644521		167'		
4.			0	646873				
5.			0	651607		175'		
6.			0	649345				
7.			0	649345				
8.			0	651625		170'		
9.			0	651625				
10.			0	653719		168'		
11.			0	653719				
12.			300	655875		165'		
13.			0	655877				
14.			0	658302				
15.			0	658302		175'		
16.			0	660788				
17.			0	660788		176'		
18.			0	662811				
19.			300	662858				
20.			0	665866				
21.			300	665871				
22.			0	667346		176'		
23.			0	667340				
24.			0	669608		167'		
25.			300	669942				
26.			0	672692		175'		
27.			0	673086				
28.			0	673429				
29.			0	675850		168'		
30.			300	675855				
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Dec, 82

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>I</u>	OBS. WELL READING FT. NO. _____	REMARKS
	PUMPING	TOTAL HOURS						
1.	✓			677953		167		
2.	✓			677953				
3.	✓			680211				
4.	✓			680211				
5.	✓			682778				
6.	✓			682798		167		
7.	✓			684635				
8.	✓			684635		166		
9.	✓			686603				
10.	✓			686603		166		
11.	✓			688678				
12.	✓			688678				
13.	✓		0	690912		167		
14.	✓		0	693433				
15.	✓		0	693433		166		
16.	✓		0	693433				
17.	✓		0	696745				
18.	✓		0	696132				
19.	✓		0	697133				
20.	✓		0	699133		167		
21.	✓		0	701524		167		
22.	✓		0	701524				
23.	✓		300	704199				
24.	✓		300	704248				
25.	✓		0	706666				
26.	✓		0	706666		166		
27.	✓		0	708916				
28.	✓		0	708916				
29.	✓		0	711161		167		
30.	✓		0	711161				
31.	✓		0	711161				

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

June, 8.3

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>I</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	✓		300	713572		17.4		
2.	✓		0	713678				
3.	✓		0	716092		16.7		
4.	✓		0	718925				
5.	✓		0	718935		16.7		
6.	✓		300	721494				
7.	✓		0	721486		16.6		
8.	✓		0	723651				
9.	✓		0	723651		16.7		
10.	✓		0	726223				
11.	✓		300	726226				
12.	✓		300	728949		17.6		
13.	✓		300	731296				
14.	✓		0	731334		16.6		
15.	✓		0	734189				
16.	✓		0	734190				
17.	✓		300	736354		17.4		
18.	✓		0	736364		16.6		
19.	✓		0	738604				
20.	✓		0	738690		17.4		
21.	✓		300	740882				
22.	✓		0	743153				
23.	✓		0	745796		16.6		
24.	✓		0	748060				
25.	✓		0	750278		16.6		
26.	✓		0	750278				
27.	✓		0	750278		16.5		
28.	✓		0	750302				
29.	✓		300	754792				
30.	✓		300	757089		17.5		
31.	✓		300					

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Feb, 1983.

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>I</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	☒		300	759451				
2.	☒		0	759625		166		
3.	☒		0	759625				
4.	☒		0	759625		167		
5.	☒		0	759625				
6.	☒			759625		163		
7.	☒			759625				
8.	☒		0	759629		166		
9.	☒		0	759748				
10.	☒		0	762079		177		
11.	☒		300	764354				
12.	☒		300	766808				
13.	☒		0	766838		166		
14.	☒		0	766838				
15.	☒		0	766838		174		
16.	☒		300	768837				
17.	☒		300	77042		164		
18.	☒		0	773357				
19.	☒		0	774555				
20.	☒		300	77783		174		
21.	☒		0	779822				
22.	☒		300	782481		172		
23.	☒		0	784279				
24.	☒		0	786968		172		
25.	☒		0	789520				
26.	☒		0	791730				
27.	☒		300	794276		174		
28.	☒		300	796823				
29.								
30.								
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Mar, 1983

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>I</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.			0	797861		166		
2.			0	797861				
3.			0	797861		165		
4.			0	797861				
5.			0	797861				
6.			0	797861		166		
7.			0	797861				
8.			300	800131		177		
9.			300	803223				
10.			300	806742		166		
11.			0	810099				
12.								
13.						178		
14.				820130				
15.				820212		166		
16.				820212				
17.				820213		166		
18.				820213				
19.				820212				
20.				820213		166		
21.				820213				
22.			300	823006		177		
23.			300	825877				
24.			300	828729		166		
25.			0	831480				
26.			0	834024				
27.			300	837286		177		
28.			300	839846				
29.			300	842749		177		
30.			300	845504				
31.			300	848408				

SOUTH LINCOLN
RURAL WATER SYSTEM

WATER LEVEL DATA SHEET
WELL

The month of

April, 83

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>I</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
2.	✓		300	851235		177		
2.	✓							
3.	✓							
4.	✓		300	854025		177		
5.	✓		0	857217				
6.	✓		300	860355		177		
7.	✓		0	860392				
8.	✓		300	863280		177		
9.	✓		300	866351				
10.	✓		0	866374				
11.	✓		300	869640		177		
12.	✓		0	869708				
13.	✓		300	872317		177		
14.	✓		300	875053				
15.	✓		0	875098		166		
16.	✓		0	875090				
17.	✓		0	875078				
18.	✓		0	875098		164		
19.	✓		300	878081				
20.	✓		300	881021		176		
21.	✓		300	884114				
22.	✓		300	887185		180		4 day pumping
23.	✓		0	887273				
24.	✓		0	887508				
25.	✓		0	887508		166		
26.	✓		300	890245				
27.	✓		0	893589		174		
28.	✓		300	896780				
29.	✓		300	899447		179		
30.	✓		0	902861				
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM

WATER LEVEL DATA SHEET
WELL I

The month of

May, 1983

DATE	PUMP		FLOW GPH	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.				906167				
2.	✓		300	908663	178			
3.	✓		0	909785				
4.	✓		0	909785	166			
5.	✓		0	909785				
6.	✓		0	909785	166			
7.	✓		0	909785				
8.	✓		0	913022				
9.	✓		300	915906	177			
10.	✓		0	915947				
11.	✓		0	915947	166			
12.	✓		0	915947				
13.	✓		300	918665	177			
14.	✓		300	922578				
15.	✓		0	922578				
16.	✓		300	928474	177			
17.	✓		300	931836				
18.	✓		300	934613	178			
19.	✓		0	937661				
20.	✓		300	940779	182			
21.	✓		300	943631				
22.	✓		000	947280				
23.	✓		300	950523	191			
24.	✓		0	950564	170			
25.	✓		0	950564	177			
26.	✓		0	950564				
27.	✓		300	951957	187			
28.	✓		0	952561				
29.	✓		0	952820				
30.	✓		0	952822				
31.	✓		0	953179				

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL I

The month of

June, 1983

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DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	✓		0	953179	166			
2.	✓		0	953179				
3.	✓		0	953179	166			
4.	✓		0	954079				
5.	✓		0	954470	166			
6.	✓		300	959232				
7.	✓		300	961810	180			
8.	✓		300	965665				
9.	✓		300	969284	172			
10.	✓		300	972975				
11.	✓		0	976565				
12.	✓		0	976565				
13.	✓		0	979904	174			
14.	✓		300	982640				
15.	✓		300	985617	180			
16.	✓		300	989086				
17.	✓		300	992331	181			
18.	✓		0	994660				
19.	✓		300	997516				
20.	✓		0	000089	180			
21.	✓		300	002937				
22.	✓		300	006285	181			
23.	✓		300	009579				
24.	✓		300	013021	181			
25.	✓		0	013302				
26.	✓		0	013302				
27.	✓		0	013302	168			
28.	✓		0	013302				
29.	✓		0	013302	168			
30.	✓		0	013302				
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM

WATER LEVEL DATA SHEET
WELL

The month of

July , 8-3.

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>I</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	✓		0	013302	166'			
2.	✓		0	013302				
3.	✓		0	013302				
4.	✓		0	013302	166'			
5.	✓		0	013302				
6.	✓		0	015951	172			
7.	✓		0	015951				
8.	✓		0	015951	166			
9.	✓		0	016092				
10.	✓		0	016794				
11.	✓		0	017121	166			
12.	✓		0	017501				
13.	✓		0	018114	166			
14.	✓		0	018416				
15.	✓		0	019224	166			
16.	✓		0	019340				
17.	✓		300	022639	173			
18.	✓		0	024553				
19.	✓		0	026699				
20.	✓		300	030495	173			
21.	✓		300	033953				
22.	✓		300	037602	172			
23.	✓		300	041101				
24.	✓		0	043680				
25.	✓		300	047895	172			
26.	✓		300	051397				
27.	✓		0	054506	166			
28.	✓		300	057765				
29.	✓		0	060899	166			
30.	✓		300	064139				
31.	✓		0	076896				

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

July, 1993

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.			0	670996	166			
2.			0	073661				
3.			0	074125				
4.			0	074758				
5.			0	075145	165			
6.			0	075533				
7.			0	076005				
8.			0	076259	175			
9.			210	079875				
10.			300	083682	180			
11.			0	084683				
12.			300	091731	180			
13.			300	094631				
14.			0	098347				
15.			300	101857	182			
16.			0	105725				
17.			0	109812	177			
18.			300	113296				
19.				117167	172			
20.			0	120967				
21.			300	124749				
22.			300	128521	172			
23.			0	129723				
24.			0	129723	171			
25.			0	131621				
26.			0	131621	169			
27.			0	131917				
28.			0	132346				
29.			0	134565	167			
30.			0	133275				
31.			0	133275	167			

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Sept. 83

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>I</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	OFF						
1.			0	133 275			178	
2.	✓		300	136 787				
3.	✓		300	140 483				
4.			300	143 779				
5.			300	146 568			178	
6.	✓		300	149 846			178	
7.	✓		300	153 836				
8.	✓		0	156 128			176	
9.	✓		0	159 574				
10.	✓		0	163 025				
11.	✓		0	166 922			174	
12.	✓		0	170 218				
13.	✓		300	173 230			171	
14.	✓		0	173 261				
15.	✓		0	173 261			169	
16.	✓		0	173 261				
17.	✓		0	173 261				
18.	✓		0	173 494			163	
19.	✓		0	173 494				
20.	✓		0	176 141			177	
21.	✓		300	178 976				
22.	✓		300	181 740			178	
23.	✓		300	184 482				
24.	✓		0	187 191				
25.	✓		0	190 615			178	
26.	✓		300	193 751				
27.	✓		0	197 331			170	
28.	✓		0	197 331				
29.	✓		0	197 331			168	
30.	✓		0	197 331				
31.	✓		0	197 331				

SOUTH LINCOLN
RURAL WATER SYSTEM

The month of

WATER LEVEL DATA SHEET
WELL

Oct, 1983

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>K</u>	OBS. WELL READING FT. NO. _____	REMARKS
	PUMPING	TOTAL HOURS						
1.	✓		0	197331				
2.			0	197331				
3.	✓		0	197331	168'			
4.	✓		0	197331				
5.	✓		0	197331	168'			
6.	✓		0	197331				
7.	✓		0	197331				
8.	✓		0	200108	172'			
9.	✓		0	203276				
10.	✓		0	206413	174'			
11.	✓		300	209283				
12.	✓		0	212119	178'			
13.	✓		0	214679				
14.	✓		0	216982	175'			
15.	✓		0	219641				
16.	✓		0	222445				
17.	✓		300	225744	181'			
18.	✓		0	228217				
19.	✓		0	228217	169'			
20.	✓		0	228217				
21.	✓		0	228591	168'			
22.	✓		0	228591				
23.	✓		0	228591				
24.	✓		0	228591	167'			
25.	✓		0	228591				
26.	✓		0	228591	165'			
27.	✓		0	228591				
28.	✓		0	231599	170'			
29.	✓		0	234150				
30.	✓		280	237366				
31.	✓		285	239826	178'			

SOUTH LINCOLN
RURAL WATER SYSTEM

The month of

WATER LEVEL DATA SHEET
WELL

1702, 1983

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>I</u>	OBS. WELL READING FT. NO. _____	REMARKS
	BURNING	TOTAL HOURS						
1.	✓		280	242606				
2.	✓		280	245385		~~240~~ 180		
3.	✓		280	247288				
4.	✓		280	250394		180		
5.	✓		280	253125				
6.	✓		280	255794				
7.	✓		280	258497		181		
8.	✓		0	258751				
9.	✓		0	258751		168		
10.	✓		0	258751				
11.	✓		0	258751		168		
12.	✓		0	258751				
13.	✓		0	258751				
14.	✓		0	258751				
15.	✓		0	260554		168		
16.	✓		0	260791		170		
17.	✓		0	260872				
18.	✓		0	260885				
19.	✓		300	263714				
20.	✓		300	266451				
21.	✓		300	268824				
22.	✓		0	271526				
23.	✓		300	274038				
24.	✓		300	276517				
25.	✓		300	279448				
26.	✓		0	282169				
27.	✓		0	285051				
28.	✓		300	287562		178		
29.	✓		300	290623				
30.	✓		0	293270		177		
31.								

