

WATER PERMIT NO. 7032-3

Name of Applicant: **Brown Co. Sanitary Landfill**

Address: **13225 279th Ave, Aberdeen SD 57402**

Phone: **605 626-4019**

Amount of Water Claimed: **1.9 cfs**

Total Acres: **NA**

Source of Water Supply: **groundwater**

Water to be used for: **dewatering project**

County: **Brown**

Type of Waste Disposal System:

Location: **5 miles west of Aberdeen**

PRIORITY Date Received: **5-1-08**

Application/License Fee: **\$525**

Corrected Application Received: **5-8-08**

Period of Annual Use: **January 1 – December 31**

Remarks:

Diversion Point: **NW ¼ Sec 14-T123N-R65W**

Land to be Irrigated: **NA**

Depth of Well:

Well Driller:

Remarks:

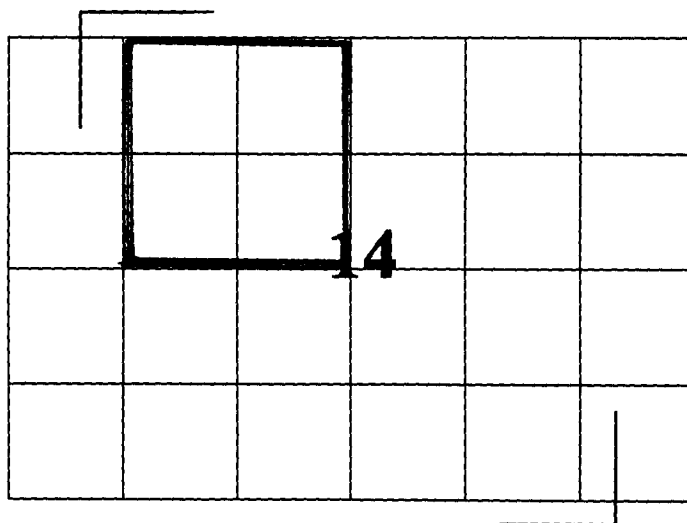
Type of Map: **topo**

Prepared by: **Mitch Kannenberg, PE**

Reviewed and the Number Assigned on: **5-8-08**

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____



FORM 2: Application for uses other than irrigation
(type or print)

RECEIVED

MAY - 1 2008

WATER RIGHTS
PROGRAM

Mail to:
Water Rights Program
Joe Foss Building
523 E. Capitol
Pierre, SD 57501-3181
(605) 773-3352

(office use only)
No. 7032-3 Hydrologic Unit 10160003
Basin James River
Newspaper American News PO Box 4430
665-225-4100 Aberdeen 57402

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

Check use(s) of water:

- | | | | |
|---|---|---|--|
| ☐ Municipal | ☐ Suburban Housing | ☐ Recreational | ☐ Institutional |
| ☐ Rural Water System | ☐ Commercial | ☐ Fish & Wildlife | ☐ Geothermal Heat |
| ☐ Domestic (over 18 gpm) | ☐ Industrial | ☒ Other <u>Dewatering for Landfill Construction</u> | |

Type of Application:
(check one)

- ☒ New ☐ Vested Right (Use predates Mar 2, 1955) ☐ Future Use Reservation
☐ Place to Beneficial Use Water Reserved by Future Use Permit No. _____
☐ Amendment/Correction to Permit No. _____

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)

1. Name of Applicant Brown County Sanitary Landfill Phone (605) 626-4019
(check one) ☐ Owner ☐ Tenant/lessee
Mailing Address 43225 370th Avenue, PO Box 2137 Aberdeen State SD 57402
(Street, RR, or Box and City) (Zip Code)
2. Amount of water claimed 1.9 *CFS or 850 **GPM ***AF
(*Cubic Feet per Second) (**Gallons per Minute) (**Acre Feet - storage capacity of dam/dugout or annual use if applicable)
3. Source of water supply Buried glacial outwash approximately 20 feet below land surface
4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Brown
10 to 35 vertical wells, or horizontal well or wells, enough to dewater for construction in NW1/4, Section 14, T123N, R65W
5. County or counties where water will be used Water will be discharged to un-named intermittent stream
6. Annual period during which water is to be used January 1 through December 31
7. Give a description of the 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)

Two new landfill cells are to be constructed in the NW1/4 of Section 14. The available information indicates the buried outwash is completely contained within the NW1/4 of Section 14. The outwash will be de-watered, the northern portion of it will be excavated, and de-watering will continue as long as required for landfill operation, cell closure and compliance monitoring.

