

 Right Number 4384-3

1. Considered MARCH 28, 19 79
2. Name of Applicant CLARK RURAL WATER SYSTEM
3. Post Office Address CLARK, S.D.
4. Amount of water claimed 2.4
5. Source of water supply 4 WELLS, 147', 29', 23' & 52'
6. Water to be used for RURAL WATER SYSTEM

Acres to be irrigated \_\_\_\_\_

7. Water to be diverted and used in CLARK County  
about 4 S & 7 Miles SOUTH of CLARK

8. Proof of Publication

Received 3-19-79

Not received \_\_\_\_\_

9. Application

Approved 3-28-79

Subject to well 147' 29' 23' & 52' & 1/2 mile

Not approved \_\_\_\_\_

Action deferred \_\_\_\_\_

10. Remarks:

Water table  
2640' Spring Height  
Capacity well

*no record in file*

No. 4384-3Map No. 3574-3 Water Division No. 3 JAMES RIVER District \_\_\_\_\_  
(Blanks to be Filled by the Engineer for the W. R. C.)

## APPLICATION FOR PERMIT

## To Appropriate Water within the State of South Dakota

(NOTE-Draw a line through items not applicable)

1. Name of Applicant Clark Rural Water System  
 Post-office address Clark State South Dakota  
 If a corporation show date and place of incorporation Articles of Incorporation, March 3, 1978, Clark, S.D., Certificate of Incorporation, Sec. of State, March 7, 1978
2. Method of accomplishing work (contract, employment of others, or by direct labor) employment of others
3. Name of diversion work Clark Rural Water System Wells No. 1, 2, 3, and 4
4. Amount of water claimed (cubic feet per second) 4 wells at 0.6 cfs each 2.4 C.F.S.
5. Source of water supply Prairie Coteau Aquifer No. 1
6. Location of point of diversion #1 - S $\frac{1}{2}$  of SE $\frac{1}{4}$  of Sec. 25, T116N, R58W  
#2 - S $\frac{1}{2}$  of NE $\frac{1}{4}$  of Sec. 31, T116N, R57W  
#3 and #4 - S $\frac{1}{2}$  of Sec. 7, T115N, R57W County Clark
7. Annual period or periods during which water is to be used 12 months/year
8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) Domestic, Rural Water Sys.
9. For irrigation use, Total number of acres to be irrigated N/A

List below each forty acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.

| Land Description | No. Acres Irr. | Land Description | No. Acres Irr. |
|------------------|----------------|------------------|----------------|
|                  |                |                  |                |
|                  |                |                  |                |
|                  |                |                  |                |
|                  |                |                  |                |

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 5 years. Additional time required to complete application of water to the proposed beneficial use 3 years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication Clark County Courier, Clark, S.D.
12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source.

Gravel pack wells

B. Works proposed to transport water to place of use.

Rural Water System pipeline network

C. Works proposed to apply water to beneficial use.

Individual farm distribution systemEstimated Total Cost \$ 3,500,000Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map.  
(See instructions concerning preparation.)

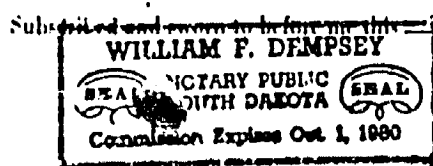
STATE OF SOUTH DAKOTA

County of BrookingsI, John M. Miller

the applicant, certify that I have read the foregoing application and have examined the attached map and that the matters therein stated are true and that I intend, and am able to complete the necessary construction.

Signed John M. Millerday of July 19 79

Notary Public (or other qualified officer)



# WATER RIGHT APPLICATION APPROVAL

The Water Resources Commission hereby approves Water Right Application No. 4384-3

CLARK RURAL WATER SYSTEM  
(Applicant)

CLARK  
(Post Office Address)

SOUTH DAKOTA 57225  
(State)

With the following modifications:

The ~~water~~ wells approved under this Permit will be located near domestic wells and other irrigation wells which may obtain water from the same aquifer. The ~~water~~ well owner, under this Permit, shall control his ~~water~~ withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in irrigation wells having prior water rights.

The wells approved under this permit, must be spaced so there is at least one-half mile between high capacity wells. (approve change 7-24-80)

2400' SPACING ALLOWED BETWEEN WELL #4 AND EXISTING IRRIGATION WELL - APPROVED 3-27-80

Date of first receipt of application JANUARY 12 19 79  
Date of return to applicant for correction, amendments or changes required JANUARY 15 19 79  
Date of receipt of corrected application MARCH 1 19 79  
Approved MARCH 28 19 79 Recorded in Book 20 Page 301

WATER RIGHT PERMIT NO. 4384-3

The Water Resources Commission hereby grants and issues this Water Right Permit No. 4384-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as modified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is JANUARY 12 19 79
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before SEPTEMBER 29 19 81
3. The whole of said work is to be completed on or before MARCH 28 19 84
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is MARCH 28 19 87
5. The water appropriated shall be used for the purpose of 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 injuriously affected by this appropriation.
7. The amount of the appropriation herein granted shall not exceed 2.4 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 use~~ USED FOR RURAL WATER SYSTEM ~~and if for the irrigation purposes said appropriation must be limited to not more than 3 acre feet per acre per year on the limited to not more than 1/70 of one cubic foot of water per second of time for each acre of land to which water is~~ actually and beneficially ~~applied for irrigation~~ on or before MARCH 28 19 87 said water to be used during the following described annual period: CONTINUOUSLY

Witness my hand this 12<sup>th</sup> day of APRIL 19 79

WATER RESOURCES COMMISSION

By:

John H. Hald  
Chief Engineer, Executive Officer

Certificate of Construction Issued \_\_\_\_\_ 19 \_\_\_\_\_

Water License Issued \_\_\_\_\_ 19 \_\_\_\_\_

116-58-25 dddcl

## SOUTH DAKOTA GEOLOGICAL SURVEY

Location SE SE SE SE Section 25 T. 16 (N) S. R. 58 E (W)

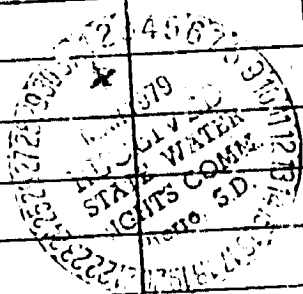
Well: \_\_\_\_\_ Test Hole: CK-14-78 Land Owner: \_\_\_\_\_

County: Clark Date: 7-25-78 Elevation: \_\_\_\_\_ (A, I, T)

E Log: \_\_\_\_\_ Samples: \_\_\_\_\_ Drilling Company: S.D. Geol. Survey

Source of Data: Driller: Tim Kenyon Geologist: Steve Birch

| Geologic Unit | Thickness | Lithologic Description                                                                                                                                                         | From - to Feet |
|---------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|               | 6         | Clay - yellow brown; sandy                                                                                                                                                     | 0-6            |
|               | 47        | Sand - coarse and very coarse sands are dominant, but some granules and gravel are present. Fine to medium sand comprises about 30-35 % of total cuttings.                     | 6-53           |
|               | 10        | Clay - medium dark gray; not till!                                                                                                                                             | 53-63          |
|               | 84        | Glacial till - medium gray; some oxidized streaks at first in the clay matrix. The till becomes more gravelly below 103 feet although it has an assortment of sand throughout. | 63-147         |
|               |           | T.D. = 147 feet                                                                                                                                                                |                |
|               |           | Backfilled - no observation well                                                                                                                                               |                |



廿二

## SOUTH DAKOTA GEOLOGICAL SURVEY

Location SE SE SE SW Section: 31 T. 11 1/2 (N) S. R. 57 E. (W)

Well: Obs. Well 15 Test Hole: CK-22-78 Land Owner: \_\_\_\_\_

County: Clark Date: 7-26-78 Elevation: \_\_\_\_\_ ( A, I, T )

E-Log: \_\_\_\_\_ Samples: \_\_\_\_\_ Drilling Company: S.D. Geological Survey

Source of Data: Driller: T. Kenyon (Combination Rig) Geologist: S. Birch

[illegible]

—

SOUTH DAKOTA GEOLOGICAL SURVEY

Location N'E NE NW Sw Section: 7 T. 115 (N) S. R. 57 E. (W)

County: Clark Date: Sept. 15, 1978 Land Owner: Elmer Larson

E. Log: \_\_\_\_\_ Date: July 15, 1978 Elevation: \_\_\_\_\_ (A, I, T)  
 Samples: \_\_\_\_\_

Source of Data: Driller: Kenyon Drilling Company: Sid. Geol. Survey  
Geologist: Burch Rotary with comb rig

| Geologic Unit | Thickness | Lithologic Description                                                                     | From - to Feet |
|---------------|-----------|--------------------------------------------------------------------------------------------|----------------|
|               | 2         | Clay - black ; sandy                                                                       |                |
|               | 21        | Sand - brown : coarse to very coarse with some gravel.                                     | 0-2<br>2-23    |
|               | 4         | Clay - gray ; no sand (lake clay)                                                          | 23-27          |
|               |           | T.D. = 27 feet                                                                             |                |
|               |           | Installed 20 feet of 2-inch diameter PVC pipe and a .3 ft. long sandpoint.<br>Backflushed. |                |

