

1705-3

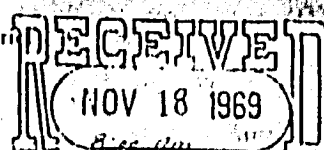
1. Considered MARCH 18, 19 70
2. Name of Applicant CITY OF HOSMER
3. Post Office Address _____
4. Amount of water claimed 0.27
5. Source of water supply GROUND WATER WELL
6. Water to be used for MUNICIPAL
Acres to be irrigated —
7. Water to be diverted and used in EDMUNDS county
about _____ miles _____ of IN CITY LIMITS
8. Proof of Publication
Received _____
Not received _____
9. Application
Approved _____
Subject to _____
Not Approved _____
Action deferred _____

10. Remarks:

No. 1705-3Map No. 1233-3Water Division No. 3JAMES RIVER

District

(Blanks to be filled by the Engineer for the W. H. C.)

STATE WATER RESOURCES COMM.
SIOUX FALLS, SOUTH DAKOTA

APPLICATION FOR PERMIT

To Appropriate Water within the State of South Dakota

(NOTE-Draw a line through items not applicable)

1. Name of Applicant CITY OF HOSMER
Postoffice address HOSMER, State SOUTH DAKOTA
If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) CONTRACT
3. Name of diversion work MUNICIPAL WELL
4. Amount of water claimed (cubic feet per second) 0.27 CFS
5. Source of water supply WELL SUPPLY
6. Location of point of diversion CITY OF HOSMER at two points in the NE¹ NW¹ Section 10, T124N, R72W
County EDMUNDS
7. Annual period or periods during which water is to be used YEAR ROUND
8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) MUNICIPAL
9. For irrigation use, _____ Total number of acres to be irrigated 37
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 0.2 years. Additional time required to complete application of water to the proposed beneficial use 0 years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication Bowdle Pioneer, Bowdle, S. Dak. X
12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source.
WELLB. Works proposed to transport water to place of use.
WATER MAINC. Works proposed to apply water to beneficial use.
MUNICIPAL WATER SYSTEMEstimated Total Cost \$ 24,000.00Attachments: 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 EDMUNDSI, EMIL J. AMAN, 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

Emil J. Aman, MayorSubscribed and sworn to before me this 4TH day of NOVEMBER 1969