Dec off 0 293278

SOUTH LINCOLN
RURAL WATER SYSTEM

WATER LEVEL DATA SHEET
WELL

The month of

Dec, 1983

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>I</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	☒		0	293278				
2.	☒		0	293278				
3.	☒		0	293278				
4.	☒		0	293385				
5.	☒		0	293386	~~166~~	166		
6.	☒		0	293386				
7.	☒		0	293386			166	
8.	☒		0	293386				
9.	☒		0	293386			166	
10.	☒		0	293386				
11.	☒		0	293386				
12.	☒		300	293394			174	
13.	☒		0	296239				
14.	☒		0	297582			170	
15.	☒		300	300691				
16.	☒		300	303737				
17.	☒		0	306244				
18.	☒		300	309081				
19.	☒		300	311980				
20.	☒		0	314192				
21.	☒		300	316298				
22.	☒		300	318839				
23.	☒		0	318881				
24.	☒		0	318881				
25.	☒		0	318881				
26.	☒		0					
27.	☒		0	319132				
28.	☒		0	319132			166	
29.	☒		300	319218				
30.	☒		300	321417				
31.	☒		0	320113				

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Jan .84

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>I</u>	OBS. WELL READING FT. NO. _____	REMARKS
	ENGINE	TOTAL HOURS						
1.		0	0	327747				
2.		0	0	330569				
3.			300	333429				
4.			300	335925				
5.			300	338423				
6.		0	0	340796				
7.			0	343066				
8.			300	345997				
9.			300	348386				
10.			0	348409				
11.			0	348409				
12.			0	348409				
13.			0	348409				
14.			0	348409				
15.			0	348409				
16.			0	348409		164		
17.			0	348409				
18.			0	348409				
19.			0	348409				
20.			0	350650				
21.			0	353007		166		
22.			0	355820				
23.			300	358465				
24.			0	361133				
25.			300	364144				
26.			300	367041				
27.			0	368769				
28.			0	369166				
29.			0	369166				
30.			0	369166				
31.			300	371644				

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Feb, 1984

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	✓		300	375006				
2.	✓		300	377561				
3.	✓		300	379900				
4.	✓		300	382366				
5.	✓		0	384550				
6.	✓		300	387077				
7.	✓		0	389796				
8.	✓		0	392480				
9.	✓		300	394872				
10.	✓		300	397283				
11.	✓		0	397377				
12.	✓		0	397377				
13.	✓		0	397377				
14.	✓		0	397377				
15.	✓		0	397377				
16.	✓		0	397377				
17.	✓		0	397377				
18.	✓		0	397377				
19.	✓		0	397377				
20.	✓		0	397377				
21.	✓		0	397377				
22.	✓		300	397385				
23.	✓		300	401236				
24.	✓		0	402963				
25.	✓		0	405210				
26.	✓		390	408077		177		
27.	✓		300	410438				
28.	✓		0	413134		170		
29.	✓		0	415477				
30.								
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Mar, 84

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>I</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	✓		0	415508		170'		
2.	✓		0	415508		166'		
3.	✓		0	415508				
4.	✓		0	415508				
5.	✓		0	415508		166'		
6.	✓		0	415508				
7.	✓		0	415508				
8.	✓		0	415508		166'		
9.	✓		0	415508				
10.	✓		0	415511		166'		
11.	✓		0	415511				
12.	✓		0	415511		166'		
13.	✓		0	415511				
14.	✓		0	415511		170		
15.	✓		300	418187				
16.	✓		300	420155				
17.	✓		300	423542				
18.	✓		300	426631				
19.	✓		300	428721		175'		
20.	✓		300	431478		177		
21.	✓		300	434077				
22.	✓		280	437061				
23.	✓		280	439333		176'		
24.	✓		280	442062				
25.	✓		280	444845				
26.	✓		0	447239		170		
27.	✓		0	449848				
28.	✓		0	453364		175'		
29.	✓		0	455313				
30.	✓	300		458006				
31.	✓	0		460396				

SOUTH LINCOLN
RURAL WATER SYSTEM

The month of

WATER LEVEL DATA SHEET
WELL

April, 84

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>I</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	✓		280	463702				
2.	✓		280	464964				
3.	✓		0	466342				
4.	✓		0	466342				
5.	✓		0	466342				
6.	✓		0	466342		165		
7.	✓		0	466342				
8.	✓		0	466342				
9.	✓		0	466342		164		
10.	✓		0	466342				
11.	✓		0	466342		164		
12.	✓		0	466342		164		
13.	✓		0	466342				
14.	✓		0	466342				
15.	✓		280	467954		166		
16.	✓		270	468000		165		
17.	✓		0	468000				
18.	✓		0	468021		162		
19.	✓		0	468021				
20.	✓		0	468021		162		
21.	✓		0	468021				
22.	✓		0	468021				
23.	✓		0	468021		162		
24.	✓		0	468293				
25.	✓		0	468293		165		
26.	✓		0	468293				
27.	✓		300	4701570				
28.	✓		0	473675		166		
29.	✓		300	475415				
30.								
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

May, 1984

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>I</u>	OBS. WELL READING FT. NO. _____	REMARKS
	SUPPLYING	TOTAL HOOPS						
1.			0	479329		166		
2.	✓		3100	480922		168		
3.	✓		0	481662		0		
4.	✓		0	481662		168		
5.	✓		0	481662				
6.	✓		0	481662				
7.	✓		0	481662	487185	164		
8.	✓		0	483185		164		
9.	✓		0	483185				
10.	✓		300	484545		168		
11.	✓		300	486385				
12.	✓		300	487200				
13.	✓		300	489976				
14.	✓		300	492615		174		
15.	✓		300	495349		176		
16.	✓		300	497938				
17.	✓		0	498477		177		
18.	✓		0	498708				
19.	✓		0	500708				
20.	✓		0	500708		171		
21.	✓		300	501549				
22.	✓		300	504873		174		
23.	✓		300	507605				
24.	✓		0	510965		177		
25.	✓		300	514776				Pressure
26.	✓		300	516702				Water being
27.	✓		300	519783		170		
28.	✓		0	521666				No Monitoring
29.	✓		300	524287		174		✓
30.	✓		300	526855				
31.	✓		0	526936				

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

June, 1984

DATE	PUMP		FLOW GPH	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>I</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	✓		300	538179		173		
2.	✓		380	538771				
3.	✓		380	533728		174		
4.	✓		280	536374				
5.	✓		280	537407		171		
6.	✓		0	537595				
7.	✓		0	537595		* 165		
8.	✓		0	537595				
9.	✓		0	537593				
10.	✓		0	538483		164		
11.	✓		0	538483				
12.	✓		0	538483		164		
13.	✓		0	538483				
14.	✓		0	538483		163		
15.	✓		0	538483				
16.	✓		0	538483				
17.	✓		0	538483		162		
18.	✓		0	538483				
19.	✓		0	543376		172		
20.	✓		300	545622				
21.	✓		0	547248		172		
22.	✓		0	550251			S	
23.	✓		300	552903		0	S	None
24.	✓		300	555453		176		
25.	✓		300	555467				
26.	✓		0	555467		170		
27.	✓		0	555467			T	SUB
28.	✓		0	555467		164		
29.	✓		0	555467				
30.	✓		0	555826				
31.								

July 1, 1984. 555493

SOUTH LINCOLN
RURAL WATER SYSTEM

WATER LEVEL DATA SHEET
WELL

The month of

July, 1984

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	STARTING	TOTAL HOURS						
1.		X	0	555993				SVB
2.		X	0	555993	164			
3.	X		280	559199				
4.	X		280	562237	172			
5.		X	275	564985				
6.	X		285	568009	178			
7.		X	0	570505				
8.		X	0	573174				
9.		X	0	575862	175			
10.		X	0	575862				
11.		X	0	575862	175			
12.		X	0	575862				
13.		X	0	576046	165			
14.			0	576212				
15.		X	0	576477				
16.		X	0	576661	167			
17.	✓		280	579390	178			
18.	✓		280	582129	178			
19.	✓		285	584946				
20.	✓		285	587736	173			
21.	✓	✓	285	590734		Saturday		
22.		✓		593670		Sunday		
23.		✓		596892	174			
24.		✓		597545				
25.		✓		597693	174			
26.		✓		597693				
27.		✓		597693	165			
28.		✓		597693				
29.		✓		598241				
30.	✓	✓		598241				
31.	✓		300	601164				

604240

1

SOUTH LINCOLN
RURAL WATER SYSTEM

WATER LEVEL DATA SHEET
WELL

The month of

August, 1984

DATE	PUMP		FLOW GPH	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	X		285	606974				
2.	X		290	604940	175			
3.	X		292	606974	179	610650		
4.	X		290	614251	NO READING TAKEN			
5.	X		290	617595	1			
6.	X			620347				
7.	X			620894				
8.	X			620894				
9.	X			620894	175			
10.	X			621173				
11.	X			621824		Saturday		
12.	X			622305		Sunday		
13.	X			623086	166			
14.	X			623475				
15.	X			624569	166			
16.	X			624745				
17.	X			624745	165			
18.	X			624745	NO READING			
19.	X			625469	NO READING			
20.	X			625701	167			
21.	X			628137				
22.	X			630983	165			
23.	X		270	638440	169			
24.	X		270	637008	170			
25.	X			639113				
26.	X		285	641645				
27.	X			645279	173			
28.	X			646089				
29.	X			646125	167			
30.	X			647515				
31.	X		285	649745				
				650710				

SOUTH LINCOLN
RURAL WATER SYSTEM

WATER LEVEL DATA SHEET
WELL

The month of

September, 1984

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	X		290	652719				
2.	X			655557				
3.	X		285	658440	175			
4.	X			661863				
5.	X		290	664747	179			
6.	X		285	667681				
7.	X		280	670999	178			
8.	X			672030	175			SAT
9.	X			672401	178			SUN
10.	X			672401	RAIL			RAIL
11.	X			672432	179			RAIL
12.	X			672432	179			RAIL
13.	X			672431	179			RAIL
14.	X			672443	179			RAIL
15.	X			675000				
16.	X			678730				
17.	X		285	680674				SUN
18.	X			681356	179			RAIL
19.	X			681561	177			RAIL
20.	X			681734	179			RAIL
21.	X			682039	175			RAIL
22.	X			682039		simultly		
23.	X			682513				
24.	X			682543	165			
25.	X			685200				
26.	X			687667	175			
27.	X		270	690470				
28.	X		275	692495	175			
29.	X		275	695714		SAT		
30.	X		285	698215	178	SUN		
31.								

698584

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Oct, 1984

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	X		0	698534				IN
2.	X			698534				OUT
3.	X		0	699242	175			OUT
4.	X		0	699242	175			OUT
5.	X		0	699242	175			
6.	X		0					
7.								
8.					17			
9.	X		0	690538				
10.	X		285	701571				
11.	X		285	704127	175			
12.	X			706745				
13.	X			709402				
14.	X			711967				
15.	X			714206	173			
16.	X			714250	168			
17.	X			714250	168			
18.	X			714250				
19.	X			714345	165			
20.	X			714345	163			
21.	X			714345				
22.	X			714345				
23.	X			714345				
24.	X			714345				
25.	X			714345				
26.	X			714345				
27.	X			714453				
28.	X			717056				
29.	X			719675				
30.	X		280	722369				
31.	X		280	724568	173			

726539

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

November, 1984

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	ORS. WELL READING FT. NO. _____	ORS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	X		285	726539				808
2.	X		280	728944	173			808
3.	X		280	731370				808
4.	X		285	734018	1			808
5.	X		285	736910	175			808
6.		X		737494				808
7.		X		737494	165			808
8.		X		737803				808
9.		X		737803	165			808
10.		X		737803				808
11.		X		738080	165			808
12.								808
13.	X			738080				808
14.	X			740555				808
15.	X			743290	175			808
16.	X			744915	175			808
17.	X		287	748514				808
18.		X		751210				808
19.		X		754097	1712			808
20.		X		754098				808
21.		X		754098	160			808
22.		X		754312				808
23.		X		754483	164			808
24.		X						808
25.		X		754767				808
26.		X		754781	170			808
27.	X			757730				808
28.	X		270	760112				808
29.	X		280	763256				808
30.	X		285	766101				808
31.								808

808
808

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Dec, 84

DATE	PUMP		FLOW GPM.	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	PUMPING	TOTAL HOURS						
1.				769246				RAW
2.				773218				RAW
3.				773510				RAW
4.				773683				RAW
5.				773683				RAW
6.								RAW
7.				773754				RAW
8.				774185				RAW
9.				775041	165			RAW
10.				777833	165			RAW
11.	V		290	777833	165			RAW
12.	V		290	777833	165			RAW
13.	X		285	785481	180			RAW
14.	X			788012				RAW
15.				790683				RAW
16.	V		285	793287	172			RAW
17.				793287				RAW
18.					167			RAW
19.								RAW
20.								RAW
21.								RAW
22.				793608	165			RAW
23.				797506	165			RAW
24.				797506				RAW
25.	X		290	800975	172			RAW
26.	V			801508				RAW
27.	X		280	803974	172			RAW
28.	V		280	806112				RAW
29.	V			809751				RAW
30.	X			811438	171			RAW
31.	X							RAW

Well I

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Jan. 1985

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO.	OBS. WELL READING FT. NO.	REMARKS
	RUNNING	TOTAL HOURS						
1.							811451	
2.							811451	SV
3.							811451	
4.					1168		811451	SV
5.							811719	SV
6.							811719	SV
7.					175		814087	SV
8.							816425	SV
9.	X		285		178		818871	SV
10.	X						821102	SV
11.	X		285		185		823495	RAV
12.	X		285				827055	RAV
13.	X		246		183		828430	SV
14.	X						828457	RAV
15.					170		828457	RAV
16.							828457	RAV
17.					173		828457	RAV
18.					170		828457	RAV
19.							828457	R
20.							828557	RAV
21.			285		162		828571	RAV
22.							831940	SV
23.	X		285		173		833730	SV
24.	X				173		836651	RAV
25.	X		285		175		838977	RAV
26.							841059	SV
27.							844447	SV
28.	X		280		175		847125	SV
29.							847224	SV
30.					167		847224	SV
31.							847224	SV

847225

60 57

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL I

The month of

February, 1985

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	X		285		167		264700	847225 BY
2.	X		285		170			844872 RAN
3.	X		285					850444 RAN
4.	X							854834 RAN
5.	X		280					857561 SV
6.	X				170			870114 RAN
7.	X		280		170			870759 RAN
8.	X							875225 RAN
9.	X		280					877644 RAN
10.	X							870321 FL
11.	X				173			870972 SV
12.	X				169			873031 SV
13.	X							873051 SV
14.	X							873051 SV
15.	X				169			873061 SV
16.	X							873196 SV
17.	X				170			873313 SV
18.	X							873313 SV
19.	X		275		173			875883 SV
20.	X		290					877725 SV
21.	X		290		170			881564 SV
22.	X		290					884467 RAN
23.	X		290					887125 RAN
24.	X		290		174			887151 RAN
25.	X		290		174			887151 RAN
26.	X				170			887151 RAN
27.	X				168			887151 RAN
28.	X		0					890182 SV
29.								
30.								
31.								