3 A

# NOTICE OF WELL CONSTRUCTION

## (1) WELL CONSTRUCTION

Location of well SW 1/4 1/4 Section 7 Township 15 Range 57  
 Well owner Clark Rural Water (Name) (Address)  
 Date well drilling completed 11/16 Purpose of well \_\_\_\_\_  
 (domestic, irrigation, municipal, industrial, other)

### WELL LOG

| Layers, top to top in feet | Description of layer        | Depth to top of water producing aquifer _____ ft.                                                                                                                           |
|----------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>0-2</u>                 | <u>Top soil</u>             | Depth to static water level <u>19-11</u> ft.                                                                                                                                |
| <u>2-19</u>                | <u>Sand dry</u>             | Name of producing aquifer (if known) _____                                                                                                                                  |
| <u>19-20</u>               | <u>yellow clay</u>          | Total depth of drill hole <u>60</u> ft.                                                                                                                                     |
| <u>20-26</u>               | <u>sand gravel clay wet</u> | Depth to bottom of casing <u>50</u> ft.                                                                                                                                     |
| <u>26-27</u>               | <u>blue clay</u>            | Casing information: In the space below show kind, size, weight, length per diameter, etc., for production casing and surface casing, if used.<br><br><u>2" PVC</u>          |
| <u>27-34</u>               | <u>sand &amp; gravel</u>    |                                                                                                                                                                             |
| <u>34-39</u>               | <u>sand fine</u>            |                                                                                                                                                                             |
| <u>39-52</u>               | <u>med. to coarse sand</u>  |                                                                                                                                                                             |
| <u>52-60</u>               | <u>blue clay</u>            |                                                                                                                                                                             |
|                            |                             | Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.<br><br><u>5' of slot at bottom</u> |
|                            |                             |                                                                                                                                                                             |
|                            |                             |                                                                                                                                                                             |
|                            |                             |                                                                                                                                                                             |
|                            |                             |                                                                                                                                                                             |

Attach sheet if more space is needed

If a flowing well, flow of completed well \_\_\_\_\_ G.P.M.

Peckham well co.  
 Name of Drilling Contractor

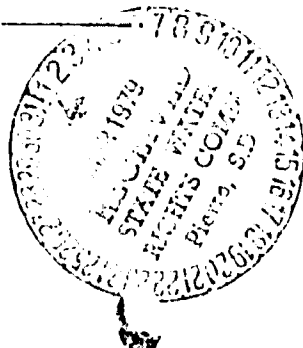
## (2) PUMP INSTALLATION

Company name and size of pump \_\_\_\_\_ HP  
 Type of pump \_\_\_\_\_ Capacity of installed pump \_\_\_\_\_ G.P.M.  
 Depth of pump placement \_\_\_\_\_ ft., Date of pump installation \_\_\_\_\_

## (3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed \_\_\_\_\_ ft., tube diameter \_\_\_\_\_, tube material \_\_\_\_\_



\_\_\_\_\_  
 Name of Pump Installation Contractor

DeWild Grant Reckert & Associates Cc.  
Architecture, Engineering and Planning

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

600 Sioux City Federal Plaza Bldg.  
Sioux City, Iowa 51101  
Telephone 712 277 3049

309 National Bank of South Dakota Bldg.  
Sioux Falls, South Dakota 57102  
Telephone 605 339 4157

23 February 1979

Water Rights Commission  
Joe Foss Building  
Pierre, South Dakota 57501

Attention: Betty Westland

RE: Clark Rural Water System  
DGR Project No. 27145



Dear Miss Westland:

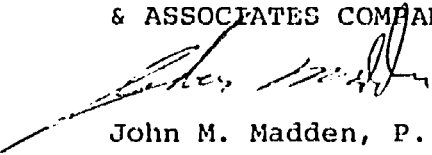
Per your request of January 15, 1979 find enclosed copies of the driller's log for each well location. It should be noted that the test hole and log associated with Well No. 4 was completed by Peckham Well Company whereas the remaining test holes and logs for Well No's. 1, 2 and 3 were completed by the South Dakota Geological Survey.

I trust that this information together with the information submitted to you on February 9, 1979 will satisfy the necessary requirements.

Thank you for your assistance.

Very truly yours,

DEWILD GRANT RECKERT  
& ASSOCIATES COMPANY

  
John M. Madden, P. E.

JMM:sks  
Enclosures

cc: Clarence Kalsbeek

12. Principal Features of the Proposed Water Supply System (continued.)

D. Well Information or Estimates

- (1) Drill Hole, Diameter 18 inch, Depth 55 feet
- (2) Casing, Type steel Diameter 12-inch Thickness 0.25 inch  
(wood, concrete, steel, etc)
- (3) Perforated Screen.  
Type stainless steel, Diameter 12", Length 10'
- (4) Gravel Pack. Thickness 3 inches, Length of gravel pack 35 feet

E. Dugout Information or Estimates. N/A

- (1) Surface dimensions \_\_\_\_\_, Depth \_\_\_\_\_

F. Fill out for Either a Well or a Dugout. N/A

(i) Water Bearing Materials. (Please attach a copy to test well log if available.)

Character of Water bearing materials \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Depth to top of water bearing material \_\_\_\_\_

Depth to bottom of water bearing material \_\_\_\_\_

Thickness of water bearing material \_\_\_\_\_

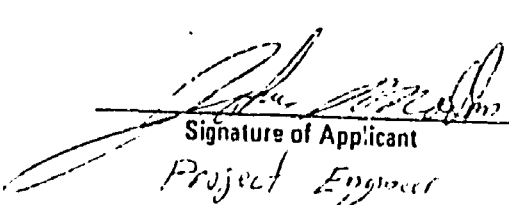
Depth to water (ground surface to water level) \_\_\_\_\_

(2) Distance to nearest existing household or livestock watering wells.

On same owner's property \_\_\_\_\_ rds. On property owned by others \_\_\_\_\_ rds.

G. Water Storage Dams. N/A

If the proposed water use system contains one or more water storage dams, please show in the space below, the height, maximum water depth, surface area and storage capacity of each storage dam. The location of each water storage dam should be shown on the water right map.

  
Signature of Applicant

Project Engineer

DeWild Grant Reckert & Associates Co.  
Architecture, Engineering and Planning

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

600 Sioux City  
Sioux City, Iowa 51101  
Telephone 712 3022

300 National Bank of South Dakota Bldg.  
Sioux Falls, South Dakota 57112  
Telephone 605 332 4157

9 February 1979

Betty Westland  
Water Rights Specialist  
Water Rights Commission  
Joe Foss Building  
Pierre, South Dakota 57501



Re: Clark Rural Water System  
Job No. 27145

Dear Miss Westland:

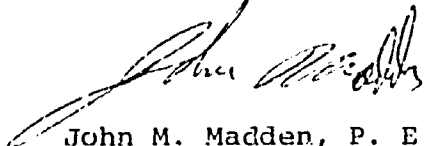
Per your January 15, 1979 letter to the Clark Rural Water System, I am enclosing a copy of the feasibility report prepared by this office for the water system.

I have also requested signed copies of the driller's log from Peckham Drilling Company and will forward same as soon as they are received.

Thank you for your assistance.

Sincerely,

DEWILD GRANT RECKERT  
& ASSOCIATES COMPANY

  
John M. Madden, P. E.

JMM:mrw  
Enclosure

cc: Clarence Kalsbeek  
: Peckham Drilling Co.

*filed in 27145*

January 15, 1979

Clark Rural Water System  
Clark SD 57225

Dear Sir:

The application for the Clark Rural Water System was received January 12, 1979.

The feasibility report must be received before further processing of this application.

Also, an application submitted to the Water Rights Commission must have a copy of the signed well drillers log for each well location before the application can be advertised.

To maintain your priority date on your application for permit to appropriate water, in accordance with SDCL 46-5-16, you will now have sixty days from the date of this letter to correct your application and/or to have the above information submitted to this office.

If you have any questions feel free to contact this office.

Sincerely,

Betty Westlund  
Water Rights Specialist

BW:kjw

No. 4384-3

Publish first publication, on or before March 15, 1979

NOTICE OF HEARING ON  
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

March 1, 1979

Notice is hereby given that the Clark Rural Water System whose post office

address is Clark, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-14; 46-2-9 thru 46-2-11, 46-2-13; 46-5-1 thru 46-5-8; 46-5-10 thru 46-5-22, 46-5-41; 46-6-3, 46-6-3.1, 46-6-5, 46-6-6.1, 46-6-10, 46-6-14 and Commission Rules ARSD 52:01:01:01 thru 52:01:01:13, for a permit to appropriate for beneficial use 2.4 cubic feet of water per second of time from groundwater

(four wells) through the Clark Rural Water System, the point(s) of diversion of which is(are) to be located in the XXXXXX Well #1, SE1/4 Sec. 25-T116N-R58W; Well #2, SW1/4 NE1/4, Sec. 31-T116N-R57W; Wells 3 & 4, W1/2 SW1/4

of Section 7, Twp. 116N, Range 57W. Said water to be used for the purpose of providing irrigation on portions of the following described land:  
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

water supplies for a rural water system.