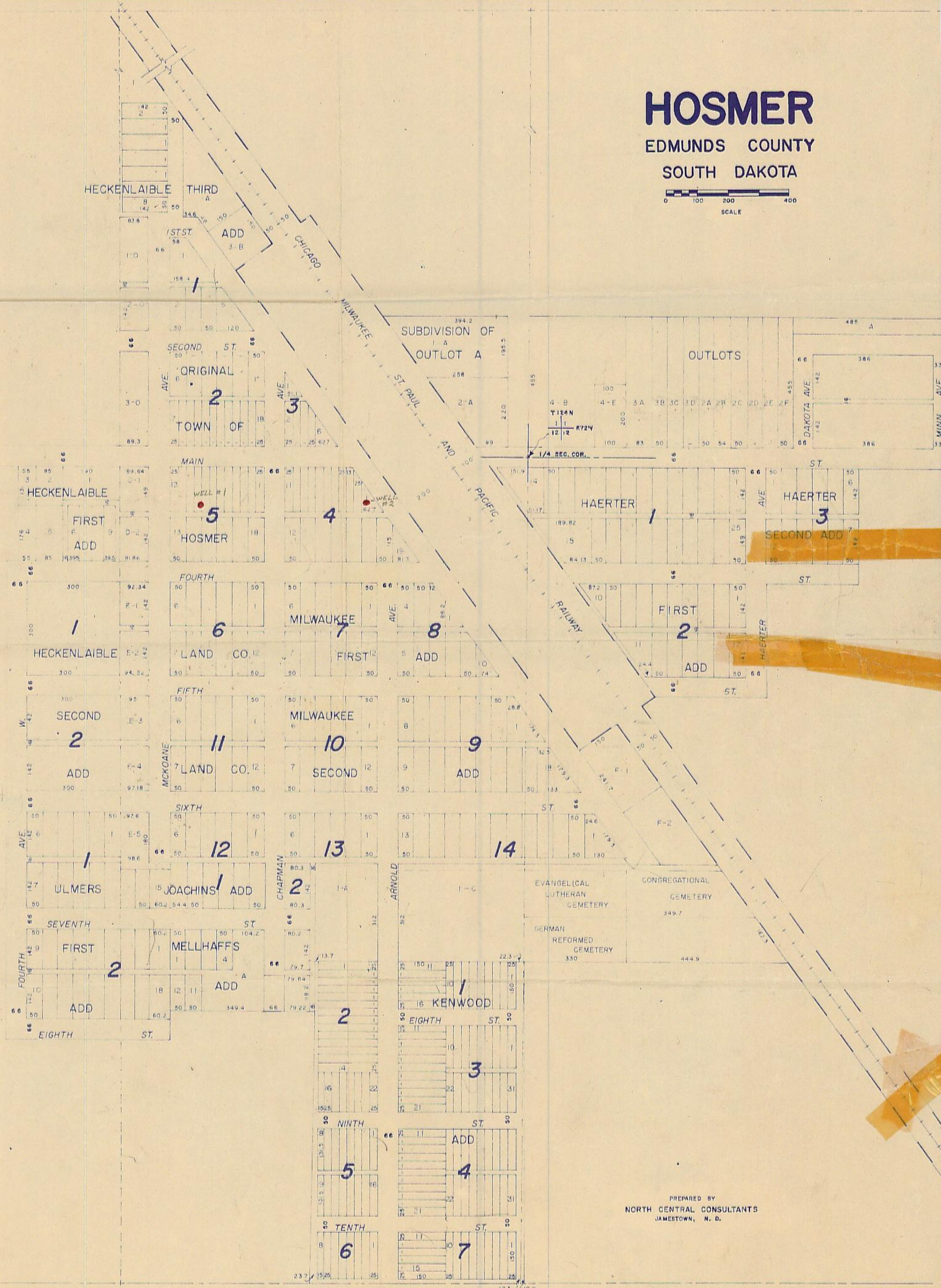
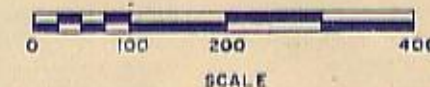
Notary Public (or other qualified officer)



HOSMER

EDMUNDS COUNTY

SOUTH DAKOTA



PREPARED BY
NORTH CENTRAL CONSULTANTS
JAMESTOWN, N. D.

MAP NO 1705-3

WATER RIGHT APPLICATION APPROVAL

The Water Resources Commission hereby approves Water Right Application No. 1705-3

CITY OF HOSMER

(Applicant)

(Post Office Address)

SOUTH DAKOTA

(State)

With the following modifications:

Date of first receipt of application NOVEMBER 18, 19 69

Date of return to applicant for correction, amendments or changes required -, 19 -

Date of receipt of corrected application -, 19 -

Approved MARCH 18, 19 70, Recorded in Book 11 Page 148

WATER RIGHT PERMIT NO. 1705-3

The Water Resources Commission hereby grants and issues this Water Right Permit No. 1705-3 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 NOVEMBER 18, 19 69
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before COMPLETED, 19 -
3. The whole of said work is to be completed on or before COMPLETED, 19 -
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is COMPLETED, 19 -
5. The water appropriated shall be used for the purpose of MUNICIPAL USE

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 27 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 if for the irrigation purposes said appropriation must be limited to not more than 3 acre feet per acre per year and be limited to not more than one-seventieth (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 THIS DATE, 19 70; said water to be used during the following described annual period: CONTINUOUSLY

Witness my hand this 16TH day of JUNE, 19 70

WATER RESOURCES COMMISSION

By:

DeeL Prime

Chief Engineer, Executive Officer

Certificate of Construction Issued AUGUST 8, 19 72

Water License Issued AUGUST 8, 19 72

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

D. Well Information or Estimates

- (1) Drill Hole, Diameter 8", Depth 420 F.
- (2) Casing, Type STEEL Diameter 8" Thickness 0.322"
(wood, concrete, steel, etc)
- (3) Perforated Screen.
Type NONE, Diameter , Length
- (4) Gravel Pack, Thickness NONE, Length of gravel pack

E. Dugout Information or Estimates.

- (1) Surface dimensions , Depth

F. Fill out for Either a Well or a Dugout.

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

Character of Water bearing materials FRACTURED SLATE

Depth to top of water bearing material 300 FT.