STATE OF SOUTH DAKOTA)

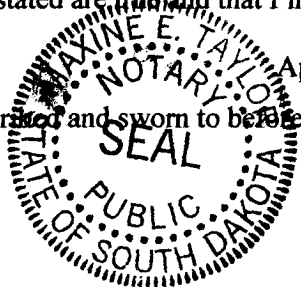
County of Brown

Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Attach map and any other technical information. (see instructions)

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

Applicant's signature _____

Subscribed and sworn to before me this 29 day of August 2008



Maxine E. Taylor
Notary Public signature

My Comm. Expires 8-10-12

**SOUTH DAKOTA
WATER PERMIT NO. 7032-3**

Date of first receipt of application May 1, 2008.

Date of return to applicant for corrections, amendments or changes May 2, 2008.

Date of receipt of corrected application May 8, 2008.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 7032-3 to Brown County Sanitary Landfill, PO Box 2137, Aberdeen SD 57402 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 7032-3 appropriate 1.9 cubic feet of water per second from 10 to 35 wells to be completed into the Pleistocene Unknown Aquifer (approximately 30 to 40 feet deep) located in the NW 1/4 Section 14-T123N-R65W. Water will be discharged to an un-named intermittent stream.
2. The water appropriated shall be used to dewater the expansion area of the County landfill and may not exceed the amount of water needed for beneficial use.
3. The water is to be used during the following described annual period: January 1 – December 31.
4. The date of approval of Permit No. 7032-3 is July 28, 2008.
5. The date from which applicant may claim right is May 1, 2008.
6. One-fifth of the construction is to be completed on or before January 28, 2011.
7. All construction is to be completed on or before July 28, 2013.
8. Water is to be put to beneficial use on or before July 28, 2017.
9. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The wells approved under this Permit will be located near domestic wells and other 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 adequate wells having prior water rights.
2. The wells authorized by Permit No. 7032-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.

WATER MANAGEMENT BOARD

By: Garland Erbele
Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

AUG 19 2008
date



(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter _____ Depth _____
- b) Casing Type _____ Diameter _____ Thickness _____
- c) Screen Type _____ Diameter _____ Thickness _____
- d) Gravel Pack _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material _____ 15-to-30 feet
- f) Depth to Water (ground surface to water level) _____ 10-to-23 feet
- g) Distance to nearest existing domestic well:
- On applicants property _____ On property owned by others 3,900 feet

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) _____
- b) System Capacity (gallons) _____ Year Constructed _____
- c) Connected to the City of _____ Sanitary System

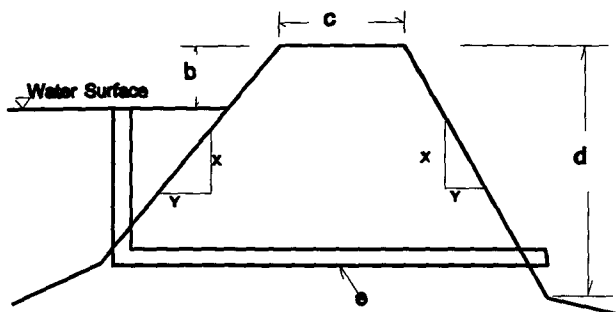
3. Dugout Information

- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

4. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:



- b) Freeboard _____
- c) Crest Width _____
Crest Length _____
- d) Height _____
- e) Primary Outlet Capacity _____
If pipe, diameter _____
- f) Secondary Spillway Capacity _____
Spillway Width _____
- g) X & Y Slope _____
Upstream _____
Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage _____ Acre Feet
- j) Drainage Area Above Dam _____ Acres



MAY - 1 2008

**WATER RIGHTS
PROGRAM**

NOV. 2006

FIGURE 1 SITE LOCATION MAP

LOGIC INVESTIGATION FOR LANDFILL EXPANSION
BROWN COUNTY SANITARY LANDFILL
SOUTH DAKOTA

89898

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 5/8, 2008

RECEIVED OF Brown County Sanitary Landfill LBG 140 E Hinks Ln #126 Sioux Falls SD

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

57104

Fee for Application for Permit No. _____ to Appropriate Water, to construct 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. <u>7032-3</u>		
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	50 00

No.

03009

By

Stanley Erbe
Chief Engineer

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 5/1/, 20 08

RECEIVED OF Brown Co. Treasurer ABerdeen SD 57401

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

Fee for Application for Permit No. <u>7032-3</u> to Appropriate Water, to construct and to put water to beneficial use	475	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 _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	475 00

No.

03004

By

Michael T. White

Chief Engineer

LEGGETTE, BRASHEARS & GRAHAM, INC.