This Application No. 4384-3 will be considered by the Water Rights Commission at the Community Room in the City Hall, 222 East Dakota, Pierre, SD upon the 20th day of March, 1979

at 10 A.M. The Commission is authorized to make a determination on this application at the hearing. All interested persons may appear and be heard. Any person who may be affected by a Commission decision who desires to present evidence or cross-examine witnesses according to SDCL 1-26 may notify the Commission in writing prior to the hearing or orally at the hearing.

This hearing is an adversary proceeding. Any person 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 at the hearing. Decisions of the Commission may be appealed to the Courts as provided by law.

WATER RIGHTS COMMISSION

Betty Westlund  
Water Rights Specialist

BW:plh

cc: Clark Rural Water System, Clark, SD 57225

No. 1394-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA )  
County Clark ) ss.

I, Lert Moritz hereby  
certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the Clark County Corridor

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 Clark

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

March 2, 1979

March 15, 1979

Bert Moritz  
(Signature)

Editor  
(Title)

March 16, 1979  
(Date Signed)

NOTICE OF HEARING ON  
APPLICATION TO  
APPROPRIATE WATER  
Pierre, South Dakota 57501  
March 1, 1979

Notice is hereby given that the  
Clark Rural Water System  
whose post office address is  
Clark, South Dakota, has made  
an application in accordance with  
the provisions of SDCL 46-1-1  
thru 46-1-9, 46-1-14; 46-2-9 thru  
46-2-11, 46-2-13; 46-5-1 thru  
46-5-8; 46-5-10 thru 46-5-22, 46-5-  
41; 46-6-3, 46-6-3.1, 46-6-5, 46-6-  
8.1, 46-6-10, 46-6-14 and Com-  
mission Rules ARSD 52:01:01:01  
thru 52:01:01:13, for a permit to  
appropriate for beneficial use 2.4  
cubic feet of water per second of  
time from groundwater (four  
wells) through the Clark Rural  
Water System Wells 1, 2, 3 & 4,  
the point (s) of diversion of which  
are to be located Well #1, SE 1/4  
SE 1/4, Sec. 25-T116N-R58W;  
Well #2, SW 1/4 NE 1/4, Sec. 31-  
T116N-R57W; Wells 3 & 4,  
W 1/2 SW 1/4, of Section 7, Twp.  
115N, Range 57W. Said water to  
be used for the purpose of  
providing water supplies for a  
rural water system.

This Application No. 4384-3  
will be considered by the Water  
Rights Commission at the Com-  
munity Room in the City Hall,  
222 East Dakota, Pierre, SD  
upon the 22nd day of March, 1979  
at 10 A.M. The Commission is  
authorized to make a determina-  
tion on this application at the  
hearing. All interested persons  
may appear and be heard. Any  
person who may be affected by a  
Commission decision who desires  
to present evidence or cross ex-  
amine witnesses according to  
SDCL 1-26 may notify the Com-  
mission in writing prior to the  
hearing or orally at the hearing.

This hearing is an adversary  
proceeding. Any person 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 at the hearing. Deci-  
sions of the Commission may be  
appealed to the Courts as provid-  
ed by law.

Water Rights Commission  
Betty Westlund  
Water Rights Specialist  
3-8-21



DeWid Grant Reckert & Associates Co.  
Consulting Engineers

315 First Avenue

Rock Rapids, Iowa 51245

Telephone 712 472 2531

600 South City Federal Plaza Bldg

Sour Co. Iowa 51101

Telephone 712 277 3349

1113 East 14th Street

Sour Falls, South Dakota 57102

Telephone 605-337-4157

4384-3

5 September 1979

Peckham Well Company  
Clark, South Dakota 57225

Attention: Jim Peckham

RE: Clark Rural Water System  
Test Well Quotations  
Our Project No. 27145

Dear Mr. Peckham:

We are seeking proposals for construction of one (1) and possibly two (2) test wells and associated observation wells as part of the water supply source for Clark Rural Water System, Clark, South Dakota.

Such construction is to be accomplished in the area shown on the attached map with the wells anticipated to be approximately 20 to 50 feet deep. Each well shall be quoted and constructed separately. Following completion and test pumping of the first well, approval for the remaining well will be at the discretion of the Owner and Engineer. After reviewing the sieve analysis and drilling log of the pilot hole, screen slot size, screen length, and gravel pack will be determined by Contractor, Screen Manufacturer, and Engineer. Construction shall be per the following:

Initial/Pilot Drilling:

The contractor shall take accurate material samples from each succeeding formation encountered and at every 5 ft. interval in the water bearing formations. One set of samples is to be delivered to our office. In addition, the contractor shall keep a written log of the formations, giving accurate descriptions of the materials and whether or not they are water-bearing, and shall provide one copy to our office.

Test Well Construction:

The construction of the test wells shall consist of providing and installing the screens and fittings, casing pipe, and gravel pack media in addition to development.



Peckham Well Company  
Page Two  
5 September 1979

- (a) Screens shall be 12 inch I.D., A.I.S.I., Type No. 304, 18-8 stainless steel as manufactured by Johnson Div., U.O.P. or equal. The screens shall be complete with a 3/16 inch thick stainless steel bottom plate and shall be in sections. All sections and connections are to be welded. The screen slot size shall be sized to retain ninety (90) percent of the particle size of the gravel pack media.
- (b) The casing pipe shall consist of 12 inch I.D. black steel casing pipe with a minimum wall thickness of 0.375 inches and weighing 49.56 lbs. per ft. (for plain end pipe). All sections shall be welded. Prior to installation the finished elevation of the casing will be provided to the Contractor.
- (c) The gravel packing media shall consist of washed gravel which is screened to the gradation best suited for the maximum development of water from each well aquifer and which, after development, will result in a finished well which does not pump sand.

The gradation of the gravel packing media for each well shall be determined by the Engineer and Contractor, from the screen sieve analyses of material recorded during drilling of the test holes. In general, the gravel packing media shall have a uniformity coefficient of less than 1.7 (1.5 or less preferred) and the effective size (sieve size retaining 90 percent of sample) of the gravel packing media shall not be more than about eight times the effective size of the formation sand particles.

- (d) The methods of developing to be used shall be submitted to and approved by the Engineer. The minimum development time considered acceptable for each well is 4 hours. The Contractor shall provide such additional development time as required for each well at no additional cost to the Owner to meet the efficiency requirements.

The completed test wells shall have an actual efficiency of not less than 80 percent of the theoretical efficiency, based on the pumping test. The efficiencies shall be calculated by the Engineer using non-equilibrium methods and making due allowance for the actual penetration of the aquifer with the amount of screen installed.

Failure by the Contractor to construct a well with an efficiency of 80 percent or higher, as defined above, will be considered negligence on the part of the Contractor and will result in refusal to accept the well by the Owner.

Pump Test:

The pumping test of each test well shall consist of a drawdown test of 24 to 72 hours duration followed by 6 to 24 hours of recovery readings. The pumping rate shall be a continuous rate of 200 gpm unless approved otherwise by the Engineer.

The Contractor shall calibrate his test pump the day before the start of the pumping test so that he knows precisely the rate of flow to be expected throughout the duration of the test. This flow rate shall be held within a 5 percent range throughout the pumping test, as measured continuously with a weir box, orifice or water meter. The water discharged during the pumping test shall be piped to a point where adequate drainage is available and where the discharge will not percolate back into the water-bearing formation during the drawdown and recovery tests. The Contractor shall record water levels in the production well and each observation well during the pumping and recovery periods according to the following schedule.

- Each 1 minute for first 5 minutes.
- Each 2 minutes for next 10 minutes.
- Each 5 minutes for next 45 minutes.
- Each 20 minutes for next 60 minutes.
- Each 30 minutes for next 2 hours.
- Each 60 minutes for remainder of test.

Each observer shall record the time of each observation as well as the drawdown at each time on an approved log sheet. One copy of the log sheet shall be delivered to our office upon completion of the test.

Peckham Well Company  
Page Four  
5 September 1979

In addition, two water samples (approximately one gallon each) shall be gathered at the end of the pump test in clean containers and furnished to the Engineer.

#### Disinfection:

After each well has been completely constructed and test pumped, it shall be thoroughly cleaned of all foreign substances, including tools, timbers, rope, debris of any kind, cement, oil, grease, joint dope and scum. The casing pipe shall be thoroughly swabbed, using alkalies if necessary, to remove oil, grease, or joint dope. The well shall then be disinfected with a chlorine solution. The chlorine solution used for disinfecting the well shall be of such volume and strength and shall be so applied that a concentration of at least 50 ppm of chlorine shall be obtained and applied in accordance with the directions of, and to the satisfaction of, the Engineer, and shall remain in the well overnight prior to removal by pumping. Following this the Engineer shall obtain samples for analysis. If satisfactory results are not obtained the Contractor shall re-disinfect the well at his own expense until satisfactory results are obtained.

#### Completion:

At all times during the progress of the work, the Contractor shall protect each test well in such manner as effectively to prevent either tampering with the well or the entrance of foreign matter into it, and, upon its completion, he shall provide and set a substantial screwed, flanged or welded cap satisfactory to the Engineer on the well which shall remain in place until the permanent pump has been installed.