Depth to bottom of water bearing material 420 FT.

Thickness of water bearing material 120 FT.

Depth to water (ground surface to water level) 88 FT.

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

On same owner's property 45 rds. On property owned by others rds.

G. Water Storage Dams

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.

Emil J. Omar Mayor
Signature of Applicant

WATER LICENSE NO. 1705-3

(1) WHEREAS, On the 18th day of November, A. D. 1969
the City of Rosmer

made Water Right Application No. 1705-3 for a permit to use .27 cubic feet per second of the waters
 of ground water

County of Edmunds, State of South Dakota, for municipal

purposes and

(2) WHEREAS, On the 16th day of June, A. D. 1970

Permit No. 1705-3 with a date of priority of November 18, 1969

was issued to said applicant for the diversion of said water, and provided for the completion of construction of the water
 supply system therein described on or before the completed day of completed, A. D. 1970 and for the
 application to beneficial use of said water on or before the completed day of completed, A. D. 1970.

and:

(3) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
 relating to completion of the construction of the water supply system and is entitled to divert .27 cubic feet
 per second of water for beneficial use and,

(4) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
 relating to the application of water to beneficial use of the following extent:

water is used for municipal purposes by the City of Rosmer

(5) NOW, THEREFORE, By the virtue of the authority vested in us by the laws of the State of South Dakota, We hereby grant and confirm to _____

the holder _____ and owner _____ of said permit No. 1705-3 a water right, dating from November 18, 1969 to use of .27 cubic feet per second of the waters of ground water

in the County of Edmunds and State of South Dakota, or so much thereof as may be necessary for the purposes hereinbelow mentioned, to be diverted at two points in the NE 1/4 NW 1/4, Section 12, T124N, R72W

and ~~xxxxxx~~ conducted through the city water distribution system

for the purpose of municipal use

Subject to any limitations listed in Water Right Permit No. 1705-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 8th day of August A. D.
Nineteen Hundred and Seventy-two

WATER RESOURCES COMMISSION

By:

Chief Engineer, Executive Officer J.W. GRINES

Form 15.

Permit No. 1705-3

Water Diversion No. 3 JAMES RIVER Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That the Co. of Hosmer

the holder of
Permit No. 1705-3, issued upon Application No. 1705-3, bearing date of priority of November 18,
1969 authorizing the diversion of .27 cu. ft. per second of the waters of
ground water County of Edmunds, State of South Dakota at
two points in the NE & NW, Section 12, T124N, R72W
, for municipal

purposes, has 8 complied with the provisions of the laws of the State of South Dakota relating to proof of
completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory
condition for diverting and conveying to the place of intended use .51 cu. ft. per second of water.

Date August 8, 1972

WATER RESOURCES COMMISSION

By:

J.W. GRIMES, Executive Officer

State of South Dakota)
)ss.
 COUNTY OF EDMUNDS)

Robert W. Holsworth of said County and State being duly sworn, on his oath says: That THE BOWDLE PIONEER is a weekly newspaper of general circulation, printed and published in Bowdle, in said County and State, by

Robert W. Holsworth and has been such newspaper during the times hereinafter mentioned; that said newspaper now has; has had during the publication of the attached advertisement, a bona fide circulation of a least two hundred copies weekly, and has been published within the said County of Edmunds fifty two successive weeks prior to the publications of said advertisement, and now is, printed either in whole or in part in an office maintained at said place of publication. The said newspaper is, and has been during the publication of the attached advertisement a legal newspaper as defined by the South Dakota Code of 1939, Chapter 65.03.