**PROFESSIONAL GROUND-WATER AND
ENVIRONMENTAL ENGINEERING SERVICES**

140 EAST HINKS LANE, SUITE 126
SIOUX FALLS, SD 57104
605-334-6000
FAX 605-334-1850
www.lbgweb.com

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MAY - 1 2008

**WATER RIGHTS
PROGRAM**

April 23, 2008

Mr. Garland Erbele, PE
Chief Engineer
Water Rights Program, DENR
Joe Foss Building
Pierre, SD 57501-3181

**RE: Water Right Permit Application
Brown County Sanitary Landfill
13225 379th Avenue
Aberdeen, SD 57402**

Dear Mr. Erbele:

Enclosed is a water permit application prepared by Leggette, Brashears & Graham, Inc. (LBG) on behalf of Brown County Sanitary Landfill (BCSL). The permit application is for an un-named buried outwash located on the West Parcel Expansion Area (see Figures 1, 2 and 3 attached to permit application).

The area for which the new water right is being sought is the northwest quarter of Section 14, Township 123 North, Range 65 West in Brown County. LBG requested well construction logs for domestic wells in those sections surrounding the West Parcel Expansion Area (Sections 10, 11, 12, 13, 14, 15, 22, 23, and 24 – all in T123N, R65W) from Water Rights Program staff. Ten well construction logs were provided to LBG. The depths of these wells range from 1,008 feet to 1,343 feet, and are all likely completed in the Dakota aquifer. Therefore, these domestic wells will not be impacted by the landfill cell de-watering wells. Copies of the ten well logs are attached to the enclosed water permit application.

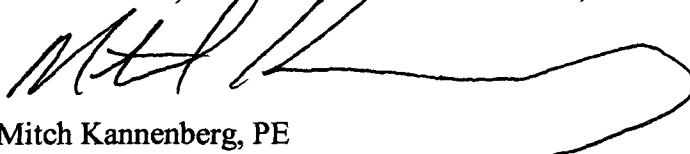
LBG estimated the required pumping rate to de-water the buried outwash unit to be 850 gallons per minute (gpm). This estimate is likely conservative (i.e., high) and is based on limited data (hydraulic conductivity data from slug tests and the saturated thickness). Pumping rate

April 23, 2008

estimates and well construction details and placement will be refined subsequent to the completion of additional aquifer testing planned for early summer 2008.

Please contact Tim Kenyon at (605) 334-6000 with any questions regarding the information provided in this letter or the water permit application.

Sincerely,
LEGGETTE, BRASHEARS & GRAHAM, INC.