#### Observation Wells:

Associated with each test well, two or more observation wells shall be constructed at the direction of the Engineer. Such wells shall consist of 2 inch diameter PVC pipe (capped on bottom and slotted adjacent to sand and gravel layers) and shall be gravel packed with material approved by the Engineer and developed to assure accurate drawdown readings.

Peckham Well Company  
Page Five  
5 September 1979

One observation well per test well will be designated as permanent and finished with FVC pipe to within 5 feet of ground level with a transition to 2 inch galvanized iron pipe. The GIP shall terminate 3 feet above ground level. The top opening shall be fitted with a hinged cap and hasp to allow locking. That portion of the galvanized pipe below ground shall be encased in cement grout. The permanent observation well shall be protected by 3 steel posts 5'-6" long, driven to a depth of 2'-6". Spacing shall be 18 inches. See attached sketch.

Observation wells if and when no longer needed shall be properly abandoned by the Contractor upon request of the Owner at no expense to the Owner.

All of the above described work shall be performed for the unit prices you list on the attached proposal. Bills will be submitted to our office for review and approval and will be submitted to the Clark Rural Water System at least monthly (regular meeting 3rd Monday of each month) for the full amount of work satisfactorily completed since the previous bill if any.

Please forward your proposal to our office prior to September 13, 1979 if you wish to be considered for the above described work. Should you have questions contact either John Madden or myself.

Very truly yours,

DEWILD GRANT RECKERT  
& ASSOCIATES COMPANY

*David Holman*

David Holman

DH:sks

Attachments

cc: Clarence Kalsbeek, Chairman, Clark Rural Water System  
D. G. Syvertson, Attorney, Clark Rural Water System  
John Hatch, Department of Natural Resources

PROPOSAL

TO: The Board of Directors of the  
Clark Rural Water System

Gentlemen:

The undersigned being familiar with all the details, conditions and requirements hereby proposed to furnish all labor, tools, materials, and equipment necessary for the test drilling and test pumping, as described in the letter to you of September 5, 1979, from DeWild Grant Reckert & Associates Company, for the following prices.

| <u>Item No.</u> | <u>Description</u>                                                                                | <u>Unit or Lump<br/>Sum Price</u> |
|-----------------|---------------------------------------------------------------------------------------------------|-----------------------------------|
| 1.              | Mobilization, per each                                                                            | \$ _____                          |
| 2.              | Drill pilot holes, per lin. ft.                                                                   | \$ _____                          |
| 3.              | Drill 2 inch dia. observation well, per lin. ft.                                                  | \$ _____                          |
| 4.              | PVC observation well casing, 2 inch dia. including slotted segments and gravel pack, per lin. ft. | \$ _____                          |
| 5.              | Development of cased observation well, per each                                                   | \$ _____                          |
| 6.              | Drill 18 inch min. dia. test well, per lin. ft.                                                   | \$ _____                          |
| 7.              | Steel well casing, 12 inch min. dia., per lin. ft.                                                | \$ _____                          |
| 8.              | Stainless steel well screen, 12 inch min. dia., per lin. ft.                                      | \$ _____                          |
| 9.              | Gravel packing for test wells, per lin. ft.                                                       | \$ _____                          |
| 10.             | Development of test wells and installation and removal of test pump equipment, per each           | \$ _____                          |
| 11.             | Test pumping of test wells, per hr.                                                               | \$ _____                          |
| 12.             | Recovery observation of test wells, per hr.                                                       | \$ _____                          |
| 13.             | Disinfection of test wells.                                                                       | \$ _____                          |

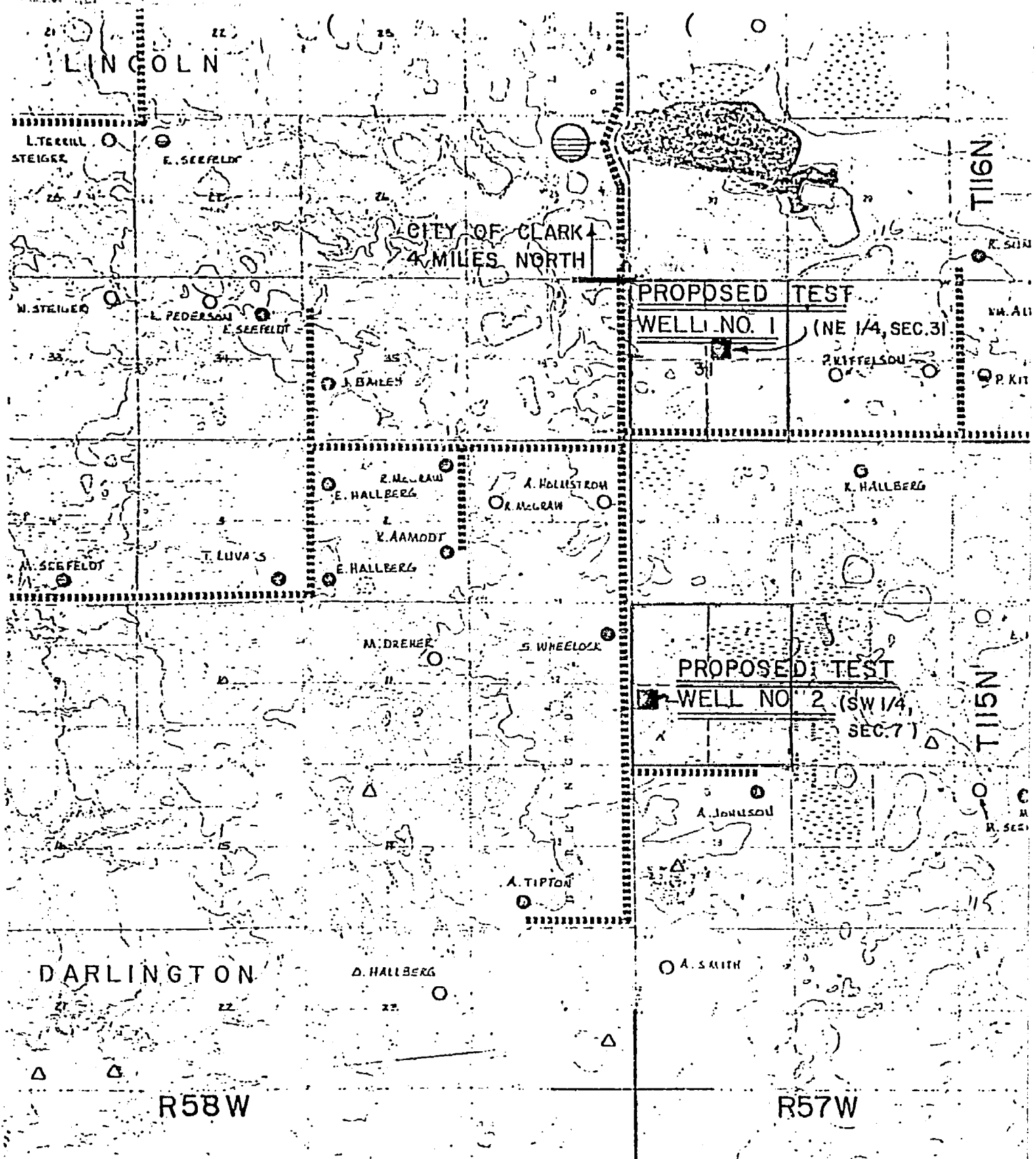
The undersigned further agrees to start work within \_\_\_\_\_  
days of a notice to commence work and then stay on the job  
until completion.