That I, Robert W. Holsworth the undersigned am editor of said newspaper and am in charge of the advertising therein, and have personal knowledge of all facts stated in this affidavit, and that the advertisement headed:

Notice of Intent to Appropriate Water

a printed copy of which is hereto attached, was printed and published in said newspaper *Three* successive issues,

The 1st publication being made on the *22nd* day of *Jan* 1970

The 2nd publication being made on the *29th* day of *Jan* 1970

The 3rd publication being made on the *5th* day of *Feb* 1970

The 4th publication being made on the _____ day of _____ 197

That the full amount of the fee charged for publication of the annexed notice insures to the benefit of the publisher of THE BOWDLE PIONEER; that no agreement or understanding for the division of the fee thereof has been made with any person, whomsoever. The fee charged for this legal publication is:

Ten Dollars *seventeen* cents (\$ *16.17*)

Robert W. Holsworth

Subscribed and sworn to before me this

9 day of *June* 1970

Notary Public, Edmunds County, South Dakota

Application No. 1705-3
NOTICE OF INTENT TO APPROPRIATE WATER
 Pierre, South Dakota 57501
 January 16, 1970
 Notice is hereby given that the City of Hosmer, South Dakota, has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use 27 cubic feet of water per second of time from the ground water through the municipal wells, the point of diversion of which is to be located in the NE 1/4 NW 1/4 of Section 12, Twp. 124N, Range 72W. Said water to be used for the purpose of providing municipal water supplies for the City of Hosmer.
 This application No. 1705-3 will be considered by the Water Resources Commission at their office at Pierre upon the 15th day of March, 1970, at 2:00 P. M. All interested persons may appear and be heard.
WATER RESOURCES COMMISSION
 By: Burton T. Jones,
 Water Rights Specialist
 Jan 22-29 Feb 5
 -H-