Mitch Kannenberg, PE
Associate



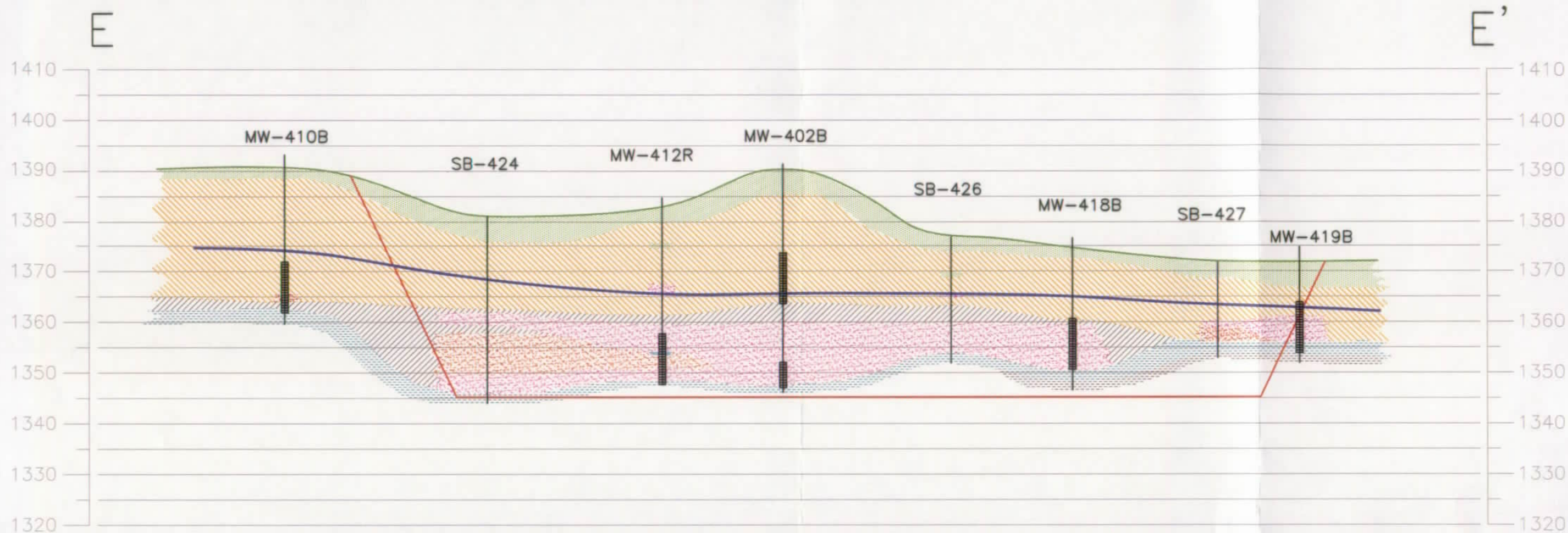
Tim Kenyon
Vice President

MWK:kk

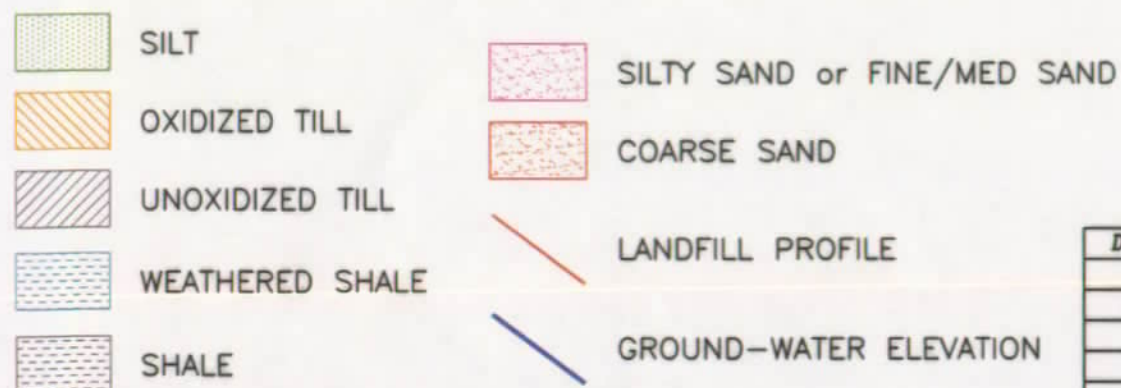
G:\...hydro\Brown CL Cover Letter

Enclosure – Water Permit Application
Attachment – Figures 1, 2 and 3

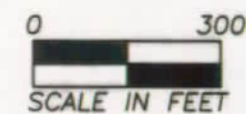




Landfill Profile was included for conceptual only. Location and depth is approximate.



15 X Vertical Exaggeration



DATE	REVISED

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water
and Environmental Services
140 E. Hinks Lane, Suite 128
Sioux Falls, South Dakota 57104
(605) 334-8000

BROWN COUNTY REGIONAL LANDFILL
ABERDEEN, SOUTH DAKOTA

CROSS-SECTION E-E'

FILE: Brown Co XC E-E'.dwg DATE: MARCH 2008 FIGURE: 3

YEAR COMPLETED 1967

Rig No. Garland Street

Mr. Albert Maisch

P. O. Eureka, So. Dak.

284-
Phone 2233

Tenant alone

Tenant P. O. —

Location NE 22 - 123 - 65

Size 5" x 1 1/2" extra heavy

Completed 3-15-67

By Leicht & Kuster Foreman

Terms Cash

Entered — Billed \$ 3375.⁵⁶

Settled —

Larry Shickel
225 - 8597

T.P. 284-9426

Section 22
TD - 1343
Aguiter - likely
Dakota

Independent Drilling Co.

Aberdeen, South Dakota

WELL REPORT

Completed well for Albert Mairisch Aberdeen, S. D., March 16 1927

P. O. Eureka, Pa. Depth 1343 ft. { 50 Gallons per minute

Pumped _____ gals. per min. for _____ hrs. { Clear Pumped _____ gals. per min. for _____ hrs. { Clear
806th 11th Sandy Muddy Cloudy Flows Clear Sandy Muddy Cloudy

Water stands _____ feet from top. Is the water hard or soft? hard Well is located on

_____ quarter Sec. _____ T _____ R _____ Moved to this place on March 8 1927

Started work on well March 9 1927 Well completed on March 15 1927

Left this place on March 16 1927

209 ft. 5" casing pipe extending to a total depth of 5" casing 209 feet

1242 ft. 1 1/2 extra heavy pipe extending to a total depth of 1 1/2 extra heavy 1242 feet

101 ft. 2 extra heavy pipe extending to a total depth of 2 extra heavy 101 feet

_____ ft. _____ pipe extending to a total depth of _____ on bottom feet

_____ ft. _____ pipe extending to a total depth of _____ feet

Cap Rock 610 ft. _____ Rock at from _____ feet to _____ feet.