Respectfully submitted,

\_\_\_\_\_

By \_\_\_\_\_

Date \_\_\_\_\_

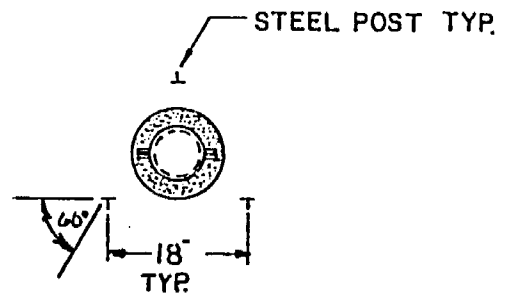
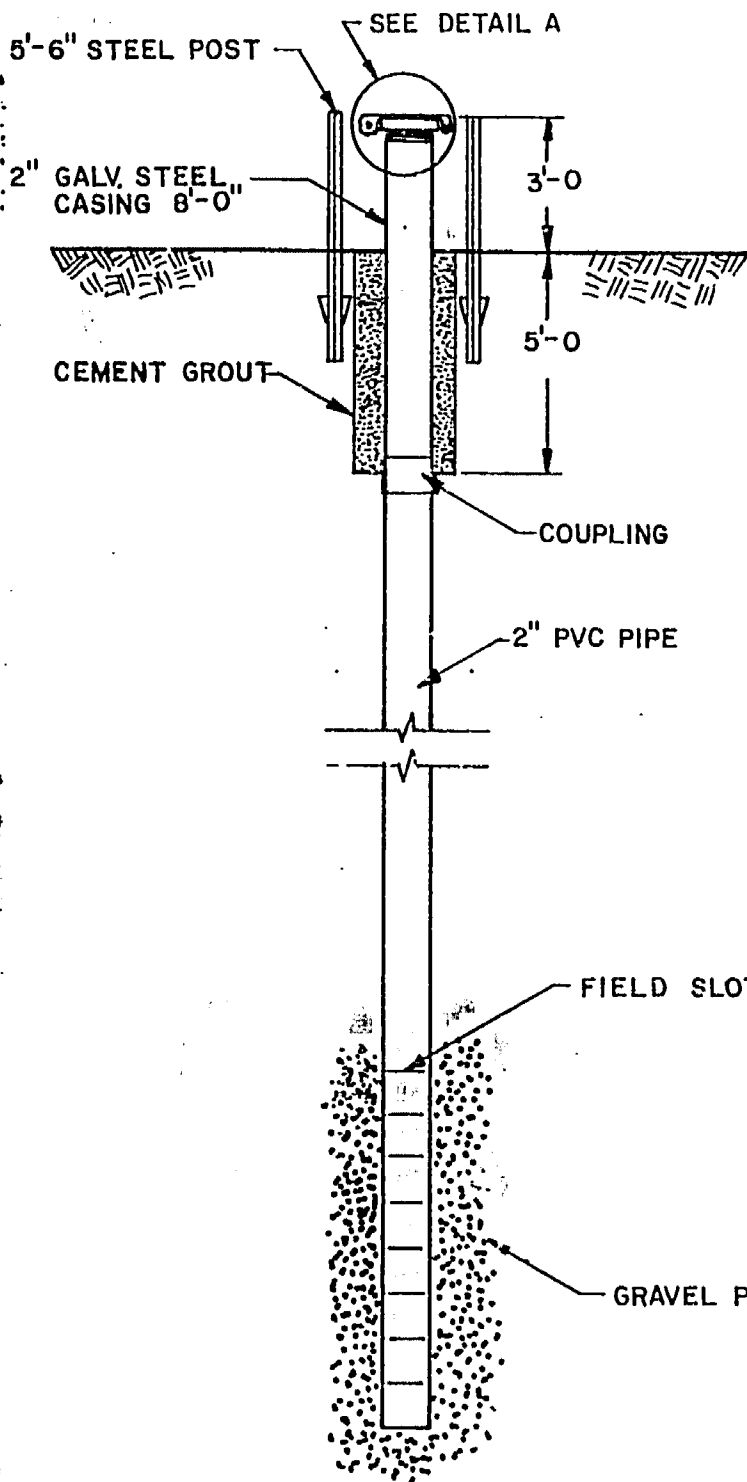


CLARK RWS WELL FIELD

SOUTH DAKOTA GEOLOGICAL SURVEY

E. Log: \_\_\_\_\_ Samples: \_\_\_\_\_  
Source of Data: Driller: T. Kenyon (Combination Rig) Geologist: S. Birch

| Geologic Unit | Thickness | Lithologic Description                                                                      | From - to Feet |
|---------------|-----------|---------------------------------------------------------------------------------------------|----------------|
|               | 20        | Sand - yellow brown, medium to coarse                                                       | 0 - 20         |
|               | 28        | Sand - yellow brown;<br>Median grain size appears to be very coarse sand with granules.     | 20 - 48        |
|               | 4         | Sand - gray; very coarse with granules.                                                     | 48 - 52        |
|               | 17        | Clay - yellow brown                                                                         | 52 - 69        |
|               | 9         | Glacial till - medium gray clay matrix with an assortment of very coarse sand and granules. | 69 - 78        |
|               |           | T.D. = 78 feet                                                                              |                |
|               |           | Installed 40 feet of PVC (2-inch) pipe with the lowermost 20 feet slotted by hicksaw.       |                |
|               |           | Soil 21' - 1 1/2"                                                                           |                |



PLAN

DETAIL A

# PERMANENT OBSERVATION WELL



DeWitt Grant Reckert & Associates Co.  
Architecture Engineering Planning

Rock Springs, Iowa  
Sioux City, Iowa  
Sioux Falls, South Dakota

Des  
Drawn  
Approved  
Revised

AUG., 1979

CLARK RURAL  
WATER SYSTEM

2308-3  
4384-3

Water Rights, Water Management Division  
(605) 773-3352

June 16, 1980

David Hallman  
DeWild, Grant, Rickert & Associates  
315 First Avenue  
Rock Rapids, IA 51246

RE: Clark RWS  
DGR Project #27145

Dear Dave:

Your letter indicates that an irrigation well was constructed approximately 1/4 mile east of your #1 well.

Merritt A. Seefeldt holds Permit No. 2308-3, and it calls for a well to be located N 15° 30' E, 820 feet from the SW corner, Section 30, T116N, R57W. While this is closer than allowed under your Permit No. 4384-3, we would not anticipate problems. We will discuss with the Board the possibility of allowing closer spacing. Perhaps it would be well if you could get a letter from Mr. Seefeldt similar to the one you obtained for relief from the 1/2 mile spacing on your #4 well site.

Should you have further questions, feel free to contact this office.

Sincerely,

BURTON F. JONES  
Water Rights Specialist IV

BFJ/bat

cc: William Altfillisch  
Clark RWS, Inc.  
Clark, SD 57225

Dave Halman - Engr.  
Clark RWS 712-472-2531  
is send letter re: an irrigation well  
put in quarter of mile East of  
their #1 well. One of the  
directors called and express some  
concern since they deleted well  
#2 & 3 from CRWS w/Permit.  
Halman is sending a letter <sup>about</sup> this  
but wanted to call to make sure  
it would be checked out.

116/115-57  
1/2 mi spacing this is quarter mile away

## CLARK COUNTY RWS.

WHEN THE APPLICATION N<sup>o</sup> 4384-3, STEVE BURCH OF THE S.D. GEOLOGICAL SURVEY INDICATED HE DID THE FIELD WORK FOR THE CLARK COUNTY RWS. HE INDICATED THERE ARE ABOUT 17 OBSERVATION WELLS IN THE AREA, AND THAT THERE APPEARS TO BE ADEQUATE RECHARGE IN THE AREA, AND THAT WITH PROPER MANAGEMENT, THE RWS & THE IRRIGATORS SHOULD BE ABLE TO WORK TOGETHER. MR BURCH ALSO STATED THAT IT WAS A WATER TABLE AQUIFER, AND THERE SHOULD NOT BE A PROBLEM WITH  $\frac{1}{4}$  MILE SPACING.

SEE MARCH 28-29, 1979 MINUTES - PAGE 60

AGREEMENT AND WAIVER

This Agreement and Waiver made and entered into on this 24<sup>th</sup> day of October, 1979, by and between Larkin Potato Company, Inc., a corporation, of Clark, Clark County, South Dakota, hereinafter referred to as First Party, and Clark Rural Water System, Inc., a South Dakota non-profit corporation, of Clark, Clark County, South Dakota, hereinafter referred to as Second Party.

WHEREAS, on April 12, 1979, the Water Resources Commission of the State of South Dakota approved a Water Right Application for Water Right Permit #4384-3 which, in part, provided as follows:

"The wells approved under this permit will be located near domestic wells and other irrigation wells which may obtain water from the same aquifer. The well owner, under this permit, shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in irrigation wells having prior water rights."

"The wells approved under this permit, must be spaced so there is at least one-half mile between high capacity wells.";

and whereas the Water Right Application was approved on March 28, 1979 and recorded in Book 20 on page 301 and whereas the Water Resources Commission did on April 12, 1979 grant and issue to Clark Rural Water System, Inc., Water Right Permit #4384-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the application and as modified in the Water Right Application approval subject to certain limitations and conditions as contained in Water Right Permit #4384-3; and

WHEREAS First Party, Larkin Potato Company, Inc., is the owner of the following described real estate situated in Clark County, South Dakota, to-wit:

The Northwest Quarter (NW¼) of Section Seven (7), in Township One Hundred Fifteen (115) North, of Range Fifty-seven (57), West of the 5th P. M., Clark County, South Dakota,

and First Party has a producing irrigation well situated upon said real estate last above described; and

WHEREAS, the permit issued to Second Party pursuant to Clark Rural Water System, Inc. application #4384-3 includes the right to establish a production well located upon the following described real property which is owned or will be owned by Second Party, to-wit:

The West Five Hundred Thirty-two (W 532') feet of the South Two Hundred Sixty-four (S 264') feet of the South Half (S½) of Section Seven (7), in Township One Hundred Fifteen (115) North, of Range Fifty-seven (57), West of the 5th P. M., Clark County, South Dakota,

which permit provides that wells approved under permit #4384-3 must be spaced so there is at least one-half mile between high capacity wells, and

WHEREAS the said production well to be drilled or constructed by Second Party upon the real estate owned or to be owned by Second Party last above described is a distance of approximately 2,466 feet distant from the existing irrigation well of First Party situated upon the real estate owned by First Party first above described; and

WHEREAS, the parties hereto are desirous of allowing a production well to be drilled or constructed by Second Party upon the land owned or to be owned by Second Party above described even though the irrigation well of First Party and the production well of Second Party to be constructed may be less than one-half mile apart; now, therefore;

In consideration of the premises and in consideration of One (\$1.00) Dollar and other good and valuable consideration, receipt of which is acknowledged by First Party, the First Party hereby waives any and all rights that it would otherwise have

pursuant to the final decision of the Water Resources Commission of the State of South Dakota as contained in Water Right Application Approval approved on March 28, 1979 and recorded in Book 20 on page 351 and Water Right Permit #4384-3 dated April 12, 1979 and all rights or remedies at law, in equity or through administrative proceedings which it might otherwise have against Second Party.