Well I

SOUTH LINCOLN RURAL WATER SYSTEM

WATER LEVEL DATA SHEET WELL

The month of

March, 1985

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.					165			890142
2.								890142
3.								890142
4.	X				176			890142
5.	X		0					890142
6.	X		290		177			890142
7.	X		285					890142
8.	X		290		177			890142
9.	X		285					890142
10.		X	0					890142
11.		X	0		170			890142
12.		X	0		170			890142
13.		X	0		170			890142
14.		X	0		169			890142
15.		X	0		169			890142
16.		X	0		169			890142
17.		X	0		178			890142
18.		X	0		173			890142
19.	X		285		174			890142
20.	X		285					890142
21.	X		285					890142
22.	X		285					890142
23.	X		285					890142
24.	X		285		170			890142
25.		X			175			890142
26.		X			168			890142
27.		X						890142
28.		X						890142
29.		X						890142
30.		X						890142
31.		X						890142

WATER LEVEL DATA SHEET
WELL 1

April, 85

DATE	PUMP		FLOW GPH	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	X					164		931189
2.	X		300			167		934159
3.	X		275					937100
4.	X		0			166		937989
5.	X		0					937989
6.	X		0			167		937989
7.	X		0					938184
8.	X		0					939184
9.	X		290			168		939184
10.	X		280					941107
11.	X		280			166		941682
12.	X		280			167		949835
13.	X		290					952541
14.	X		0					955420
15.	X		280			127		958438
16.	X		0			164		959035
17.	X		0					959199
18.	X		0					960111
19.	X		0			162		961352
20.	X		0					961544
21.	X		0			163		962336
22.	X		0					962336
23.	X		290			175		964863
24.	X		300					967334
25.	X		280			176		970074
26.	X		280					972761
27.	X		280			175		975410
28.	X		290					978025
29.	X					165		978025
30.	X							981329
31.	X							

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL 164

The month of

May, 1985

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO.	OBS. WELL READING FT. NO.	REMARKS
	RUNNING	TOTAL HOURS						
1.						164	98 1197	
2.						165	98 1664	
3.						165	98 1856	
4.						162	98 1856	
5.							98 2336	
6.							98 2448	8V
7.	X		280			174	98 2448	3V
8.	X		380				98 2448	3V
9.	X		277			171	98 2448	3V
10.	X					165	98 2448	RAH
11.							98 2448	RAH
12.	X		280			175	98 2448	RAH
13.							98 2448	RAH
14.	X					175	98 2448	RAH
15.	X						98 2448	RAH
16.	X						98 2448	RAH
17.	X						98 2448	RAH
18.	X						98 2448	RAH
19.	X		280			170	98 2448	RAH
20.	X		280			173	98 2448	RAH
21.	X		280				98 2448	RAH
22.	X		0				98 2448	RAH
23.	X		280				98 2448	RAH
24.	X		280				98 2448	RAH
25.	X		280				98 2448	RAH
26.	X		280			170	98 2448	RAH
27.	X		280				98 2448	RAH
28.	X		0			170	98 2448	RAH
29.	X		0				98 2448	RAH
30.	X		0				98 2448	RAH
31.								

Top 2
 257700 156

SOUTH LINCOLN
 RURAL WATER SYSTEM
 WATER LEVEL DATA SHEET
 WELL

The month of
June, 1985

DATE	PUMP		FLOW GPH	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	READING	TOTAL HOURS						
1.						164.	024705.	
2.						166.	025623	
3.	X			280		170	025624	
4.	X			280		175	028687	
5.						175	031856	
6.	X			280		175	030532	
7.	X			280		175	035327	
8.	X			280			034900	
9.				0			045007	
10.				0		172	045299	
11.				0			045299	
12.				0		170	045299	
13.				0			045300	
14.				0		167	045300	
15.				1			046214	
16.				1			047381	
17.				1		176	048771	
18.	X			280			051415	
19.	X			280		178	054914	
20.				0			055991	
21.	X			280		178	057122	
22.	X					180	057517	
23.							058417	
24.	X			276		170	059076	
25.	X			270			061251	
26.				0		175	064509	
27.	X			275			065625	
28.	X			270		175	066291	
29.							070000	
30.								
31.								

077236

SOUTH LINCOLN RURAL WATER
-October 1981 thru June 1985-
Worthing Well #2 Readings

SOUTH LINCOLN
RURAL WATER SYSTEM

The month of:

WATER LEVEL DATA SHEET
WELL

Oct, 81

No.	Pump			Flow GPM	Meter Reading Gage	Meter Reading ft.	Obs. Well Reading ft.	Remarks
	Running	Off	Total Hours					
					Well I	Well II	No. I	No. II
	✓			305	188941	81310		
	✓			0	191866	82055		
	✓			0	193078	"		
	✓			0	194693	"		
	✓			0	196058	"		
	✓			0	197307	"		
	✓			300	200219	"		
	✓			0	201728	"		
0								
1								
2	✓			0	215231	83082	182	170
3	✓			0	228045	"		
4	✓			305	226643	"		
5	✓			305	223485	"	182	173
6	✓			0	225268	"		
7	✓			305	228364	"		
8	✓			305	231426	"		
9	✓			305	234688	"	170	174
10	✓✓		0/300		234644	84972		
11	✓			0	"	86825	165	186
12	✓		0/300		"	88788		
13	✓✓		0/300		"	91087	164	187
14								
15								
16	✓✓		0/300		234644	98575	163	186
17	✓			0	"	100912		
18	✓			0	"	103731	163	187
19	✓✓		0/300		"	106024		
20	✓			0	"	108547	162	174
21	✓✓		0/300		"	110476		

Rotated Wells

SOUTH LINCOLN
RURAL WATER SYSTEM

The month of:

WATER LEVEL DATA SHEET
WELL

NOV. 1981

e	Pump			Flow GPM	Meter Reading Gals. Well I	Meter Reading ft. Well II	Obs. Well Reading ft. No. I	Obs. Well Reading ft. No. II	Remarks
	Running	Off	Total Hours						
	✓			300	134644	112813			
	✓			300	"	115052	162	185	
	✓			300	"	117002			
	✓			0	"	119112	162	175	#II well off
	✓			300	"	121078			
	✓			300	"	123352	162	186	
	✓			300	"	125086			
					"				
	✓			300	"	128968	162	185	
	✓			300	"	130844			
	✓			0	"	133166	162	175	#II well off
	✓			300	"	136729			
	✓			300	"	140287	162	186	
	✓			300	234952	143086			
	✓			0	"	145122		186	
	✓			300	"	147046	162	186	
	✓			300	"	150461	162		
	✓			300	"	152406	162	185	
	✓			0	"	155347			
	✓			300	"	157967	162	185	
					"				
					"				
	✓			0	"	164379	161	173	#II well off
	✓			300	"	167228			
	✓			300	"	169416		184	
	✓			300	"	172006			
	✓			300	"	174512		184	
	✓			300	"	177142	163		
	✓			300	"	179718			
	✓			300	"	182435	162	185	
					"				

SOUTH LINCOLN
RURAL WATER SYSTEM

The month of:

WATER LEVEL DATA SHEET
WELL

Dec. , 81

e	Pump			Flow GPM	Meter Reading ft. Well I	Meter Reading ft. Well II	Obs. Well Reading ft. No. <u>II</u>	Remarks
	Running	Off	Total Hours					
	✓			300	185234		184	
	✓			0	187597			
	✓			0	190345		188	
	✓			0	193355			
	✓			0				
	✓			0				
	✓			0	199564		185	
	✓			300	201563			
	✓			300	203575		185	
0	✓			300	205373			
1	✓			300	207708		186	
2	✓			300	209419			
3	✓			0	211994			
4	✓			300	214094		186	
5	✓			300	216215		186	
6	✓			300	218369			
7	✓			300	220473		186	
8	✓			300	222638			
9	✓			0				
10	✓			0				
11	✓			300	230061		186	
12	✓			300	232738			
13	✓			300	235291		185	
14	✓			40	237744			
15	✓			300	240240		185	
16	✓			300	242188		185	
17	✓			50	245011			
18	✓			40	246990		173	
19	✓			320	249315			
20	✓			50	251431		174	
21	✓			320	253887			

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of:

Jan .82

e	Pump			Flow GPM	Meter Reading Gals	Well Reading ft.	Obs. Well Reading ft. No. <u>I</u>	Obs. Well Reading ft. No. <u>II</u>	Remarks
	Running	Off	Total Hours						
1									
2									
3									
4									
5									
6									
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8									
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10									
11									
12									
13									
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100									

170' 174'

177' 174'

WATER LEVEL DATA SHEET
WELL

Feb., 1922

e	Pump		Flow GPM	Meter Reading Gals	Well Reading ft.	Obs. Well	Remarks
	Running	Off				Reading ft. No. <u>I</u>	
Total Hours							
1					177	174	
2							
3					178	183	
4							
5					177	174	
6					177	174	
7							
8					167	187	
9						175	
10					163	175	
11							
12					163	175	
13							
14					163	184	
15							
16					162	175	
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SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of:

9 March 1952

e	Pump			Flow GPM	Meter Reading Gals	Well Reading ft..	Obs. Well Reading ft. No. <u>F</u>	Obs. Well Reading ft. No. <u>11</u>	Remarks
	Running	Off	Total Hours						
1							~~1780~~	174	
2							~~1778~~	174	
3							~~1776~~	174	
4							~~1774~~	174	
5							~~1772~~	174	
6							~~1770~~	174	
7							~~1768~~	174	
8							~~1766~~	174	
9							~~1764~~	174	
10							~~1762~~	174	
11							~~1760~~	174	
12							~~1758~~	174	
13							~~1756~~	174	
14							~~1754~~	174	
15							~~1752~~	174	
16							~~1750~~	174	
17							~~1748~~	174	
18							~~1746~~	174	
19							~~1744~~	174	
20							~~1742~~	174	
21							~~1740~~	174	
22							~~1738~~	174	
23							~~1736~~	174	
24							~~1734~~	174	
25							~~1732~~	174	
26							~~1730~~	174	
27							~~1728~~	174	
28							~~1726~~	174	
29							~~1724~~	174	
30							~~1722~~	174	
31							~~1720~~	174	
32							~~1718~~	174	
33							~~1716~~	174	
34							~~1714~~	174	
35							~~1712~~	174	
36							~~1710~~	174	
37							~~1708~~	174	
38							~~1706~~	174	
39							~~1704~~	174	
40							~~1702~~	174	
41							~~1700~~	174	
42							~~1698~~	174	
43							~~1696~~	174	
44							~~1694~~	174	
45							~~1692~~	174	
46							~~1690~~	174	
47							~~1688~~	174	
48							~~1686~~	174	
49							~~1684~~	174	
50							~~1682~~	174	

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of:

APRIL 1982.

[illegible]

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of:

May . 22

e	Pump			Flow GPM	Meter Reading Gals	Well Reading ft.	Obs. Well Reading ft. No. _____	Obs. Well Reading ft. No. <u>11</u>	Remarks
	Running	Off	Total Hours						
	✓			300	4033.58			188'	
	✓			300	4064.43				
	✓			300	4093.63			187'	
	✓			300	4115.11			177'	
	✓			0	4138.11				
	✓			0	4138.11			174'	
	✓			0	4138.11				
	✓			0	4138.11				
	✓			0	4138.11			174'	
	✓			0	4138.11			174'	
	✓			0	4138.11				
	✓			0	4138.11			175'	
	✓			0	4138.11				
	✓			0	4138.11			185'	
	✓			300	4178.95				
	✓			300	4204.30			194	
	✓			300	4228.81				
	✓			300	4253.10			186'	
	✓			300	4271.95				
	✓			0	4291.08				
	✓			300	4316.79			185'	
	✓			300	4338.15				
	✓			300	4360.60			176'	
	✓			0	4380.37				
	✓			✓	4399.92			186'	
	✓			300	4421.01				
	✓			300	4444.66				
	✓			0	4468.67			184'	
	✓			0	4486.05				

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

June, 1982

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>2</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	OFF						
1.	✓		300	456996				
2.	✓		0	451031		174'		
3.	✓		0	451031				
4.	✓		0	451031		173'		
5.	✓		0	451031				
6.	✓		0	451031		173'		
7.	✓		0	451031				
8.	✓		0	451031		173'		
9.	✓		0	451031		173'		
10.	✓		0	451031		173'		
11.	✓		0	451387				
12.	✓		0	451387				
13.	✓		0	451387				
14.	✓		300	451984		177'		
15.	✓		300	452468				
16.	✓		300	453422		187		
17.	✓		300	456447				
18.	✓		300	459368		188'		
19.								
20.								
21.	✓		300	467180		187		
22.	✓		300	469958				
23.	✓		110	475025		188		
24.	✓		300	476877				
25.	✓		300	479967		188		
26.	✓		300	483310				
27.	✓		300	486963				
28.	✓		300	490422		188		
29.	✓		300	494143				
30.	✓		0	497064		173'		
31.								