Rock from _____ feet to _____ Rock from _____ feet to _____

Tubular sand from _____ to _____ feet _____ to _____ feet

perforated 7 1/2 17 ft. at bottom. Also _____ from _____ to _____ and from _____ to _____

For whom was the last well completed by this machine? _____

What was the date of its completion? _____ Explain loss of time, if any, between

completion of last well and commencement of this one _____

What extra charges are there against this well for pipe, fittings and supplies (please itemize)? _____

31 Bags cement

At whose request and by whose authority was this furnished? _____

Please state what casing and gasoline you have on hand after completion of this well _____

How much gasoline did you have on hand at commencement of this well? _____

How much gasoline have you received while on this well (give date and number of gallons)? _____

Date _____ Amount _____ gals. Date _____ Amount _____ gals.

Date _____ Amount _____ gals. Date _____ Amount _____ gals.

How much gasoline had you on hand at the completion of this well? _____ How much

gasoline did you use on this job? _____ How many days did engine

run on this job? _____

Edwin Leicht

Foreman Rig. No. Gr. Dev.

WELL NO.

CONTRACTOR

SIZE HOLE

DRILL PIPE

REMARKS:

SIZE PUMP LINERS

LENGTH STROKE

DATE _____

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1	20-0	20	0
2	20-0	40	0
3	20-0	60	0
4	20-0	80	0
5	20-0	100	0
6	20-0	120	0
7	20-0	140	0
8	20-0	160	0
9	20-0	180	0
10	20-0	200	0
11	20-0	220	0
12	20-0	240	0
13	20-0	260	0
14	20-0	280	0
15	20-0	300	0
16	20-0	320	0
17	20-0	340	0
18	20-0	360	0
19	20-0	380	0
20	20-0	400	0
21	20-0	420	0
22	20-0	440	0
23	20-0	460	0
24	20-0	480	0
25	20-0	500	0
26	20-0	520	0
27	20-0	540	0
28	20-0	560	0
29	20-0	580	0
30	20-0	600	0
31	20-0	620	0
32	20-0	640	0
33	20-0	660	0
34	20-0	680	0
35	20-0	700	0
36	20-0	720	0
37	20-0	740	0
38	20-0	760	0
39	20-0	780	0
40	20-0	800	0
41	20-0	820	0
42	20-0	840	0
43	20-0	860	0
44	20-0	880	0
45	20-0	900	0
46	20-0	920	0
47	20-0	940	0
48	20-0	960	0
49	20-0	980	0
50	20-0	1000	0

	DEPTH	TIME O'CLOCK	MIN.	REMARKS
51	20-0	1020	0	
52	20-0	1040	0	
53	20-0	1060	0	
54	20-0	1080	0	
55	20-0	1100	0	
56	20-0	1120	0	1130 Rock
57	20-0	1140	0	
58	20-0	1160	0	
59	20-0	1180	0	
60	20-0	1200	0	1146 Rock
61	20-0	1220	0	
62	20-0	1240	0	
63	20-0	1260	0	
64	20-0	1280	0	
65	20-0	1300	0	
66	20-0	1320	0	1327 Land
67		23	0	
68		1343	0	
69		17		
70		1320		
				1346
				1339
				1331
				1242 1/2
				1017.2
				on base

Artesian Well Contract

THIS AGREEMENT, made and entered into this 28th day of December A.D., 1966
by and between INDEPENDENT DRILLING CO., a corporation of the State of South Dakota located at Aberdeen, South
Dakota, first party, and Albert Maish P. O. Eureka, So. Dak. second party.

WITNESSETH: That the said first party agrees and contracts with the said second party, as follows:

FIRST: On or about _____ or after completing the _____
well to commence work on an artesian well to be located on the NE quarter of section 22 Twp.
123 Range 65 said land being the property of the second party, and to prosecute the work
thereon without unnecessary delay until said well is completed.

SECOND: To drill said well into water bearing artesian sand rock, and guarantee the well to furnish supply of
water by pump or natural flow.

THIRD: To case said well with 5 inch standard black steel pipe to 200' or deeper if deemed
necessary by the first party, and with 1 1/2 inch extra-heavy black steel pipe from top into water-bearing
sand rock. Any further drilling below the _____ inch pipe shall be cased with _____ inch pipe. The top length
of _____ inch pipe to be galvanized.

FOURTH: Said second party to furnish sufficient space where said well is to be sunk, for all material, machinery
and guy wires until said well is completed and machinery is removed.