That First Party does hereby expressly waive any rights that it may have with respect to the requirement under Water Right Permit #4384-3 to the effect that the well approved under said permit must be spaced so that there is at least one-half mile between high capacity wells, and First Party does hereby expressly agree that it will support a modification of said existing Water Right Permit so as to allow a production well to be drilled or constructed not closer than 2400 feet from any existing high production well.

It is not the intention of this Waiver to release the Second Party, its successors or assigns from any future negligence, acts or omissions except as the same might pertain to the matters set forth in this instrument, it being understood that this Waiver does apply to any production well to be drilled or constructed as well as to any well which may be constructed in the future as a replacement of an existing well of the Second Party.

It is further understood and agreed that this Waiver and the obligations of First Party pursuant hereto shall run with and be appurtenant to said real estate of said First Party, Larkin Potato Company, Inc., which real estate is particularly described hereinbefore in this instrument.

It is further understood and agreed that the rights and obligations of Second Party may be assigned by Second Party, it being fully understood and agreed that the Second Party shall

first give First Party written notice of any such assignment.

It is understood and agreed that notwithstanding the provisions of this Agreement and Waiver, if at any time water level measurements of the well of Clark Rural Water System, Inc. and First Party's irrigation well above referred to and observation wells within the influence of such two wells show that the Clark Rural Water System, Inc.'s well situated upon the above mentioned property owned or to be owned by Second Party affects the water level in First Party's irrigation well above mentioned, Second Party will decrease or stop pumping water from Second Party's said production well until there is no longer any effect upon First Party's well.

It is understood and agreed that this Agreement and Waiver shall extend to and be binding upon the parties hereto and their successors and assigns.

IN WITNESS WHEREOF, the parties hereto have set their hands the day and year first above written.

LARKIN POTATO COMPANY, INC.,  
a corporation

By: *Charles J. Smith*  
Its President

First Party.

CLARK RURAL WATER SYSTEM, INC.,  
a South Dakota non-profit corporation

By: *Charles K. Beck*  
Its President.

Second Party.

(CORPORATE SEAL)

(CORPORATE SEAL)

STATE OF SOUTH DAKOTA )  
 ) SS  
COUNTY OF CLARK )

On this the 24<sup>th</sup> day of October, 1979, before me,  
Keith A. Warren, the undersigned officer,  
personally appeared Charles A. Long, who  
acknowledged himself to be the President of Larkin Paper Company,  
Inc., a corporation, and that he, as such President, being autho-  
rized so to do, executed the foregoing instrument for the pur-  
poses therein contained, by signing the name of the corporation  
by himself as President.

In witness whereof I hereunto set my hand and official  
seal.

(SEAL)

Keith A. Warren  
- Notary Public  
Clark County, South Dakota.

My commission expires

January 21, 1981

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STATE OF SOUTH DAKOTA )  
 ) SS  
COUNTY OF CLARK )

On this the 24<sup>th</sup> day of October, 1979, before  
me, Keith A. Warren, the undersigned officer,  
personally appeared Charles A. Long, who  
acknowledged himself to be the President of Clark Rural Water  
System, Inc., a South Dakota non-profit corporation, and that he,  
as such President, being authorized so to do, executed the fore-  
going instrument for the purposes therein contained, by signing  
the name of the corporation by himself as President.

In witness whereof I hereunto set my hand and official  
seal.

(SEAL)

Keith A. Warren  
- Notary Public  
Clark County, South Dakota.

My commission expires

January 21, 1981



12. Principal Features of Proposed Water Supply System (continued)

D. Well Information or Estimates

- (1) Drill Hole, Diameter 18 inch, Depth 55 feet
- (2) Casing, Type steel (wood, concrete, steel, etc), Diameter 12-inch, Thickness 0.25 inch
- (3) Perforated Screen.  
Type stainless steel, Diameter 12", Length 10'
- (4) Gravel Pack. Thickness 3 inches, Length of gravel pack 35 feet

E. Dugout Information or Estimates. N/A

- (1) Surface dimensions \_\_\_\_\_, Depth \_\_\_\_\_

F. Fill out for Either a Well or a Dugout. N/A

- (1) Water Bearing Materials. (Please attach a copy to test well log if available.)

Character of Water bearing materials \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Depth to top of water bearing material \_\_\_\_\_

Depth to bottom of water bearing material \_\_\_\_\_

Thickness of water bearing material \_\_\_\_\_

Depth to water (ground surface to water level) \_\_\_\_\_

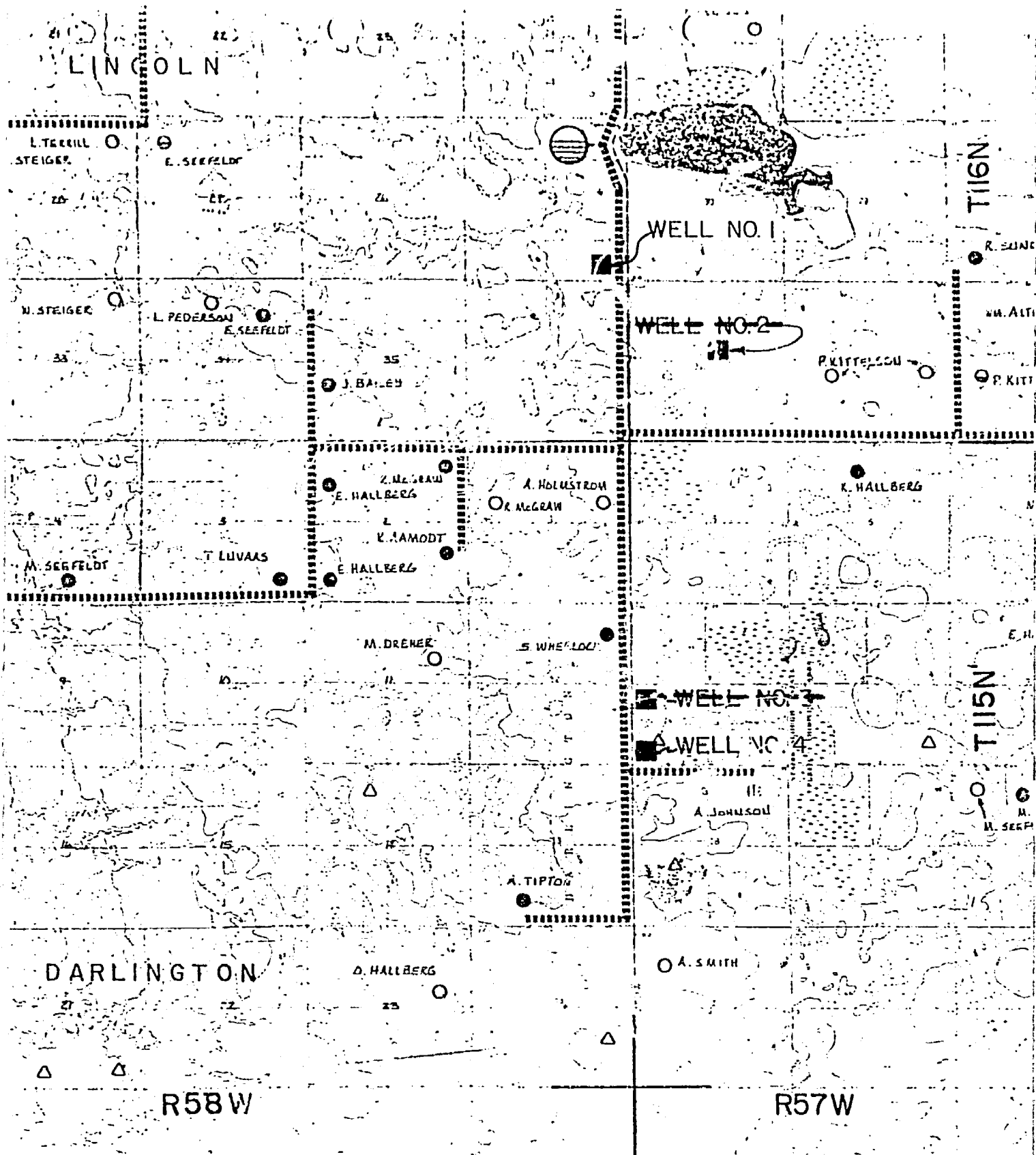
- (2) Distance to nearest existing household or livestock watering wells.

On same owner's property \_\_\_\_\_ rds. On property owned by others \_\_\_\_\_ rds.

G. Water Storage Dams. N/A

If the proposed water use system contains one or more water storage dams, please show in the space below, the height, maximum water depth, surface area and storage capacity of each storage dam. The location of each water storage dam should be shown on the water right map.

X [Signature]  
Signature of Applicant



# CLARK RWS WELL FIELD

I, John M. Madden do hereby certify that this map identifies a reasonably accurate description of the proposed Clark RWS Well Field.

*John M. Madden*  
 John M. Madden, P. E.  
 So. Dak. Reg. No. 1787

25 February 1980



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

Attn: John Hatch

Re: Amended Water Right  
Clark Rural Water System, Inc.