SOUTH LINCOLN
LOCAL WATER SYSTEM
WATER LEVEL DATA . . SET
WELL

The month of

July . 8th

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>II</u>	OBS. WELL READING FT. NO. _____	REMARKS
	PUMPING	TOTAL HOURS						
1.				4199566				
2.	✓	0		502191		186'		
3.	0	✓		502274				
4.		✓		502667				
5.		✓		502667		177		
6.		✓		502999				
7.		✓		502999		176		
8.		✓		502996				
9.		✓		504449		184		
10.	✓			506163				
11.								
12.	✓		300	506163		186'		
13.	✓		300	509371				
14.	✓		300	511999		189'		
15.	✓		300	514563				
16.	✓		300	517291		188'		
17.	✓		300	519990				
18.	✓		300	524060				
19.		✓	0	526395		177		
20.	✓		300	529362				
21.		✓	0	532549		186		
22.	✓		300	535265				
23.		✓	300	539215		188		
24.	✓		300	540692				
25.	✓		300	543390				
26.	✓		300	546420		187'		
27.	✓	0	300	546900				
28.		✓	0	547585		175		
29.		✓	0	547585				
30.	✓		300	547908		187'		
31.		✓	0	550789				

SOUTH LINCOLN
RURAL WATER SYSTEM

The month of:

WATER LEVEL DATA SHEET
WELL

Aug 1982

e	Pump			Flow GPM	Meter Reading Gals	Well Reading ft.	Obs. Well Reading ft. No. <u>II</u>	Obs. Well Reading ft. No. _____	Remarks
	Running	Off	Total Hours						
	0			0	551065				
	L			0	554406		176'		
	L			300	554666				
	✓			0	558276		187'		
	✓			300	559345		1		
	✓			0	561797		177'		
	✓				561796				
	L			300	565164				
	L			300	565202		183		
0	✓			0	568499				
1	L			0	568499		175		
2	✓			0	572118				
3	✓			0	572118		183		
4	L			300	575455				
5	L			0	575471				
6	L			0	578918		182		
7	L			0	578918				
8	L			300	582375		188		
9	L			0	585447				
0	L			300	585491		185		
1	L				588429				
2	✓				588429				
3	✓			0	591438		181		
4	L			300	591465				
5	L			300	594048		188		
6	✓			300	594122				
7	L			✓	596998		178		
8	L			✓	596998				
9	L			✓	596998				
10	L			✓	599487		180		
11	L			300	599513				

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Sept, 1982

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>77</u>	OBS. WELL READING FT. NO. _____	REMARKS
	PURSUING	TOTAL HOURS						
1.	✓		0	601959		178		
2.	✓		200	602002		189		
3.	✓		0	604409				
4.	✓		0	604408				
5.	✓		300	607253				
6.	✓		0	607867				
7.	✓		0	610082		189		
8.	✓		0	610092		175		
9.	✓		0	612563		178		
10.	✓		300	612569				
11.	✓		0	615458				
12.	✓		0			182		
13.	✓		0	617393				
14.	✓		0	617385		182		
15.	✓		0	619026				
16.	✓		0	619090		175		
17.	✓		0	620024				
18.	✓		0	620172				
19.	✓		0	623763				
20.	✓		0	623763		175		
21.	✓		300	623777		175		
22.	✓		300	626056				
23.	✓		0	628609		185		
24.	✓		300	628655				
25.	✓		0	630946				
26.	✓		0	630948		180		
27.	✓		300	633246				
28.	✓		0	633246		175		
29.	✓		✓	635545				
30.	✓		✓	635545				
31.								

Oct 1, 1982

636658

The month of

Oct. 1, 1922

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>II</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	✓		0	636658		175		
2.	✓		300	638750				
3.	✓		0	638765				
4.	✓		300	641152		196		
5.	✓		0	641176				
6.	✓		0	643145		184		
7.	✓		0	643145				
8.	✓		300	645329				
9.	✓		0	647638				
10.	✓		300	647664				
11.	✓		0	649843				
12.	✓		0	649843		175		
13.	✓		300	652230		184		
14.	✓		300	652230				
15.	✓		0	654544		176		
16.	✓		0	654544				
17.	✓		0	656960				
18.	✓		✓	656966		176		6.23 ACFT
19.	✓		0	659342				
20.	✓		0	659861		175		
21.	✓		0	650132				
22.	✓		0	650132		176		
23.	✓		0	662418				
24.	✓		0	665166		175		
25.	✓		0	666034				
26.	✓		0	666034		174		
27.	✓		0	669423				
28.	✓		0	669423		175		
29.	✓		0	671484				
30.	✓		0	671484				
31.	✓		0	671564				

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Nov, 82

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>11</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	✓		0	671564		175'		
2.	✓		0	673985		176'		
3.	✓		0	676145				
4.	✓		0	676145		185'		
5.	✓		0	678231				
6.	✓		0	678231				
7.	✓		0	680885		175'		
8.	✓		0	680885				
9.	✓		0	683195		176'		
10.	✓		0	683159				
11.	✓		0	685090				
12.	✓		0	687490				
13.	✓		0	687490		176'		
14.	✓		0	689556				
15.	✓		0	689556		175'		
16.	✓		0	691933				
17.	✓		300	681856				
18.	✓		0	693980				
19.	✓		0	696291				
20.	✓		0	696291				
21.	✓		300	696312		178'		
22.	✓		300	698727				
23.	✓		0	698805		174'		
24.	✓		0	701028				
25.	✓		300	702849		175'		
26.	✓		0	705286				
27.	✓		0	708005				
28.	✓		0	708005		174'		
29.	✓		0	710013				
30.	✓		0					
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM

WATER LEVEL DATA SHEET
WELL

The month of

Dec, 1982

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>II</u>	OBS. WELL READING FT. NO. _____	REMARKS
	PUMPING	TOTAL HOURS						
1.	✓		0	710523		195'		
2.	✓		0	712317				
3.	✓		0	712329				
4.	✓		0	714089				
5.	✓		0	714089				
6.	✓		0	716372		176		
7.	✓		0	716373				
8.	✓		0	718624		176		
9.	✓		0	718624				
10.	✓		0	720830		175		
11.	✓		0	720830				
12.	✓		0	723047				
13.	✓		0	723047		176		
14.	✓		0	723047				
15.	✓		300	725208		177		
16.	✓		0	727256				
17.	✓		0	728120				
18.	✓		0	724396				
19.	✓		0	727464				
20.	✓		300	731489		178		
21.	✓		0	731569				
22.	✓		0	733235		177		
23.	✓		300	733244				
24.	✓		0	735524				
25.	✓		0	735524				
26.	✓		0	737600				
27.	✓		0	737600		176		
28.	✓		0	7388				
29.	✓		0	742428		178		
30.	✓		300	742428				
31.	✓		0	744722				

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

June, 1983

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>II</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	✓		0	744828				
2.	✓		0	747136				
3.	✓		0	747136	176	176		
4.	✓		300	747147				
5.	✓		300	749092		187		
6.	✓		300	749129				
7.	✓		0	751654		186		
8.	✓		0	751670				
9.	✓		0	754452				
10.	✓		0	754452		176		
11.	✓		0	756902				
12.	✓		0	756902		176		
13.	✓		0	756902				
14.	✓		300	758695		186		
15.	✓		0	758694				
16.	✓		0	761013				
17.	✓		100	761023		185		
18.	✓		0	763352		185		
19.	✓		0	763352				
20.	✓		0	765300				
21.	✓		0	765300		176		
22.	✓		0	765300				
23.	✓		0	765300				
24.	✓		0	765300		177		
25.	✓		300	765397				
26.	✓		300	767815		183		
27.	✓		0	769851				
28.	✓		0	772037		176		
29.	✓		0	772213				
30.	✓		0	772225				
31.	✓		0	772215		176		

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Feb, 1983

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	REMAINING	TOTAL HOURS						
1.	✓		0	7722.15				
2.	✓		300	7742.85		186		
3.	✓		200	7767.81				
4.	✓		0	7778.7		177		
5.	✓		0	7809.44				
6.	✓		0	7836.9				
7.	✓		0	7858.86		180		
8.	✓		300	7881.55				
9.	✓		300	7903.71		181		
10.	✓		0	7902.92				
11.	✓		0	7902.92		177		
12.	✓		0	7902.92				
13.	✓		0	7925.54				
14.	✓		300	7947.63		186		
15.	✓		0	7972.11				
16.	✓		0	7972.11		175		
17.	✓		0	7972.11				
18.	✓		0	7972.11		175		
19.	✓		0	7991.40				
20.	✓		0	7981.96				
21.	✓		0	7991.10		175		
22.								
23.								
24.						177		
25.	✓		0	7991.50				
26.	✓		0	7997.37		174		
27.								
28.								
29.								
30.								
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Mar, 1993

DATE	PUMP		FLOW GPH	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>II</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	✓		0	800566				
2.	✓		300	803262		186		
3.	✓		0	806191				
4.	✓		0	809034		197		
5.	✓		300	811792				
6.	✓		0	815063				
7.	✓		300	819087		195		
8.	✓		0	819204				
9.	✓			819204		177		
10.	✓			819204				
11.	✓			819204		177		
12.	✓							
13.	✓							
14.	✓			819204		177		
15.	✓		300	825492		186		
16.	✓		300	828195				
17.	✓		300	830789		186		
18.	✓		0	833204				
19.	✓		300	835987				
20.	✓		300	837321				
21.	✓		300	839942		185		
22.	✓		0	839960				
23.	✓		0	839960		177		
24.	✓		0	839960				
25.	✓		0	839960		176		
26.	✓		0	839960				
27.	✓		0	839960		177		
28.	✓		0	839960				
29.	✓		0	839960		177		
30.	✓		0	839960				
31.	✓		0	839960				

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of April, 1983

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>II</u>	OBS. WELL READING FT. NO. _____	REMARKS
	ON	TOTAL HOURS						
1.	✓		0	838860		166		
2.	✓			841803				
3.	✓			844767		166		
4.	✓			844767				
5.	✓		0	844767		166		
6.	✓		0	844767				
7.	✓		300	847452		166		
8.	✓		0	847496				
9.	✓		0	847496				
10.	✓		0	850440		166		
11.	✓		0	850440				
12.	✓		300	853503		166		
13.	✓		0	853544				
14.	✓		0	853544		176		
15.	✓		300	856424				
16.	✓		300	859271				
17.	✓		300	862137		177		
18.	✓		300	865103				
19.	✓		0	865147		164		
20.	✓		0	865147				
21.	✓		300	868015		181		
22.	✓		300	871199				
23.	✓		300	874494		189		
24.	✓		0	874814				
25.	✓		0	874814		174		
26.	✓		0	875105				
27.	✓		0	875105		176		
28.	✓		0	875205				
29.	✓		0	875205				
30.	✓		0	875205				
31.	✓							

SOUTH LINCOLN
RURAL WATER SYSTEM

The month of

WATER LEVEL DATA SHEET
WELL

May, 1953

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>11</u>	OBS. WELL READING FT. NO. _____	REMARKS
	STARTING	TOTAL HOURS						
1.	✓		0	875 165				
2.	✓		0	875 165		174		
3.	✓	200	300	876 919				
4.	✓	1	0	877 979		168		
5.	✓	200	300	878 281				
6.	✓	200	300	878 741		175		
7.	✓	1	0	879 290				
8.	✓	1	0	879 290				
9.	✓	1	0	879 290		166		
10.	✓	1	300	879 226				
11.	✓	1	300	879 432		123		
12.	✓	1	300	879 742				
13.	✓	1	0	879 746		166		
14.	✓	1	0	879 746				
15.	✓	1	0	879 746				
16.	✓	1	0	879 757		166		
17.	✓	1	0	879 757				
18.	✓	1	0	879 757		166		
19.	✓	1	0	879 757				
20.	✓	1	0	879 757		174		
21.	✓	1	0	879 796		1		
22.	✓	1	0	879 796				
23.	✓	1	0	879 796		174		
24.	✓	1	300	880 624				
25.	✓	1	300	880 518		180		
26.	✓	1	0	880 730				
27.	✓	1	300	881 272		182		
28.	✓	1	300	881 387				
29.	✓	1	300	881 779				
30.	✓	1	0	882 283				
31.	✓	1	300	882 647				

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL II

The month of

June, 1983

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	OFF						
		TOTAL HOURS						
1.	✓		300	930233	188'			
2.	✓		300	933957				
3.	✓		300	937054	188'			
4.	✓		300	940905				
5.	✓		0	944200				
6.	✓		300	947297	177'			
7.	✓		0	948186				
8.	✓		0	949236	176'			
9.	✓		0	949405				
10.	✓		0	950282	176'			
11.	✓		0	950470				
12.	✓		0	950470				
13.	✓		0	950470	175'			
14.	✓		0	950470				
15.	✓		0	950470	175'			
16.	✓		0	950470				
17.	✓		0	950470	175'			
18.	✓		0	950470				
19.	✓		0	950470				
20.	✓		0	950470	175'			
21.	✓		0	950470				
22.	✓		0	950470	175'			
23.	✓		0	950470				
24.	✓		0	950470	175'			
25.	✓		0	953829				
26.	✓		300	957431				
27.	✓		0	960373	177'			
28.	✓		300	962744				
29.	✓		300	965506	186'			
30.	✓		300	967554				
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

July 19*83*

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>II</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	OFF						
1.	✓		300	971050	188'			
2.	✓		300	974093				
3.	✓		0	977372				
4.	✓		300	980470	188'			
5.	✓		300	983367				
6.	✓		0	984326	176			
7.	✓		0	987648				
8.	✓		0	991378	179			
9.	✓		300	994626				
10.	✓		300	998267				
11.	✓		300	000895	189			
12.	✓		300	005498				
13.	✓		300	009333	189			
14.	✓		0	013227				
15.	✓		300	016853	183			
16.	✓		0	020453				
17.	✓		300	024260	183			
18.	✓		0	024340				
19.	✓		0	024498				
20.	✓		0	024498	177			
21.	✓		0	024888				
22.	✓		0	025301	177			
23.	✓		0	025813				
24.	✓		0	025813				
25.	✓		0	025813	177			
26.	✓		0	025813				
27.	✓		0	025813	177			
28.	✓		0	025813				
29.	✓		0	025813	177			
30.	✓		0	025813				
31.	✓		0	025813				