FIFTH: ~~Said second party further agrees to board the men from the time move is commenced until well is com-~~
~~pleted and machinery removed, and provide and maintain an ample fire guard.~~

SIXTH: For and in consideration of the drilling and casing of said well, second party agrees to pay first party the
sum of See below (\$ _____).

if not over 1000 feet deep and SAME per foot for each foot in depth below 1000 feet _____

_____ to be paid in cash at completion of said well. It is further agreed that all sales
taxes upon material purchased for use in said well, which have been paid by the party of the first part, shall be paid by
the party of the second part, in addition to the contract price above stated. Deferred payments to draw interest at
eight per cent, to be bankably secured and due as follows:

Approximately 200' - 5" cemented in place @ \$5.00 per ft.
Approximately 1100' - 1 1/2" extra-heavy pipe in place @ \$1.85 per ft.
Approximately 200' of 1 1/2" inside five inch @ .80 per ft.

Settlement to be due and dated at completion of said well.

SEVENTH: First party guarantees the well to furnish water reasonably clear for stock and domestic purposes,
for the period of one year from the date of its completion. In case the well should fail to fulfill this guarantee, first
party shall repair same or drill a new well free to second party, ~~except the cost of~~ but first party does not guarantee
the well against natural decline in pressure.

INDEPENDENT DRILLING CO.

Tenant: _____
Post Office 806 - 11th St. Eureka, S.D.

Per Robert J. Farned First Party
Albert Maish Second Party

Telephone out of 2233

3-17- 7

r. Albert Moisch
Eureka, So. Dak.

To drill & case
5" x 1 1/2" extra-heavy
well as per contract-

209' of 5" cemented
in place @ \$5.00

\$1045.00

1134' of 1 1/2" extra-
heavy in place @
\$1.85 per ft.

2097 90

209' of 1 1/2" extra-
heavy inside 5" @
.80 per ft.

167 20

Top

51 04
\$3361 14

100' - 1" plastic &
Top

14 42
\$3375 56

Statement

Aberdeen, S. Dak. 57401

3-17-1967

M. Albert Meisch

Europe. See Dublin.

In Account With

Independent Drilling Co., Inc.

ARTESIAN AND TUBULAR WELL CONTRACTORS

Phone: 225-3122

Phone: 225-2669

Office Phone:
229-0110

Accounts Over Due Subject to Interest

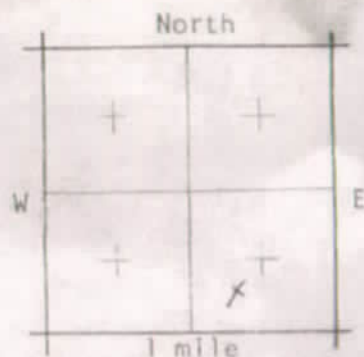
Accounts Over Due Subject to Interest					
To Drill & case 5" x 1 1/2" extra heavy well as per contract					
207 of 5" cemented in place @ \$5.00			\$	1045.	00
1134 of 1 1/2" extra- heavy in place @ \$1.85 p. ft.				2077	10
209 of 1 1/2" extra- heavy inside 5" @ .20 per ft.				167	20
Tot				51	04
101' 1" plastic & Tot			\$	2361	14
				14	42
			\$	3375	56

WESTERN PRINTING CO., ABERDEEN S. D.

STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location 1/4 SE 1/4 Sec 14 Twp 123N Rg 65WCounty Brown

Please mark well location with an "X"

Well Completion Date 9-8-83

PROPOSED USE:

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

Method of Drilling:

Conventional Rotary

WELL CONSTRUCTION:

Diameter of hole 4 1/2 inches Depth 1305 feetCasing: ☒ Steel ☐ Plastic ☒ OtherSpecify lepperPipe Weight 15 lb/ft Diameter 5 inches From 0 feet To 229 feet104 lb/ft 1 1/2 inches 0 feet 1305 feetWas a well screen used? ☐ Yes ☒ No

If Not Specify _____

Screen Type _____ Slot Size _____

Length _____ Diameter _____

Was Casing left open end? ☒ Yes ☐ NoWas a Packer or seal used? ☒ Yes ☐ NoIf so what material? leadWas well gravel packed? ☐ Yes ☒ NoWas well grouted? ☒ Yes ☐ NoDescribe grouting procedure pressure groutedw/ 38 sbs Dacotah IITo what depth? 229 FeetWhat was grouting material? Dacotah IIIf cement, how many sacks? 38Location of packer(s) and screen or perforated pipe Surface - 25' @ bottomWAS WELL PLUGGED OR ABANDONED ☐ Yes ☒ No

If so how and with what material?