Dear Mr. Hatch:

With reference to discussions with our engineers in October, 1979 concerning Water Right Permit #4384-3, the attached information is submitted for your review and appropriate action:

1. Amended water right application: Removes well sites 2 and 3, reduces total amount of water claimed from 2.4 cfs to 2.0 cfs, and provides the most recent estimated total project cost.
2. With regard to Well Site #4, the test well constructed and test pumped is approximately 200 feet less than one-half mile from a high capacity well (Larkin irrigation well). Although the legal description for the point of diversion remains the same, it is our desire to have the restriction of the one-half mile spacing be modified to 2,400 feet. See attached "Agreement and Waiver" between Larkin Potato Company, Inc. and Clark Rural Water System, Inc. concerning the well spacing.

Should you have questions, please contact either myself or Dave Holman of DeWild Grant Reckert and Associates Co., Rock Rapids, Iowa.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Wm. Altfillish'.

Wm. Altfillish, Vice Chairman  
Clark Rural Water System, Inc.

cc: Larkin Potato Co., Inc.  
DeWild Grant Reckert & Assoc. Co.

Water Rights, Water Management Division  
(605) 773-3352

April 14, 1980

William Altfillish, Vice-Chairman  
Clark Rural Water System, Inc.  
Clark SD 57225

Dear Mr. Altfillish:

This will notify you that the Water Management Board approved your request to reduce the restriction between Well #4 and the existing Lackin Irrigation Well to 2400 feet.

The other changes you requested in your letter will be handled at the time of the final inspection.

If you have further questions, feel free to contact this office.

Sincerely,

BURTON F. JONES  
Water Rights Specialist

BFJ:kw

Sent  
Quane Ford? called re: Clark County Pass.

Re: Clark Co. etc -

712-472-2531

Said Suggett drilled this production well  
this summer and is not  $\frac{1}{2}$  mile from there  
well, if that well is affected are they going  
to be stopped. They have oil from other farms  
and sent in obj of Suggett etc, are they going  
to have to get an O.K. from everyone. Thought  
the matter had been resolved. The LWS Board  
is concerned about the  $\frac{1}{2}$  mi. passing etc.

(Has Suggett's well been drilled in right place  
specified on his permit?)

Will it be brought up to our Board to modify etc  
the LWS permit.

Su

4384-3

July 21, 1980

William Altfillisch  
Clark RWS Inc.  
Clark, SD 57225

Dear Mr. Altfillisch:

Your request regarding the one-half mile spacing between your well #1 and Merritt Seefeldt's Irrigation well will be discussed with the Water Management Board at 9:00 a.m. on July 24, 1980 at the Knelp Building in Pierre, SD.

Sincerely,

BURTON F. JONES  
Water Rights Specialist

BFJ/gy

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

4384-3  
2308-3

September 18, 1980

William Altfillisch  
Clark RWS, Inc.  
Clark SD 57225

Dear Mr. Altfillisch:

This is to inform you that the Water Management Board at their July 24, 1980 meeting, approved the spacing qualification between Seefeldt and the Rural Water System production wells on Permit No. 4384-3 be changed from 1/2 mile spacing to 1000 feet.

Very truly yours,

JOHN HATCH, Chief Engineer  
Water Rights Division

JH:BW:kw

cc: Merritt A Seefeldt & Sons, Clark SD

DeWild Grant Reckert & Associates Co.  
Consulting Engineers

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

600 Sioux City Federal Plaza Bldg  
Sioux City, Iowa 51101  
Telephone 712 277 3049

1113 East 14th Street  
Sioux Falls, South Dakota 57104  
Telephone 605 339 4157

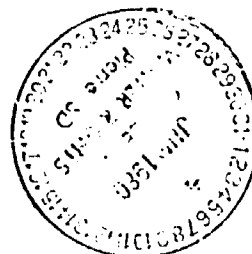
4384-3

2 June 1980

South Dakota Dept. of Water and Natural Resources  
Joe Foss Building  
Pierre, SD 57501

Attn: Burton Jones

Re: Clark Rural Water System  
DGR Project No. 27145



Dear Mr. Jones:

With reference to the above project, the amended water right of February 25, 1980, and your response of April 14, 1980, it has come to our attention that recently an irrigation well was constructed approximately one quarter ( $\frac{1}{4}$ ) mile east of Well No. 1 ( $S\frac{1}{2}$  of  $SE\frac{1}{4}$  of Sec. 25, T116N, R58W).

Not knowing any specifics regarding the irrigation well, we respectfully request your review and comment regarding its location and the resulting spacing, water rights issued, and any other specifics that you may have available.

Very truly yours,

DEWILD GRANT RECKERT  
& ASSOCIATES COMPANY

*David Holman*

David Holman

DH:mvb

cc: William Altfillisch



JUN 23 1997

4384-3

DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES

JOE FOSS BUILDING  
523 EAST CAPITOL  
PIERRE, SOUTH DAKOTA 57501-3181

Clark Rural Water System  
c/o Duane Stokes  
PO Box 162  
Clark SD 57225

Dear Mr. Stokes:

Enclosed are Water Permit Nos. 5974-3 and 5974A-3 and Water License No. 5974A-3 for the Clark Rural Water System. Water Permit No. 5974-3 has been divided to separate the new well from the existing developed wells.

Water Permit No. 5974-3 authorizes construction of a new well located in the SW 1/4 SE 1/4 Section 25-T116N-R58W. Along with the permit is a Form 10, *Notice of Completion of Works and Application of Water to Beneficial Use*, which needs to be submitted when the rural water system has completed the well and/or have put the water to beneficial use. An investigation of this permit can then be scheduled so the Water License may be issued.

Water Permit No. 5974A-3 authorizes the additional appropriation from the wells authorized by Water Permit Nos. 4384-3 and 4384-3A. Water License No. 5974A-3 incorporates the applicable portions of Water Permit Nos. 4384-3 and 4384-3A. The license investigation fee has been paid and the receipt is enclosed.

As long as the rural water system uses the water beneficially as stated in the permit and license, the rural water system has continuing right to use the water.

Very truly yours,

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

enclosures

4384-3A

# NOT TO SCALE

8.1 (1)

T-1607

T-3155  
Whiskey River  
Cattle Company

T-2290

T-3156

24

25

24

prepared by  
Norma C. Job  
Natural Resources Eng.  
Division of Water Rights

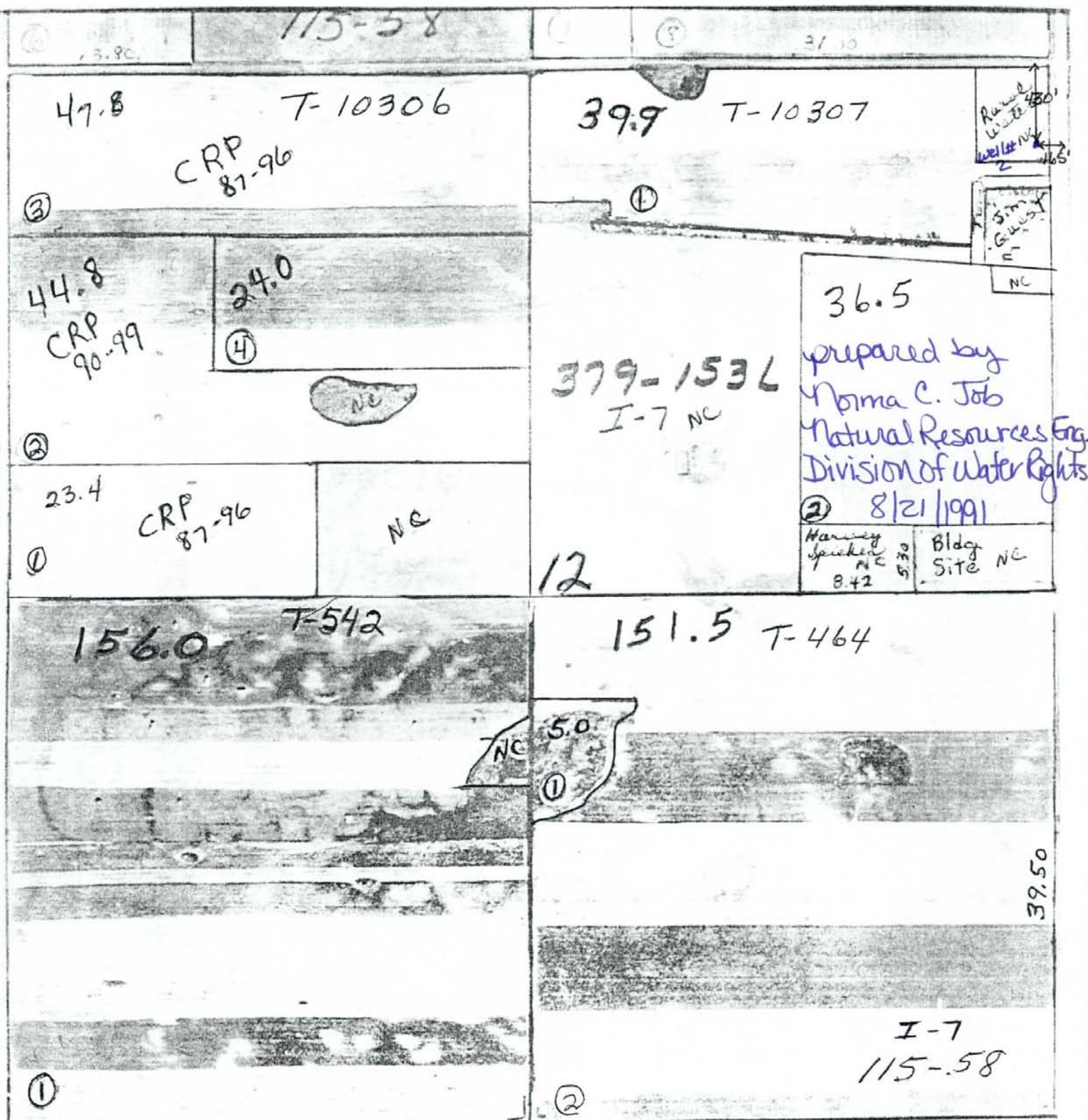
379-153R  
J-7 24

29.8/21/1991 543  
(1)  
25.7  
(2)