SOUTH LINCOLN
RURAL WATER SYSTEM

WATER LEVEL DATA SHEET
WELL

The month of

Aug, 1983

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	STARTING	TOTAL HOURS						
1.	✓		0	025813	177			
2.	✓		0	036033				
3.	✓		0	029335				
4.	✓		300	032829				
5.	✓		300	032630	185			
6.	✓		300	040008				
7.	✓		300	043534				
8.	✓		300	047087	175			
9.	✓		300	047488				
10.	✓		0	047488	175			
11.	✓		0	047781				
12.	✓		0	047789	175			
13.	✓		0	048187				
14.	✓		0	048489				
15.	✓		0	048778	176			
16.	✓		0	049284				
17.	✓		0	049686	175			
18.	✓		0	050157				
19.	✓		0	050556	175			
20.	✓		0	050945				
21.	✓		0	051568				
22.	✓		0	051794	175			
23.	✓		0	054579				
24.	✓		300	057567	176			
25.	✓		0	059365				
26.	✓		300	062335	190			
27.	✓		0	065791				
28.	✓		0	069277				
29.	✓		0	072567	187			
30.	✓		0	076226				
31.	✓		300	079771	178			

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Sept, 1983

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>II</u>	OBS. WELL READING FT. NO. _____	REMARKS
	SUMMING	TOTAL HOURS						
1.	✓		300	82654			178	
2.			0	82666				
3.			0	82799				
4.			0	83078				
5.			0	83078			175	
6.			0	83078			174	
7.			0	83078			174	
8.			0	83078			171	
9.			0	83336				
10.			0	83336			175	
11.			0	83336				
12.			0	83336			175	
13.			0	83336				
14.			300	84383				
15.	✓		300	84814			179	
16.	✓		300	84945				
17.	✓		300	84313				
18.			0	84385			179	
19.			0	100141				
20.			0	100141			175	
21.			0	100141				
22.			0	100141			173	
23.			0	100141				
24.			0	100141				
25.			0	100141			173	
26.			0	100141				
27.			0	100141			175	
28.	✓		300	102866				
29.	✓		300	104044			178	
30.	✓		300	105766				
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Oct, 1983

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>II</u>	OBS. WELL READING FT. NO. _____	REMARKS
	PUMPING	TOTAL HOURS						
1.	✓		0	111291				
2.	✓		0	114437				
3.	✓		300	117252	183'			
4.	✓		300	120549				
5.	✓		300	123214	197'			
6.	✓		0	125313				
7.	✓		300	128924				
8.	✓		0	128762	175'			
9.	✓		0	12962				
10.	✓		0	128962	176'			
11.	✓		0	128762				
12.	✓		0	128462	174'			
13.	✓		0	128962				
14.	✓		0	129464	175'			
15.	✓		0	129464				
16.	✓		0	129464				
17.	✓		0	129564	174'			
18.	✓		0	129564				
19.	✓		300	132230	184'			
20.	✓		300	135214				
21.	✓		300	138053	185'			
22.	✓		300	140915				
23.	✓		300	144517				
24.	✓		0	147662	180'			
25.	✓		300	150285				
26.	✓		300	153074	187'			
27.	✓		300	155791				
28.	✓		0	155760	180'			
29.	✓		0	155760				
30.	✓		0	155760				
31.	✓		0	155760	175'			

SOUTH LINCOLN
RURAL WATER SYSTEM

The month of

WATER LEVEL DATA SHEET
WELL

June, 1983

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	PUMPING	TOTAL HOURS						
1.			0	155761				
2.			0	155761				
3.			0	155761				
4.			0	155761		172'		
5.			0	155761				
6.			0	155761				
7.			0	155761		173'		
8.			200	158215				
9.			300	160448		185'		
10.			400	162826				
11.			500	165410				
12.			600	168313				
13.			700	171482				
14.			0	174951				
15.			0	175020		176'		
16.			0	178870		172'		
17.			200	182122				
18.			300	184520		187'		
19.			0	184668				
20.			0	184668				
21.			0	184668		174'		
22.			0	184668				
23.			0	184668				
24.			0	184668				
25.			0	184668				
26.			0	184668		172'		
27.			0	184668				
28.			0	184668		174'		
29.			0	184668		172'		
30.								
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

June, 1983

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>17</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.			300	157032				
2.			300	157723				
3.			300	158136				
4.			300	158502				
5.			300	158743		182		
6.			300	159194				
7.			300	159840				
8.			300	160530				
9.			300	160965				
10.			300	161675				
11.			300	162129		187		
12.			300	162446				
13.			300	162714		174		
14.			300	162924				
15.			300	163234				
16.			300	163524				
17.			300	163724				
18.			300	163924				
19.			300	164248				
20.			300	164248				
21.			300	164248				
22.			300	164248				
23.			300	164344				
24.			300	164783				
25.			300	165196				
26.			300	165504				
27.			300	165821				
28.			300	166121				
29.			300	166421				
30.			300	166721				
31.			300	167021				

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SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

7 1984

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>II</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.				23432				
2.				23432				
3.				23432				
4.				23432				
5.				23432				
6.				23432				
7.				23432				
8.				23432				
9.				23432				
10.				23432				
11.				23432				
12.			300	24128				
13.			300	24373				
14.			300	24596				
15.				24803				
16.				25101				
17.			300	25342		177		
18.				25590				
19.			300	25793				
20.				25992				
21.				25992		164		
22.				25992				
23.				25992				
24.				25992				
25.				26162				
26.				26531				
27.				26831				
28.			300	26937				
29.								
30.								
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Feb, 1984

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	ORS. WELL READING FT. NO. _____	ORS. WELL READING FT. NO. _____	REMARKS
	PUMPING	TOTAL HOURS						
1.			0	269337				
2.			0	269337				
3.			0	269337				
4.			0	269337				
5.			0	269337				
6.			0	269337				
7.			0	269337				
8.			0	269337				
9.			0	269337				
10.			0	269337				
11.			0	271470				
12.	L		500	274065				
13.	L		300	276652				
14.	L		0	279153				
15.	L		300	281335				
16.	L		300	283577				
17.	L		300	285898				
18.	L		200	288376				
19.	L		300	290609				
20.	L		300	292997				
21.	L		300	295433				
22.	L		0	297627				
23.	L		0	299627				
24.	L		0	297627				
25.	L		0	297627				
26.	L		0	297627		174		
27.	L		0	297627				
28.	L		0	297627		174		
29.	L		0	297627				
30.								
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM

WATER LEVEL DATA SHEET
WELL

The month of

March, 94

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>11</u>	OBS. WELL READING FT. NO. _____	REMARKS
	STARTING	TOTAL HOURS						
1.	✓		300	300132		166		
2.	✓		0	307431		174		
3.	0	✓	0	304754				
4.	✓		0	307395				
5.	✓		300	309895		164		
6.	✓		300	312311				
7.	✓		300	314934		164		
8.	✓		300	317095				
9.	✓		300	319354		162		
10.	✓		0	311809				
11.	✓		300	324351				
12.	✓		300	326792		181		
13.	✓		300	329336				
14.	✓		300	331791		175		
15.	✓		0	331809				
16.	✓		0	331809				
17.	✓		0	331809				
18.	✓		0	331809				
19.	✓		0	331809		174		
20.	✓		0	331809		174		
21.	✓		0	331809				
22.	✓		0	331809				
23.	✓		0	331809		174		
24.	✓		0	331809				
25.	✓		0	331809				
26.	✓		0	331809		174		
27.	✓		0	331809				
28.	✓		0	331809		174		
29.	✓		0	331809				
30.	✓		0	331809				
31.	✓		0	331809				

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

April 1984

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>II</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.				331810				
2.				331810				
3.			300	334137				
4.			300	336045				
5.			200	338739				
6.			300	341179	181			
7.			300	343543				
8.			0	345879	175			
9.			300	348461	180			
10.			300	350675				
11.			300	352536	186			
12.			300	355318	185			
13.			0	357619	178			
14.			0	359476				
15.			0	361992				
16.			0	363770	172			
17.			0	365605	175			
18.			300	370568				
19.			300	373656	185			
20.			200	376158				
21.			0	377573				
22.			300	380575	186			
23.			300	383499				
24.			300	385560	185			
25.			300	388143				
26.			0	390201				
27.			0	392601				
28.			0	394801	175			
29.								
30.								
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM

The month of

WATER LEVEL DATA SHEET
WELL

May, 1984

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>II</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.				390609		125'		
2.				391109		122		
3.	L		300	393572		0		
4.	✓		320	395113		125		
5.	✓		220	397437				
6.	✓		320	400207				
7.	L		320	401270	Failed	122		
8.	L		300	403874				
9.	L		0	406094		127		
10.	L		300	408488		124		
11.	L		0	408511		122		
12.	L		0	408511		0		
13.	✓		0	408511				
14.	L		0	408511		123		
15.	L		0	408511				
16.	L		300	409528		122		
17.	L		0	410678				
18.	L		0	413345		124		
19.	L		0	415849				
20.	L		0	418817				
21.	L		0	418897		124		
22.	L		0	419338		7		
23.	L		0	419338		124		
24.	L		0	419338				
25.	L		0	419338		122		
26.	L		0	419338				
27.	L		0	419338				
28.	✓		0	419623		127		
29.	L		0	419623				
30.	L		0	419678		124		
31.	L		300	422337				

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

June, 1981

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>71</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	✓		0	433770		174		
2.	✓		0	434277				
3.	✓		0	434436		177		
4.	✓		0	434530				
5.	✓		0	435755		177		
6.	✓		0	438756				
7.	✓		345	431259		185		
8.	✓		345	433637				
9.	✓	0	300	435363				
10.	✓	0	300	438105		174		
11.	✓		0	440608				
12.	✓		300	443728		186		
13.	✓		300	445162				
14.	✓		300	447303				
15.	✓		0	450076				
16.	✓		0	452438				
17.	✓		300	45425				
18.	✓		300	456876		177		
19.	✓		0	457183		174		
20.	✓		0	457183				
21.	✓		0	457183		174		
22.	✓		0	457183			S	
23.	✓		0	457183		0	S	
24.	✓		0	457183		177		
25.	✓		290	457189				
26.	✓		320	460023		180		
27.	✓		330	462826		180	T	
28.	✓		300	466066		176	F	
29.	✓		330	468361			S	
30.	✓		330	471527			S	
31.								

7-7-84 474841

2

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of July, 1984

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	X		330	474841				30VB
2.	X			477558	173			30VB
3.	X			477709				30VB
4.	X			477101	162			30VB
5.	X			478451				30VB
6.	X			478604	176			30VB
7.	X			478731				30VB
8.	X			479664				30VB
9.	X		330	479710	183			30VB
10.	X			482628	175			30VB
11.	X		0	485113	175			30VB
12.			330	487904				30VB
13.	X		320	490630	187			30VB
14.			320	493615				30VB
15.			320	496411				30VB
16.			0	498138	175			30VB
17.			0	499138				30VB
18.			0	499138	174			30VB
19.			0	499297				30VB
20.			0	499297	173			30VB
21.			0	499450				30VB
22.			0	500135				30VB
23.	X		0	500987	175			30VB
24.	X		320	503841				30VB
25.	X		325	506992	174			30VB
26.				509481				30VB
27.			325	512291	187			30VB
28.			325	515078				30VB
29.			0	517952				30VB
30.			0	520762				30VB
31.			0	520884				30VB

520884

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

August, 1984

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	PURGING	TOTAL HOURS						
1.			0	520884	174			
2.			0	521320				
3.			0	521641	174			
4.			0	521779	NO READING			
5.			0	522351	" "			
6.			0	522650				
7.	X		200	526415				
8.			200	529265				
9.	X		305	532419				
10.			335	535619	175			
11.	X		330	538167		Saturday		
12.	X			541354		Sunday		
13.	X							
14.	X		330	547472				
15.	X			550389	180			
16.	X		330	553450				
17.	X		330	556315	185			
18.			0	559494	NO READING			
19.			305	561922	" "			
20.	X			564684	180			
21.	X			564797				
22.	X			565000	177			
23.	X			565000	175			
24.	X			565000				
25.	X			565765				
26.	X			566254	185			
27.	X			569124				
28.	X		330	572300	185			
29.	X		330	575300				
30.	X			575300	180			
31.	X							

5 76433

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

September, 1964

DATE	PUMP		FLOW GPH	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	X		0	576933				
2.	X		0	577235				
3.	X		0	577235	175			
4.	X		0	577235				
5.	X		0	577235	175			
6.	X		0	577235				
7.	X		0	577235				
8.	X		200	581496				
9.	X		200	582173	174			
10.	X		300	596200	174			
11.	X		300	597200				
12.	X			597200				
13.	X			597200				
14.	X			597200	174			
15.	X			597200				
16.	X			597200				
17.	X			597200				
18.	X		200	600057	175			
19.	X		300	600057	175			
20.	X		300	600057	175			
21.	X		300	600057				
22.	X		300	600057				
23.	X		300	600057	175			
24.	X			600057				
25.	X			600057	175			
26.	X			600057				
27.	X			600057	175			
28.	X			600057				
29.	X			600057				
30.	X			600057				
31.	X			600057				

600057

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

October, 1991

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	X		0	621857				
2.	X		325	624707	175			
3.	X		325	627174	175			
4.	X		325	630010	175			
5.	X		0	632567				
6.	X		0	635000				
7.	X		325	637440	170			
8.	X		325	640000				
9.	X		325	642500				
10.	X			645000				
11.	X			647500				
12.	X			650000				
13.	X			652500	175			
14.	X		0	655000	175			
15.	X		320	657500	175			
16.	X			660000				
17.	X			662500	187			
18.	X			665000				
19.	X			667500				
20.	X		320	670000				
21.	X		320	672500				
22.	X		320	675000				
23.	X			677500				
24.	X		320	680000	170			
25.	X		320	682500				
26.	X			685000				
27.	X			687500				
28.	X			690000	175			
29.	X			692500	170			
30.	X			695000	170			
31.	X							

676275

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

August, 1964

DATE	PUMP		FLOW GPH	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	STARTING	TOTAL HOURS						
1.	X		0	676228				
2.	X		1	676242	174			
3.	X		2	676254				
4.	X		3	676267	174			
5.	X		4	676281				
6.	X		530	676291				
7.	X		720	676301	175			
8.	X			676315				
9.	X			676328	174			
10.	X		338	676344				
11.	X		230	676359				
12.	X		220	676371	174			
13.	X			676382				
14.	X			676393				
15.	X			676403				
16.	X			676417				
17.	X			676433				
18.	X			676451	174			
19.	X			700434				
20.	X			703613	187			
21.	X		325	712526				
22.	X		550	712537				
23.	X			712548	180			
24.	X		32	712556				
25.	X		225	712566				
26.	X			715507				
27.	X			715709				
28.	X			715719				
29.	X		325	715735				
30.	X			715744				
31.								