Well Owner:

Name Michael & SonsAddress Abundant, So. Dak 57401

Well Log: Depth

Formation	From	To
yellow clay	0	40
Blue clay	40	50
Pierre	50	
Greenhorn	630	
Newcastle	870	890
Dakota	950	1010
Dakota	1270	1305

STATIC WATER LEVEL _____ Feet

If flowing: closed in pressure 160 ^(EST) PSIGPM flow 50 through 1 1/2 inch pipeControlled by ☒ Valve ☒ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? yes

WELL TEST DATA:

☐ Pumped☐ Bailed Describe: _____☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

Remarks:

This well was drilled under license # 29

and this report is true and accurate.

Independent Drilling Co. Inc. R. J. J. Jr.
Drilling Firm Signed by9-11-83

Date

Independent Drilling Co.

Aberdeen, South Dakota

WELL REPORT

Completed well for Don Mitzel Aberdeen, S. D., 9, 9, 1983

P. O. Aberdeen, S.D. Depth 1305 ft. { Pump: 50 Gallons per minute
Flows

Pumped _____ gals. per min. for _____ hrs. { Clear
Sandy
Muddy
Cloudy Pumped _____ gals. per min. for _____ hrs. { Clear
Sandy
Muddy
Cloudy

Water stands _____ feet from top. Is the water hard or soft? hard Well is located on
_____ quarter Sec. _____ T _____ R

Moved to this place on 8.29, 1983

Started work on well 8.29, 1983 Well completed on 9.8, 1983

Left this place on 9.9, 1983

219 ft. 5" casing pipe extending to a total depth of _____ feet

385 ft. 2" K Casing on bottom pipe extending to a total depth of _____ feet

920 ft. 1 1/2" K Casing on bottom pipe extending to a total depth of _____ feet

_____ ft. pipe extending to a total depth of _____ feet

_____ ft. pipe extending to a total depth of _____ feet

Cap Rock 630 ft. Rock at from _____ feet to _____ feet.

Rock from _____ feet to _____ feet

Tubular sand from _____ to _____ feet

perforated 25 ft. at bottom. Also _____ from _____ to _____ and from _____ to _____

For whom was the last well completed by this machine?

What was the date of its completion? _____ Explain loss of time, if any, between

completion of last well and commencement of this one _____

What extra charges are there against this well for pipe, fittings and supplies (please itemize)?

2 1/4 valves 1 3/4 x 1/2 reducing coupling

4 1/4 x 3" brass nipples

1 1/4 pressure reducing valve 38 sacks cement

1 1/2 male adapter

2 1/2 x 1/4 brass bushing

1 1/2 brass tee

At whose request and by whose authority was this furnished?

Please state what casing and gasoline you have on hand after completion of this well _____

How much gasoline did you have on hand at commencement of this well? _____

How much gasoline have you received while on this well (give date and number of gallons)? _____

Date _____ Amount _____ gals. Date _____ Amount _____ gals.

Date _____ Amount _____ gals. Date _____ Amount _____ gals.

How much gasoline had you on hand at the completion of this well? _____ How much

gasoline did you use on this job? _____

run on this job? _____ How many days did engine

COMPANY FARM Mitchell & Sons WELL NO.
 SEC. TWP. RGE. LOC. COUNTY BROWN STATE
 CONTRACTOR SIZE HOLE DRILL PIPE
 REMARKS: SIZE PUMP LINERS LENGTH STROKE

STARTED Drilling
 8/29/83

5 sack cement
 228-6 = 5 in

DATE moved in 8/29/83

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1	20-00	20	0
2	20-00	40	0
3	20-00	60	0
4	20-00	80	0
5	20-00	100	0
6	20-00	120	0
7	20-00	140	0
8	20-00	160	0
9	20-00	180	0
10	20-00	200	0
11	20-00	220	0
12	20-00	240	0
13	20-00	260	0
14	20-00	280	0
15	20-00	300	0
16	20-00	320	0
17	20-00	340	0
18	20-00	360	0
19	20-00	380	0
20	20-00	400	0
21	20-00	420	0
22	20-00	440	0
23	20-00	460	0
24	20-00	480	0
25	20-00	500	0
26	20-00	520	0
27	20-00	540	0
28	20-00	560	0
29	20-00	580	0
30	20-00	600	0
31	20-00	620	0
32	20-00	640	0
33	20-00	660	0
34	20-00	680	0
35	20-00	700	0
36	20-00	720	0
37	20-00	740	0
38	20-00	760	0
39	20-00	780	0
40	20-00	800	0
41	20-00	820	0
42	20-00	840	0
43	20-00	860	0
44	20-00	880	0
45	20-00	900	0
46	20-00	920	0
47	20-00	940	0
48	20-00	960	0
49	20-00	980	0
50	20-00	1000	0