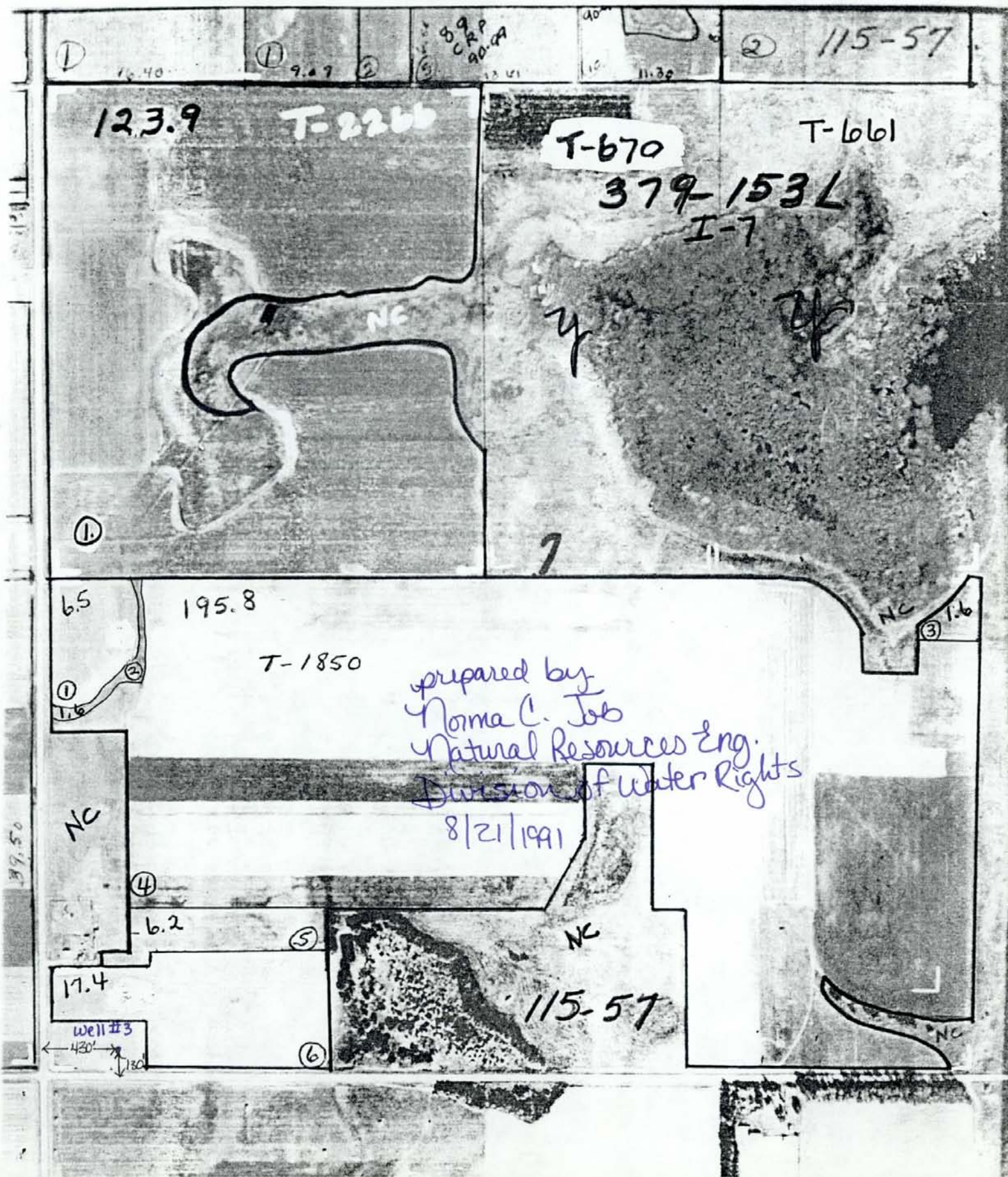
116-58

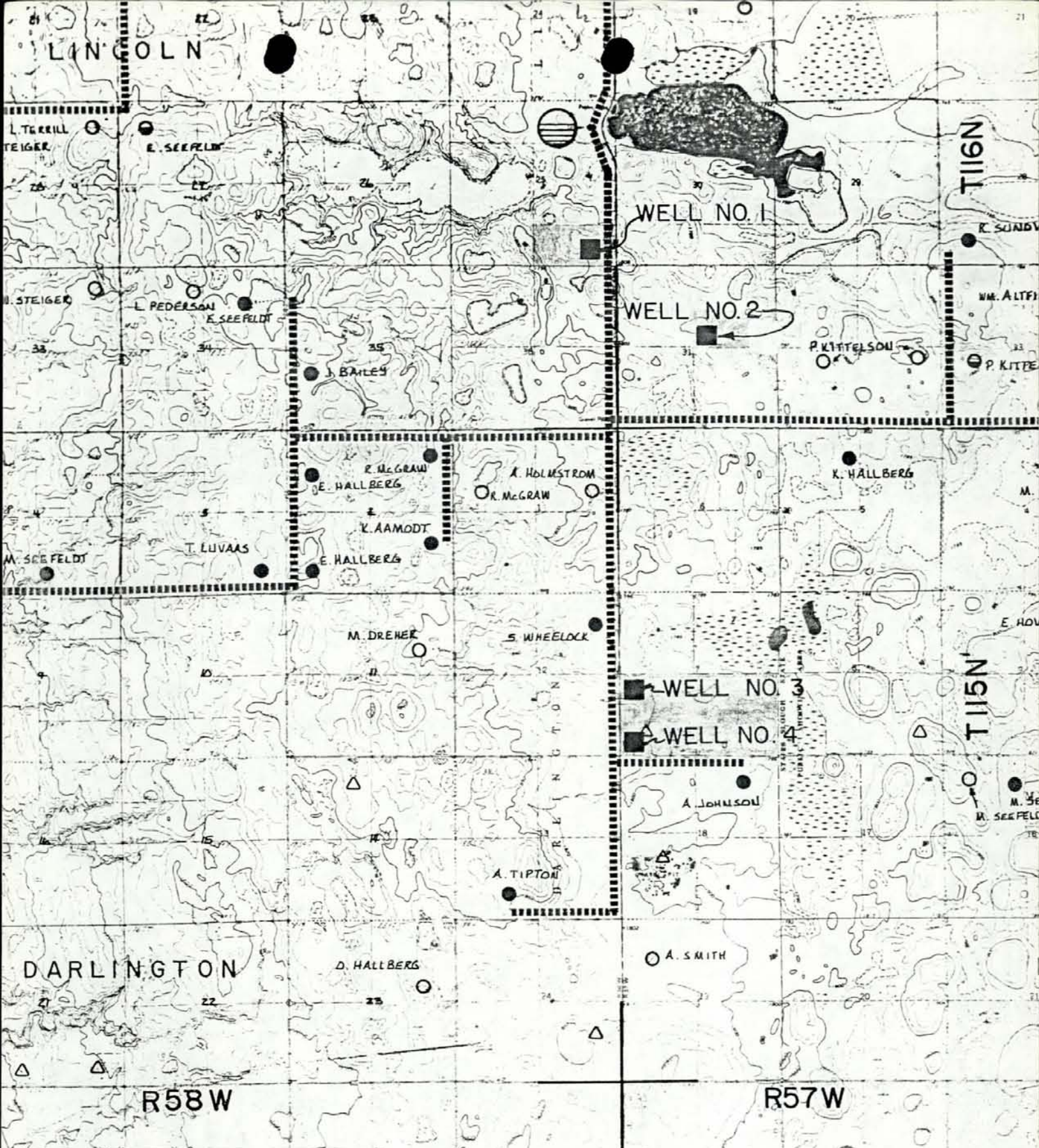
well #1  
460  
250

NOT TO SCALE



**NOT TO SCALE**





## CLARK RWS WELL FIELD

I, John M. Madden do hereby certify that this map identifies a reasonably accurate description of the proposed Clark RWS Well Field.

*John M. Madden*  
 John M. Madden, P. E.  
 So. Dak. Reg. No. 1787



~~MAP No. 3574-3~~

APPL. 4384-3