RECEIVED
 JUN 16 1970

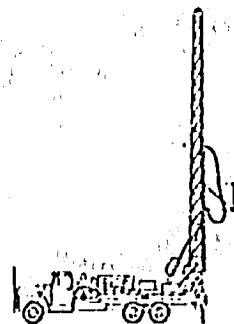
STATE WATER RESOURCES COMM.
 PIERRE, SOUTH DAKOTA

FLOYD A. MILLER
 NOTARY PUBLIC

My Commission Expires Feb. 9, 1978

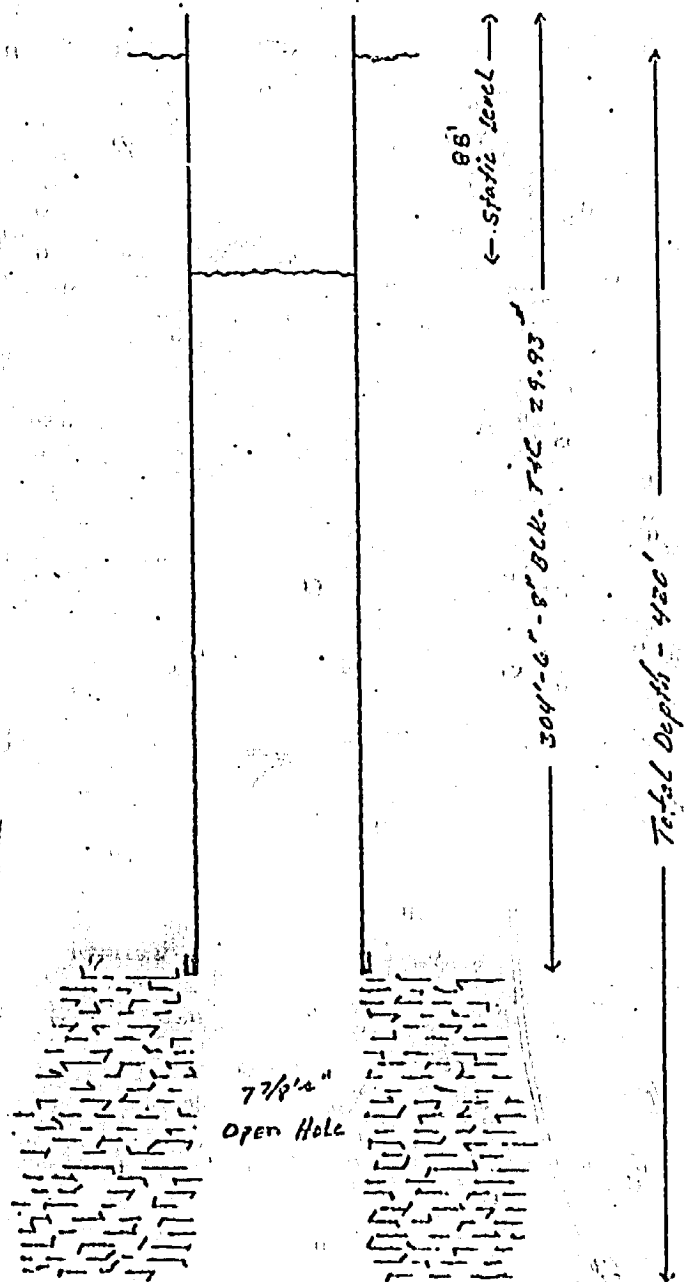
INDEPENDENT DRILLING COMPANY

421 SOUTH FIRST STREET ABERDEEN, SOUTH DAKOTA



MAILING ADDRESS: P. O. BOX 543
OFFICE PHONE: 229-0110

*City of Hosmer, So. Dak.
Completed 10-25-69*



DEEP WATER WELL DRILLERS

INDEPENDENT
DRILLING
CO.

Modern Rotary Rigs - All Managed By An Expert Operator

We Specialize In All Size Wells

COMPANY Spencer, Dr. Wells FARM — WELL NO. 2
 SEC. 12 TWP. 14 RGE. 23E LOC. 30 COUNTY Edwards STATE Pa.
 CONTRACTOR Independent Drilling Co. HOLE SIZE 1 1/4" DRILL PIPE 2 7/8"

REMARKS: Flow in - 10-11-69 SIZE PUMP LINERS 5" LENGTH STROKE 2'
Set up - 10-14-69 Only took casing 4:30 PM 10-21-69
Start Drilling - 10-15-69 Finished 7:15 1:30 PM 10-22-69
Casing Bottom - 12:30 PM 10-21-69

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS	DEPTH	TIME O'CLOCK	MIN.	REMARKS
0	4		Top Soil				
10	35		Yellow Clay				
35	55		Blue Clay				
55	75		Blue Clay - thin sand streaks				
75	95		Blue Clay - thin sand streaks				
95	110		Blue Clay - thin sand streaks				
110	120		Brown Sand				
120	130		Brown Sand				
130	140		Brown Sand - thin blue clay streaks				
140	150		Blue Clay - thin sand streaks				
150	160		Blue Clay - some fine sand streaks				
160	170		Blue Clay				
170	180		Blue Clay				
180	190		Blue Clay				
190	200		Blue Clay - Reddy				
200	210		Blue Clay - Reddy				
210	220		Blue Clay				
220	230		Blue Clay				
230	240		Blue Clay				
240	250		Blue Clay				
250	260		Blue Clay				
260	270		Blue Clay				
270	280		Blue Clay				
280	290		Blue Clay				
290	300		Sand - some blue clay streaks				
300	310		Very soft S. slate				
310	320		Hard Slate				
320	330		Hard Slate				
330	340		Hard Slate				
340	350		Hard Slate				
350	360		Hard Slate				
360	370		Hard Slate				
370	380		Hard Slate				
380	390		Hard Slate				
390	400		Hard Slate				
400	410		Hard Slate				
410	415		Hard Slate				
415	418		Slate - some sand streaks				
418	420		Slate - grey S. with red del.				
			Total Depth 420'				

Form from log

Water Supply Improvement - Part I Blasmer, S. Dak.