715800

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Dec, 1984

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.				715400				
2.				715424				
3.				714316	16.5			
4.				726108				
5.				723058				
6.			325	725501				
7.			325	728004				
8.				730800				
9.			325	732000	16.5			
10.				731800	16.5			
11.				731615				
12.				731615				
13.				731615	17.5			
14.								
15.				736714				
16.			325	736712	17.5			
17.				739200				
18.				741174	17.5			
19.			325	744133				
20.				747511				
21.				752956	17.5			
22.				753942	17.5			
23.			325	751500	17.5			
24.				751113				
25.				751113				
26.				758613				
27.				758613				
28.				758613				
29.				758613				
30.				758613	17.5			
31.				758613				

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Jan, 1985

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO.	OBS. WELL READING FT. NO.	REMARKS
	RUNNING	TOTAL HOURS						
1.								759507
2.							178	762404
3.							170	765201
4.							188	767827
5.			325					770289 3V
6.								772876 3V
7.			325				189	775316 3V
8.								775404 3V
9.							178	775404 3V
10.								775404 3V
11.							175	775404 3V
12.								775404 3V
13.							175	775547 3V
14.								775547 3V
15.							175	778048 3V
16.			325				184	780457 3V
17.			325				185	782892 3V
18.			325					785290 3V
19.								787618 3V
20.			325					789947 3V
21.							188	792928 3V
22.								792954 3V
23.							177	792954 3V
24.							174	792954 3V
25.							178	792954 3V
26.								792954 3V
27.								793099 3V
28.							173	793099 3V
29.			320					795819 3V
30.			325				185	798274 3V
31.			350					800834

803506

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL # 2

The month of

February, 1985

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	X		0		180			803506 RAN
2.	X		0					803506 RAN
3.	X		70					803653 RAN
4.								803653 RAN
5.	X		0					803653 RAN
6.	X		0					803653 RAN
7.	X		0		180			803653 RAN
8.	X		0					803653 RAN
9.	X		0					803720 RAN
10.	X		0					803721 RAN
11.	X		0		178			806533 RAN
12.	X		325					809321 RAN
13.	X		310		187			811610 RAN
14.	X		315					814073 RAN
15.	X		320		187			816492 RAN
16.	X		320					819172 RAN
17.	X		325					821756 RAN
18.	X		0		178			824481 RAN
19.	X		320					824545 RAN
20.	X		0		175			824549 RAN
21.	X		0					824549 RAN
22.	X		0		180			824549 RAN
23.	X		0					824926 RAN
24.	X		0		176			826003 RAN
25.	X		0		175			827227 RAN
26.	X		320		180			829878 RAN
27.	X		320		180			832622 RAN
28.	X		320		186			
29.								
30.								
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL # 2

The month of

March, 1985

DATE	PUMP			FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	ON	OFF	TOTAL HOURS						
1.	X			320		178			835339
2.	X			320					837978
3.	X			—					840591
4.	X			—		175			842783
5.	X			—					842946 BU
6.	X			—		176			843154 BU
7.	X			—					844038 3V
8.	X			—		175			844038 BU
9.	X			—					844038 3V
10.	X			—					844315 3V
11.	X			325		186			846841 3V
12.	X			345					847470 BU
13.	X			350		180			852269 3V
14.	X			340		—			854634 BU
15.	X			325		183			857717 RAN
16.	X			305		185			860597 RAN
17.	X			340					863223 RAN
18.	X			—		185			863273 RAN
19.	X			—		175			863448 RAN
20.	X			—					863442 RAN
21.	X			—		175			863620 RAN
22.	X			—		—			863620
23.	X			—		—			863971 R.
24.	X			—		175			864140 R.
25.	X			—					866927 R.
26.	X			320					86864 R.
27.	X			340		185			872445 R.
28.	X			320					875730 R.
29.	X			320		179			877832 R.
30.	X			—		—			880504 R.
31.	X			320		—			

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL 2

The month of

April, 1986

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	X	1	320			189		383456
2.	X							383471
3.	X					167		883604 SV
4.	X		340					886004 SV
5.	X		330			176		888776 SV
6.	X		340					891578 RAN
7.	X		320			174		894314 RAN
8.	X							896214 RAN
9.	X					176		897354 RAN
10.	X							897354 RAN
11.	X					177		897498 RAN
12.	X					166		897824 RAN
13.	X							897982 SV
14.	X							898153 SV
15.	X		320			184		898340 SV
16.	X		330					901234 SV
17.	X		350			187		904346 SV
18.	X		350					907199 SV
19.	X		310			185		910087 SV
20.	X		0					912806 SV
21.	X		0					915598 SV
22.	X		0			178		918509 SV
23.	X		0					918509 SV
24.	X		0			180		918509 SV
25.	X		0					918509 SV
26.	X		0					918509 RAN
27.	X		0					918964 RAN
28.	X		220			145		921994 RAN
29.	X					183		921094 RAN
30.	X		320					
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

May, 85

2

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO.	OBS. WELL READING FT. NO.	REMARKS
	RUNNING	TOTAL HOURS						
1.						185	924713	
2.	X		325			187	927775	
3.	X		325			187	931013	
4.	X		325			186	934173	
5.	X		325			185	938350	
6.	X		325			185	940056	
7.	X		0			175	940270	SV
8.	X		0			175	941178	SV
9.	X		310			178	941460	SV
10.	X		0			178	942253	SV
11.	X		0			184	943397	RM
12.	X		0			184	943788	RM
13.	X		320			186	947093	RM
14.	X		340			174	949620	RM
15.	X		340			174	952017	RM
16.	X		340			174	955401	RM
17.	X		340			174	958531	SV
18.	X		310			177	961644	SV
19.	X		0			177	964757	SV
20.	X		0			174	965973	SV
21.	X		0			174	967203	SV
22.	X		0			175	967948	SV
23.	X		0			175	968723	SV
24.	X		0			175	969820	SV
25.	X		0			175	971495	SV
26.	X		0			178	971495	SV
27.	X		0			174	974534	SV
28.	X		0			174	977210	SV
29.	X		0			174	977940	SV
30.	X		0					
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL 2

The month of

June, 1985

DATE	PUMP		FLOW GPH	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO.	OBS. WELL READING FT. NO.	REMARKS
	RUNNING	TOTAL HOURS						
1.	X		325			187		985944
2.	X		325			188		988514
3.	X					176		991185
4.	X							991185
5.	X							991395
6.	X					171		991936
7.	X					176		992857
8.	X							99399.9 SU
9.	X		0					995628 SU
10.	X		0			177		996747 SU
11.	X		310					999296 SU
12.	X		320			176		002032 SU
13.	X		350					004751 SU
14.	X		330			187		007677 SU
15.	X		320					00784 SU
16.	X		320					013916 SU
17.	X		320			183		016651 SU
18.	X							01745 SU
19.	X					172		017457
20.	X		300					019124
21.	X		320			172		022397 RAR
22.	X		320					024964 RAR
23.	X		320			173		028154 RAR
24.	X		320			187		030754 SU
25.	X		0					032392 SU
26.	X		0			183		033641 SU
27.	X		0					033641 SU
28.	X		0			173		033656 SU
29.	X		0					033656 SU
30.	X		0					034209 SU
31.								

034321

SOUTH LINCOLN RURAL WATER
-November 1983 thru June 1985-
Worthing Well #3 Readings

175' in (existing)

SOUTH LINCOLN
RURAL WATER SYSTEM

The month of

WATER LEVEL DATA SHEET
WELL

Nov 1, 83

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. <u>III</u>	REMARKS
	RUNNING	TOTAL HOURS						
1.								
2.								
3.								
4.								
5.								
6.								
7.								
8.								
9.	✓		58	33500	181			
10.	✓		58	~~42500~~ 41800	182			
11.	✓		58	42600				
12.	✓			42800				
13.	✓			42800				
14.	✓			42900	178			
15.	✓			42900	175			
16.	✓			42900	178			
17.	✓			42100	178			
18.	✓			42700	178			
19.	✓				175			
20.	✓				175			
21.	✓			42700	178			
22.	✓			42700				
23.	✓			42700	178			
24.	✓			42700				
25.								
26.								
27.								
28.								
29.	✓			42800	---			
30.	✓			42800	---			
31.								

See

3. 084

48100

1. 1-

48100

1. 1-

48100

at 75'
 shut well off

Well #

SOUTH LINCOLN
 RURAL WATER SYSTEM
 WATER LEVEL DATA SHEET
 WELL

The month of

DEC, 1983

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. III	OBS. WELL READING FT. NO.	REMARKS
	ON	OFF						
1.					185	47760		
2.								
3.								
4.					185			
5.						85400		
6.						88200		
7.	✓		55		201	133800		
8.	✓		65		210	192700		
9.	✓		65		259	247400		
10.	✓		65		199	249900		
11.	✓		0		183	249500		
12.	✓		0		183	253800		
13.	✓		40		202	299300		
14.	✓					345900		
15.	✓		0			345900		
16.	✓		0			345900		
17.	✓		0			345400		
18.	✓		0			346800		
19.	✓		50		220	392100		
20.	✓		50		203	447200		
21.	✓		0		220	489700		
22.	✓		50		210	539800		
23.	✓		0					
24.	✓		0			650300		
25.	✓		0			650300		
26.					187	650300		
27.	✓				224	709300		
28.	✓		50		218	761400		
29.	✓		50		218	814100		
30.	✓		50		218	862500		
31.	✓		0					

Jan
 1 ✓ 0 181 862500
 2 ✓ 0 217 913400
 3 ✓ 50 224 967800

G. L. H. H.

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

Jan, 1984

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO.	OBS. WELL READING FT. NO. 3	REMARKS
	RUNNING	OFF						
		TOTAL HOURS						
1.	✓		(55)			1811		862500
2.	✓					217		913400
3.	✓					234		862800
4.	✓		56			233		1016400
5.	✓		55			225		1064700
6.	✓		55			213		1114000
7.	✓		55			224		1160800
8.	✓		53			229		1219000
9.	✓		50			232		1275300
10.	✓		50			231		1331700
11.	✓		50			231		1385600
12.	✓		50			232		1440600
13.	✓		50			235		1495600
14.	✓		50			230		1542300
15.	✓		50			230		1593100
16.	✓		50			228		1646200
17.	✓		50			218		1695300
18.	✓		50			218		1747600
19.	✓		50			210		1791800
20.	✓		50			203		1835300
21.	✓		50			221		1880700
22.	✓		50			219		1931100
23.	✓		50			219		1982400
24.	✓		50			220		2031000
25.	✓		50			225		2083900
26.	✓		50			230		2136800
27.	✓		50			232		2197300
28.	✓		50			239		2264000
29.	✓		50			230		2325300
30.	✓		50			237		2383300
31.	✓		50			239		2438000
	✓		50			232		2495300

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

FEB 1, '84

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. <u>III</u>	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	OFF						
								2495300
1.	✓		50		233			2541100
2.	✓		50		237			2583900
3.	✓		50		225			2639000
4.	✓		50		232			2682200
5.	✓		50		233			2730900
6.	✓		50		227			2779100
7.	✓		50		231			2827700
8.	✓		50		230			2873000
9.	✓		50		221			2917000
10.	✓		50		223			2961400
11.	✓		50		230			3009000
12.	✓		50		231			3057000
13.	✓		50		230			3105100
14.	✓		50		217			3161700
15.	✓		50		221			3206600
16.	✓		50		225			3252500
17.	✓		50		224			3300900
18.	✓		50		229			3348500
19.	✓		50		225			3391700
20.	✓		50		224			3443000
21.	✓		50		229			3488500
22.	✓		50		226			3509400
23.	✓		50		221			3553700
24.	✓		50		224			3597700
25.	✓		50		220			3649500
26.	✓		50		228			3701000
27.	✓		50		225			3748400
28.	✓		50		221			3794700
29.	✓		50		224			3842000
30.	✓		50		225			
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM

The month of

WATER LEVEL DATA SHEET
WELL

MARCH, 1964

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	✓		50		224			384200
2.	✓		50		223			3887500
3.	✓		0		218			3932400
4.	✓		50		234			3932600
5.	✓		50		223			4028900
6.	✓		50		223			4077500
7.	✓		0		228			4126400
8.	✓		0		219			4174300
9.	✓		50		221			4217300
10.	✓		50		218			4263000
11.	✓		50		220			4312800
12.	✓		50		224			4360200
13.	✓		50		229			4412100
14.	✓		50		220			4457000
15.	✓		50		227			4508700
16.	✓		50		229			4557400
17.	✓		50		229			4607600
18.	✓		50		232			4668300
19.	✓		50		227			4717000
20.	✓		50		229			4769100
21.	✓		50		231			4818300
22.	✓		50		230			4867500
23.	✓		50		230			4917000
24.	✓		50		230			4967300
25.	✓		50		229			5020000
26.	✓		50		221			5071000
27.	✓		50		228			5131100
28.	✓		50		231			5184200
29.	✓		50		230			5238400
30.	✓		50		237			5290700
31.	✓				230			5334800

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

8/

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	✓		50	538000	237			538000
2.	✓		50	5446500	236			5446500
3.	✓		50		236			5446500
4.	✓		50		237			5547000
5.	✓		50		237			5573000
6.	✓		50		237			5631000
7.	✓		50		232			5683400
8.	✓		50		232			5738900
9.	✓		50		234			5793900
10.	✓		50		235			5845000
11.	✓		50		236			5897100
12.	✓		50		236			5931800
13.	✓		50		234			5981000
14.	✓		0		217			6027500
15.	✓		0		220			6074100
16.	✓		0		218			6127700
17.	✓		0		213			6169000
18.	✓		0		215			6209700
19.	✓		50		229			6256400
20.	✓		50		232			6308500
21.	✓		50		230			6356500
22.	✓		50		224			6415700
23.	✓		50		216			6471400
24.	✓		50		240			6537100
25.	✓		50		240			6582700
26.	✓		50		240			6636400
27.	✓		50		233			6681100
28.	✓		50		233			6724500
29.	✓		50		231			6779100
30.	✓		50		230			6824400
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

June

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	☒		50			230		68160
2.	☒							69140
3.	☒					235		69600
4.	☒		50					70120
5.	☒							70640
6.	☒					245		71160
7.	☒					241		71680
8.	☒					237		72200
9.	☒		50			239		72720
10.	☒		50			238		73240
11.	☒		50			238		73760
12.	☒		50			239		74280
13.	☒		50			232		74800
14.	☒		50			235		75320
15.	☒		50			235		75840
16.	☒		50			238		76360
17.	☒		50			237		76880
18.	☒		50					77400
19.	☒		50					77920
20.	☒		50			257		78440
21.	☒		50			265		78960
22.	☒		50			234		79480
23.	☒		50			230		80000
24.	☒		50			240		80520
25.	☒		50			240		81040
26.	☒		50			241		81560
27.	☒		50			230		82080
28.	☒		50			233		82600
29.	☒		50			234		83120
30.	☒		50			235		83640
31.	☒		50					84160

June 1.
Run. 50
Run. 25
Run. 50

(250)

(235)

(230)

8483600

8518700

8569300

SOUTH LINCOLN
RURAL WATER SYSTEM

The month of

WATER LEVEL DATA SHEET
WELL

June, 1984

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	✓		50		250			9483600
2.	✓		50		235			9518200
3.	✓		50		230			9564300
4.	✓		50		241			9631600
5.	✓		50		240			9697500
6.	✓		50	87526	223			9728700
7.	✓		50		241			9785700
8.	✓		50		232			9832200
9.	✓		50		240			9880600
10.	✓		50		241			9933500
11.	✓		50		232			9982800
12.	✓		50		237			9031300
13.	✓		50		237			9077900
14.	✓		50		235			9126300
15.	✓		50		235			9177400
16.	✓		50		228			9222000
17.	✓		50		233			9270200
18.	✓		50		232			9318900
19.	✓		50		235			9369800
20.	✓		50		232			9425000
21.	✓		50		221			9475000
22.	✓		50		227			9532400
23.	✓		50		230			9576200
24.	✓		50		237			9631900
25.	✓		50		237			9675000
26.	✓		50		230			9730500
27.	✓		50		237			9782500
28.	✓		50		237			9833000
29.	✓		50		233			9883500
30.	✓		50		237			9934000
31.								

7-1-84 99964

3

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

July, 84

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	X		50	99968	237			
2.	X		50	100441	233			
3.	X			10092	236			
4.			50	101546	232			
5.			50	102070	230			
6.			50	102374	232			
7.			50	102881	238			
8.				103350	217			
9.				103908	237			
10.			0	104429	234			
11.				104933	235			
12.			50	105511	236			
13.			50	106075	240			
14.			50	106608	240			
15.			50	107093	230			
16.			50	107620	237			
17.			50	108147	238			
18.			50	108684	238			
19.				109193	235			
20.				109723	238			
21.				110240	234	Saturday		
22.				110753	223	Sunday		
23.			0	111335	232			
24.			50	111854	239			
25.			50	112395	234			
26.				112913	232			
27.				113515	250			
28.			50	113940	247			
29.			0	113944	227			
30.			50	114473	230			
31.				114963	231			

11544800

3

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

August, 1984

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO.	OBS. WELL READING FT. NO.	REMARKS
	RUNNING	TOTAL HOURS						
1.	X		50	11549800	235			SUT
2.	X			11598800	235			SUT
3.	X		50	11661400	246			RAN
4.	X		50	11708900	235			RAN
5.	X		50	11767200	235			RAN
6.	X		50	11825400	240			RAN
7.	X		50	11881200	240			RAN
8.	X		50	11934800	235			RAN
9.	X		50	11993500	239			RAN
10.	X		50	12053100	240			RAN
11.	X		50	12103500	236			Saturday
12.	X			12162200	233			Sunday
13.	X			12219900	239			
14.	X			12276000	243			
15.	X			12329300	235			
16.	X			12384100	240			
17.	X			12437900	235			
18.	X			12491700	235			Sat
19.	X			12544900	235			SUNDAY
20.	X		50	12598700	240			
21.	X			12644200	240			
22.	X			12702300	240			
23.	X		50	12757400	233			
24.	X		50	12821500	241			
25.	X			12864150	237			
26.	X			12911900	240			
27.	X			12963800	232			
28.	X			13019800	235			
29.	X			13075800	235			
30.	X			13107400	241			
31.	X		50	13107400	335			

1315890.0

Cleaned needle valve - 8/30/84

Short in system
(Bulb)

RAN
SUT

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

September, 1984

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	X		50	13158900	235			5.11
2.	X		50	13209200	235			
3.	X		50	13259500	235			
4.	X		50	13310700	238			
5.	X		50	13361700	237			
6.		Y	0	13383600	230			
7.		X	0	13388800				5.07 RAW
8.		X	0	13417200	240			5.11 RAW
9.	X		50	13537800	240			RAW
10.	X		50	13593200	235			RAW
11.	X		50	13644500				RAW
12.	X			13693800	238			RAW
13.	X			13743100	240			RAW
14.	X			13794000	238			RAW
15.	X		50	13844500	233			RAW
16.	X		50	13900700	235			RAW
17.	X		50	13953100	230			RAW
18.	X		50	14005100	235			RAW
19.	X		50	14061900	235			RAW
20.	X		50	14112400	235			RAW
21.	X		50	14166300	239	Standby		RAW
22.	X		50	14217100	237			RAW
23.	X		50	14269200	230			RAW
24.	X		50	14324300	240			RAW
25.	X			14377000	237			RAW
26.	X		50	14430200	240			RAW
27.	X		50	14487300	248			RAW
28.	X		50	14529400	239	8.07		RAW
29.	X		50	14590500	250	8.11		RAW
30.	X							
31.								

14591800

8/30/84 - cleaned needle valve

short in Bulb

3

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

October, 1984

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	X			14591800	200'			RAW
2.	X			14591800	200'			RAW
3.	X			14591800	200'			RAW
4.	X			14626400	235			RAW
5.	X			14691900	240			RAW
6.	X			14744400	230			RAW
7.	X			14785000	235			RAW
8.	X			14831300	235			RAW
9.	X			14886000	235			RAW
10.	X			14933200	235			RAW
11.	X			14982100	235			RAW
12.	X			15026300	225			RAW
13.	X			15073700	225			RAW
14.	X			15118100	225			RAW
15.	X			15166300	228			RAW
16.	X			15218200	249			RAW
17.	X			15218700	205			RAW
18.	X			15218700	205			RAW
19.	X			15266100	233			RAW
20.	X			15319500	225			RAW
21.	X			50 15377500	235			RAW
22.	X			50 15421700	235			RAW
23.	X			50 15477300	240			RAW
24.	X			50 15529100	240			RAW
25.	X			50 15579100	245			RAW
26.	X			50 15628800	238			RAW
27.	X			50 15671200	238			RAW
28.	X			0 15724200	233			RAW
29.	X			50 15768900	235			RAW
30.	X			50 15821400	237			RAW
31.	X			50 15869400	239			RAW

15913200

3

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

November, 1984

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	X		50	15913200	237			
2.	X		50	15957800	233			
3.	X		50	16006300	238			
4.	X		50	16058900	238			
5.	X		50	16117200	242			
6.	X		50	16173900	240			
7.	X		50	16220700	233			
8.	X		50	16276800	235			
9.	X		50	16319800	233			
10.	X		50	1637716	240			
11.	X		50	16418100	243			
12.	X		50	16465400	240			
13.	X		50	16510400	240			
14.	X		50	16551400	240			
15.	X		50	16606800	240			
16.	X		0	16647400	232			
17.	X		0	16647400	232			
18.	X		0	16647400	232			
19.	X		0	16647400	232			
20.	X		50	16752500	235			
21.	X		50	16794700	237			
22.	X		50	16850100	232			
23.	X		50	16898000	230			
24.	X		50	16949200	233			
25.	X			16999100				
26.	X			17001000				
27.	X			17001000				
28.	X			17001000				
29.	X			17001000				
30.	X							
31.								

SLOPE 8.0 FC

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL 111

The month of

Dec, 84

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	STOPPING	TOTAL HOURS						
1.	X			17001000				RAW
2.	X			17001000				RAW
3.	X			17001000				RAW
4.	X			17031900				RAW
5.	X			17083500				RAW
6.	X		50	17119100				RAW
7.	X			17150200				RAW
8.	X			17150200				RAW
9.	X			17150200	250			RAW
10.	X			17210000	245			RAW
11.	X			17262600	250			RAW
12.	X		50	17312500	260			RAW
13.	X		50	17371400	236			RAW
14.	X		✓	17414000	230			RAW
15.	X			17461000	237			RAW
16.	X		50	17576300	236			RAW
17.	X			17559000	238			RAW
18.	X		50	17603000	232			RAW
19.	X			17651000	230			RAW
20.	X		50	17702800	230			RAW
21.	X		50	17702800	235			RAW
22.	X		50	17702800	250			RAW
23.	X		50	17734100	260			RAW
24.	X		50	17789200	260			RAW
25.	X		50	17835400	235			RAW
26.	X		50	17884200	260			RAW
27.	X		50	17944000	260			RAW
28.	X		50	17977400	231			RAW
29.	X		0	18027900	225			RAW
30.	X		0	18077100	223			RAW
31.	X							

SOUTH LINCOLN
RURAL WATER SYSTEM

WATER LEVEL DATA SHEET
WELL

The month of

Jan, 198*5*

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	PUMPING	TOTAL HOURS						
1.	X		50		230			18128700
2.	X				230			18128700
3.	X		50		228			18230400
4.	X		50		228			18278900
5.	X		50		237			18331800 BV
6.	X	X			225			18378200 BV
7.	X		50		232			18427900 BV
8.	X	X	0		223			18476700 BV
9.	X		50		232			18524900 BV
10.	X	X	0		227			18570400 BV
11.	X		50		230			18615500 BV
12.	X		50		232			18661400 RM
13.	X		50		235			18725700 RM
14.	X		50		230			18756300 RM
15.	X	X			225			18804900 RM
16.	X		50		234			18852100 RM
17.	X		50		223			18895400 RM
18.	X		50		230			18940200 RM
19.	X				225			18982700 RM
20.	X				225			19024200 RM
21.	X		50		225			19076600 RM
22.	X	X			225			19126400 RM
23.	X		50		232			19175000 RM
24.	X		50		228			19218100 RM
25.	X		50		228			19265300 RM
26.	X	X			225			19313300 BV
27.	X				220			19361900 BV
28.	X				230			19411400 BV
29.	X		50		231			19460700 BV
30.	X		50		233			19504500 BV
31.	X		50		232			19551400 BV

19599200

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL III

The month of

February, 1985

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1.	X		50		233			19599200 SBV
2.	X		50		245			19645000 RMA
3.	X		50		245			19691300 RMA
4.	X		50		240			19732900 RMA
5.	X		50		245			19782800 RMA
6.	X		50		240			19829500 RMA
7.	X		50		245			19876600 RMA
8.	X		50		245			19924100 RMA
9.	X		50		228			19965000 RMA
10.	X		50		232			20016200 RMA
11.	X		50		238			20067900 RMA
12.	X		50		233			20110100 SBV
13.	X		50		230			20158700 SBV
14.	X		0		230			20197300 SBV
15.	X		50		232			20244200 SBV
16.	X		50		230			20288100 SBV
17.	X		50		230			20337800 SBV
18.	X		0		224			20383200 SBV
19.	X		50		224	232		20432400 SBV
20.	X		50		233	232		20481000 SBV
21.	X		50		235			20531200 SBV
22.	X		50		232			20580300 SBV
23.	X		50		239			20621000 RMA
24.	X		50		234			20669300 RMA
25.	X		50		235			20724300 RMA
26.	X		50		237			20776700 RMA
27.	X		50		235			20833900 RMA
28.	X		50		235			20875500 RMA
29.								
30.								
31.								