Independent Drilling Co., Inc.
October - 1969

Time - Date	Depth to Water	Seconds to fill 50 gallon	G.P.M.	Remarks
10-24-69	-	-	-	-
10:00 AM	112'	39	81	clear
10:15	122'	31	96	cloudy Increase RPM
10:30	122'	31	96	cloudy
10:45	122'	31	96	cloudy
11:00	122'	31	96	cloudy cloudy
11:15	127'	29	103	Increase RPM
11:30	127'	29	103	cloudy
11:45	127'	29	103	cloudy
12:00	127'	29	103	cloudy
12:15 PM	122'	29	103	clear
12:30	122'	29	103	clear
12:45	122'	29	103	clear
1:00	122'	29	103	clear
1:15	122'	28	107	clear
1:30	122'	29	103	clear
1:45	122'	29	103	clear
2:00	123'	29	103	clear
2:15	123'	29	103	clear
2:30	123'	29	103	clear
2:45	130'	23	130	Increase RPM cloudy - slate flakes + chips
3:00	131'	23	130	slate chips cloudy -
3:15	132'	23	130	slate chips cloudy -
3:30	132'	23	130	slate chips
3:45	132'	23	130	clear
4:00	132'	23	130	clear
4:15	132'	23	130	clear
4:30	133'	23	130	clear
5:00	134'	23	130	clear
5:30	134'	23	130	clear
6:00	134'	23	130	clear
6:30	134'	23	130	clear
7:00	134'	23	130	clear
7:30	134'-6"	23	130	clear

24 HOUR PUMP TEST

All water levels
measured from top
of 8" casing -

Test Pump: vertical turbine

column - 4"

Bowls - 4"

Total Setting - 220'

Water level rise probably due
to shut down of city well @
12:00 noon

cloudy - slate flakes + chips

Recovery - 2nd Well

Time & Date	Depth to Water	Seconds to fill 55 Gallon	G. P. M.	Remarks
8:00	134'-6"	23	130	clear
8:30	134'-6"	23	130	clear
9:00	134'-6"	23	130	clear
9:30	134'	23	130	clear
10:00	134'	23	130	clear
10:30	134'	22	130	clear
11:00	134'	23	130	clear
11:30	134'	23	130	clear
12:00	134'	23	130	clear
10-25-19	—	—	—	—
12:30	134'	23	130	clear
1:00	134'	23	130	clear
1:30	134'	23	130	clear
2:00	134'	23	130	clear
2:30	134'	23	130	clear
3:00	134'	23	130	clear
3:30	134'	23	130	clear
4:00	134'	23	130	clear
4:30	134'	23	130	clear
5:00	134'	23	130	clear
5:30	134'	23	130	clear
6:00	134'	23	130	clear
6:30	134'	23	130	clear
7:00	134'	23	130	clear
7:30	134'	23	130	clear
8:00	133'-6"	23	130	clear
8:30	133'-6"	23	130	clear
9:00	133'-6"	23	130	clear
9:30	133'-6"	23	130	clear
10:00	134'	23	130	clear
10:15	136'	23	130	clear
10:30	139'	23	130	clear
10:45	140'	23	130	clear
11:00	141'	23	130	clear

TIME	DEPTH
8:00	93'
11:00	91'-6"
11:30	90'
11:50	90'
11:50	89'
2:00 PM	88'

* City well turned in @ 10:45 AM
 Pumping level started to
 drop immediately with both
 pumps running.
 * Shut-down test.

DATE RECORDED

12-22-69

Water Supply Improvements - Part I

Neenah, La. Dab.

Date	Time	Depth
10-24-69	12:00	-
12:15	12:15	110'
	12:30	94'
	1:30	94'
	2:30	94'
	3:00	90'
	4:00	92'
	5:00	92'
	6:00	92'
	7:00	92'
	8:00	92'
	9:00	92'
	10:00	92'
	11:00	92'
12-25-69	12:00	92'
	1:00	92'
	2:00	92'
	3:00	92'
	4:00	92'
	5:00	92'
	6:00	92'
	7:00	92'
	8:00	92'
	9:00	92'
	10:00	92'

Started pumping test on new well 10:00 a.m. 10-24-69

City well pump shut down

@ 12:00 noon - 10-24-69

*** Figures in "Depth" column reflect "feet of water above bottom of air-line".

City well drilled in 1947 used as observation well.

End of Test