Well #3

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

March, 1985

DATE	PUMP		FLOW GPH	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	RUNNING	TOTAL HOURS						
1. X			50		23.5			20922900
2. Y			50		23.2			20970000
3.					22.5			21017000
4.	X		50		22.8			21060000
5.	X		0		22.8			21087600 SV
6.	X		50		23.5			21142700 SV
7.	X		50		23.5			21190400 SV
8.	X		50		23.5			21239900 SV
9.	X		50		23.7			212833400 SV
10.	X		0		23.9			21335300 SV
11.	X		50		23.7			21389500 SV
12.	X		50		23.5			21433900 SV
13.	X		50		23.2			21481400 SV
14.	X		0		22.8			21531800 SV
15.	X		50		23.3			21575700 SV
16.	X		50		23.0			21631700 RAN
17.	X		50		22.5			21681700 RAN
18.	X		50		23.7			21728700 RAN
19.	X		50		23.7			21830700 RAN
20.	X		50		23.5			21850300 RAN
21.	X		50		23.7			21930500 RAN
22.	X		50		23.5			21980600 RAN
23.	X		50		23.5			22021200 RAN
24.	X		50		23.3			22070000 RAN
25.	X		50		23.2			22120000 RAN
26.	X		50		23.4			22170000 RAN
27.	X		50		23.2			22200000 RAN
28.	X		50		23.0			22240000 RAN
29.	X		50		22.8			22300000 RAN
30.	X		50		22.8			22350000 RAN
31.	X		50		22.8			22350000 RAN

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

April, 1985

3

DATE	PUMP		FLOW GPH	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO.	OBS. WELL READING FT. NO.	REMARKS
	RUNNING	TOTAL HOURS						
1.			50			233		22416800
2.	X		50			234		22418400
3.	X	X	0			235		22519400
4.	X		50			236		22549400
5.	X		50			237		22579400
6.	X		50			238		22646700
7.	X		50			239		22696200
8.	X		50			240		22749000
9.	X		50			241		22799600
10.	X		50			242		22849700
11.	X		50			243		22899700
12.	X		50			244		22949700
13.	X		50			245		23045200
14.	X	X	0			246		23095800
15.	X		50			247		23148000
16.	X		50			248		23202900
17.	X		50			249		23252900
18.	X		50			250		23302500
19.	X		50			251		23352300
20.	X		50			252		23402900
21.	X	X	0			253		23456100
22.	X	X	0			254		23500400
23.	X		50			255		23543300
24.	X		50			256		23595800
25.	X		50			257		23643100
26.	X		50			258		23689800
27.	X		50			259		23735000
28.	X		50			260		23772000
29.	X		50			261		23824700
30.	X		50					
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

May, 1985

DATE	PUMP		FLOW GPM	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO.	OBS. WELL READING FT. NO.	REMARKS
	PUMPING	TOTAL HOURS						
1.	X		50			237		23878600
2.	X		50			235		23933800
3.	X					236		23996200
4.	X		50			235		24045700
5.	X		50			237		24117400
6.	X		50			229		24147900
7.	X		50			237		24204300 SU
8.	X		50			236		24257700 SU
9.	X		50			236		24311300 SU
10.	X		50			236		24362000 SU
11.	X		0			237		24409900
12.	X		50			235		24460100 R
13.	X		50			236		24511000 R
14.	X		50			237		24562000 R
15.	X		50			236		24611000 R
16.	X		50			235		24655400 R
17.	X		50			239		24713500 R
18.	X		0			230		24769200 SU
19.	X		0			235		24820800 SU
20.	X		50			237		24877100 SU
21.	X		50			235		24925800 SU
22.	X		50			230		24978900 SU
23.	X		0			236		25035500 SU
24.	0		0			234		25091200 SU
25.	X		50			233		25132000
26.	X		50			225		25180700
27.	X					234		25230000 1/2
28.	X		50			229		25283100 SU
29.	X		0			224		25334300 SU
30.	X		0					25382700 R
31.								

SOUTH LINCOLN
RURAL WATER SYSTEM
WATER LEVEL DATA SHEET
WELL

The month of

June, 1989

DATE	PUMP		FLOW GPH	METER READING GALS.	WELL READING FT.	OBS. WELL READING FT. NO. _____	OBS. WELL READING FT. NO. _____	REMARKS
	PUMPING	TOTAL HOURS						
1.	X		50			234	25490500	
2.	X		50			237	25543100	
3.	X		50			238	25596800	
4.	X		50			239	25640600	
5.	X		50			240	25694700	
6.	X		50			240	25748700	
7.	X		50			243	25794100	
8.	X		50			232	25830000	
9.		+	0			235	25898700	
10.		X	0			225	25940900	
11.	X		50			230	25995900	
12.	X		0			232	26049800	
13.	X		50			236	26090400	
14.	X		50			233	26142400	
15.	X		50			245	26199900	
16.		Y	—			208	26260900	
17.	X		—			205	26300500	
18.	V		50			231	26354700	
19.	V		57			241	26318600	
20.	V		50			241	26317900	
21.	X		50			242	26436700	
22.	X		50			241	26487100	
23.	X		50			242	26546200	
24.	X		50			241	26610000	
25.	X		50			240	26663800	
26.	X		50			235	26715200	
27.	X		50			237	26760700	
28.	X		50			235	26813100	
29.	X		50			235	26872300	
30.	X		50			237	26926000	
31.								

26980000



4300-3B

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

January 13, 1994

John Sievers
South Lincoln Rural Water System
Box 155
Canton, SD 57013

Dear Mr. Sievers:

Pursuant to a qualification on Water Permit/Right Nos. 4300-3; 4300-3A; 4300-3B & 5716-3, I am requesting that the South Lincoln Rural Water System report the total amount of water diverted during 1993. Please respond by January 31, 1994.

If you have any questions concerning this or other water rights questions, please contact Barry McLaury, Natural Resources Analyst, (605) 773-3352.

Sincerely,

RON DUVAL, Natural Resources Engineer
for JOHN HATCH, Chief Engineer
Water Rights Division

SOUTH LINCOLN RURAL WATER SYSTEM, INC.
- PUMPING RECORDS 1993

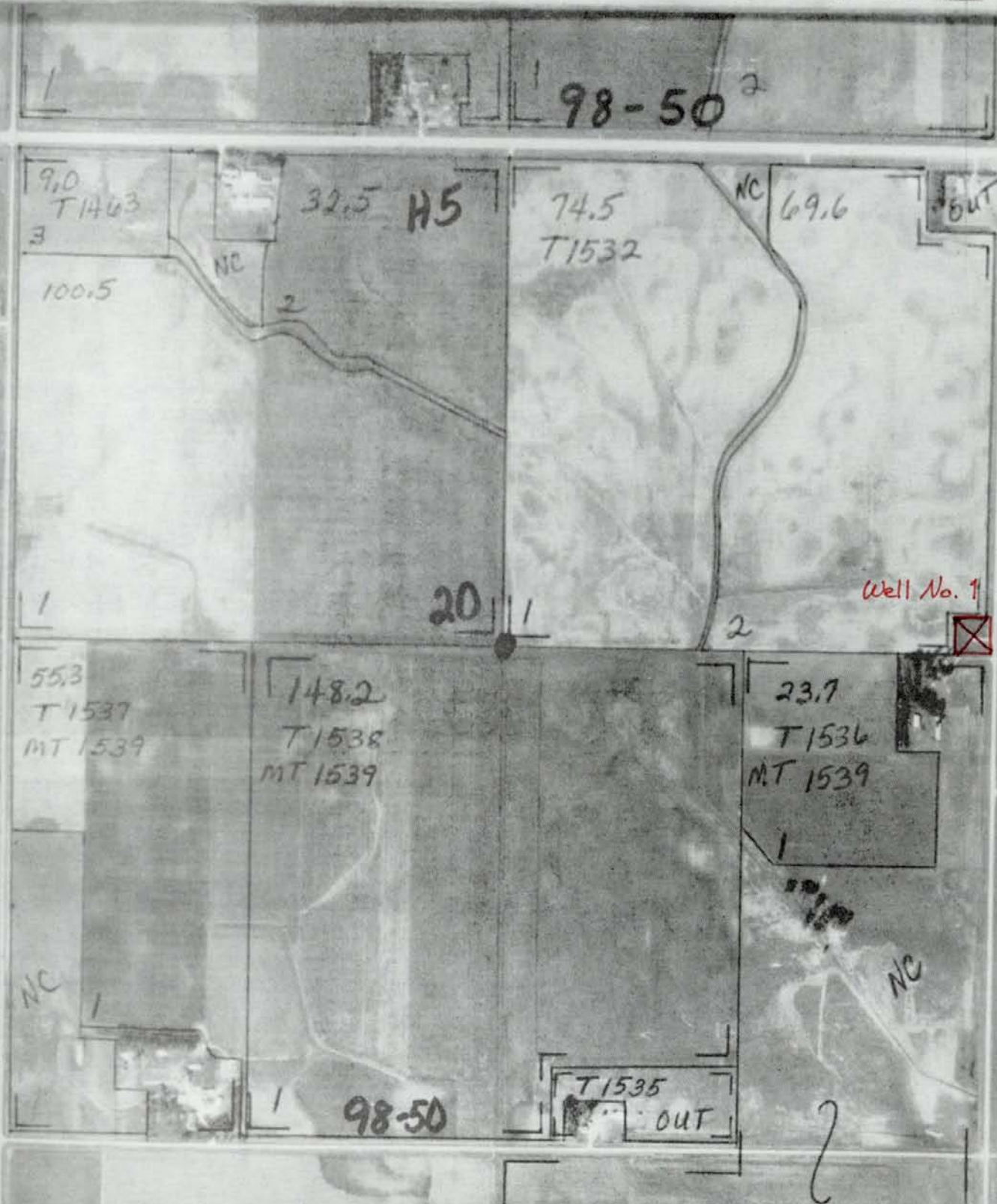
	Worthing Well No. 1			Worthing Well No. 2			Worthing Well No. 3			Worthing Well No. 4		
	Final	Initial	Total	Final	Initial	Total	Final	Initial	Total	Final	Initial	Total
	12-31-92	01-01-93	year	12-31-92	01-01-93	year	12-31-92	01-01-93	year	12-31-92	01-01-93	year
For the year 1993	556,800	613,765	105,645	907,989	731,869	176,120	536,125	384,360	151,765	573,000	231,000	2,342,000



205,409,000 gallons pumped

4300-3B

NOT TO SCALE

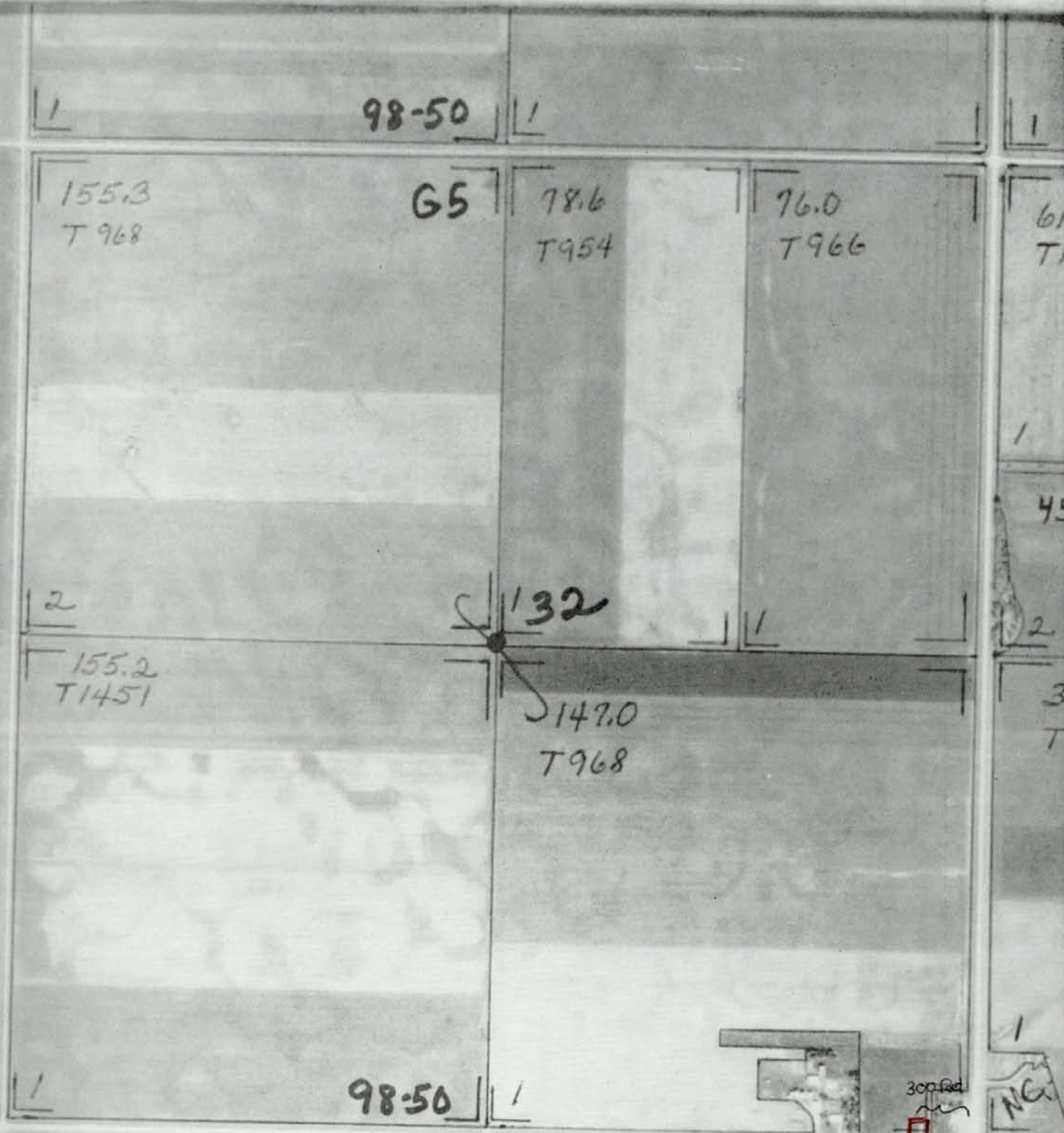


Ron Dewall
Natural Resources Engineer
8/20/86

(log 3)

see
G5
Water Right
4300-3B

NOT TO SCALE



Ron D. Wall
Natural Resources Engineer
8/20/86

(2 of 3)

Water Right No
4300-3B

NOT TO SCALE



Well No. 3

Ron Duval
Natural Resources Engineer
8/20/86

(3 of 3)

Water License
No. 4300-3B