DEPTH	TIME O'CLOCK	MIN.	REMARKS
51	20-00	1020	0
52	20-00	1040	0
53	20-00	1060	0
54	20-00	1080	0
55	20-00	1100	0
56	20-00	1120	0
57	20-00	1140	0
58	20-00	1160	0
59	20-00	1180	0
60	20-00	1200	0
61	20-00	1220	0
62	20-00	1240	0
63	20-00	1260	0
64	20-00	1280	0
65	20-00	1300	0
66			
67			
68			
69			
70			

Rock 1132

R. 1178

R. 1189

R. 1185

1805

25

1830

cut Rock 630

8:10 to 8:20 10 min

8:30 to 8:45 15 "

8:55 to 9:20 25 "

9:25 to 9:50 25 "

10:00 to 10:15 15 "

10:30 to 10:40 10 "

10:45 to 10:55 10 "

YEAR COMPLETED 1983

Rig No. 5. J.

Mr. Miteel & Sons

P. O. Herried, So. Dak.

Phone 226-2511

Tenant Jon Miteel

Tenant P. O. Aberdeen, So. Dak.

Location SE 14 - 123N - 65W

Size 5" x 1 1/2" Type "K" Copper

Completed 9-8-83

By Licht & Brisk Foreman

Terms Cash - 60 days

Entered Billed \$ 8627.50

Settled 8500

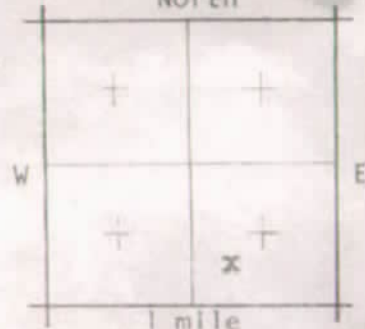
State report 9-83

STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location 1/4 SE 1/4 Sec 15 Twp 123N Rg 69WCounty Brown

North

Please mark well location with an "X"

Well Completion Date 8-26-83

PROPOSED USE:

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

Method of Drilling:

Conventional Rotary

WELL CONSTRUCTION:

Diameter of hole 4 1/2 inches Depth 1365 feetCasing: ☒ Steel ☒ Plastic ☒ Other

Specify _____

Pipe Weight 15 lb/ft 5 inches 0 feet 232 feet.97 lb/ft 2 inches 0 feet 1365 feetWas a well screen used? ☐ Yes ☒ No

If Not Specify _____

Screen Type _____ Slot Size _____

Length _____ Diameter _____

Was Casing left open end? ☒ Yes ☐ NoWas a Packer or seal used? ☒ Yes ☐ NoIf so what material? LeadWas well gravel packed? ☐ Yes ☒ NoWas well grouted? ☒ Yes ☐ NoDescribe grouting procedure Pressure- 6x1 mixContinuousTo what depth? 232 FeetWhat was grouting material? Dacotah IIIf cement, how many sacks? 35Location of packer(s) and screen or perforated pipe 20'-3/8's perforations 20' off bottomWAS WELL PLUGGED OR ABANDONED ☐ Yes ☒ No

If so how and with what material?

Well Owner:

Name Elden WinthersAddress Aberdeen, So. Dak. 57401

Well Log:

Depth

Formation	From	To
Yellow & blue clay	0	60
Weathered shale	60	80
Pierre		100
Greenhorn		635
Dakota	980	1040
Lakota	1328	1340

STATIC WATER LEVEL _____ Feet

If flowing: closed in pressure 130 (est)GPM flow 30 through 11 1/2 inch pipeControlled by ☒ Valve ☒ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? yes

WELL TEST DATA:

☐ Pumped☐ Bailed

Describe: _____

☐ Other

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

Remarks:

This well was drilled under license # 29

and this report is true and accurate.

Independent Drilling Company, Inc.

Drilling Firm

Signed by

9-7-83

Date

Robert S. Jones

Independent Drilling Co.

Aberdeen, South Dakota

WELL REPORT

Completed well for Elden Aberdeen, S. D., 8-30 1983

P. O. Aberdeen Depth 1365 ft. { 30 Gallons per minute

Pumped _____ gals. per min. for _____ hrs. { Clear Sandy Muddy Cloudy Pumped _____ gals. per min. for _____ hrs. { Clear Sandy Muddy Cloudy

Water stands _____ feet from top. Is the water hard or soft? _____ Well is located on

_____ quarter Sec. _____ T _____ R Moved to this place on 8-16 1983

Started work on well 8-17 1983 Well completed on 8-26 1983

Left this place on 8-29 1983

232 ft. 5" BIK pipe extending to a total depth of 232 feet

42 ft. 2" Kopper pipe extending to a total depth of 42 feet

1285 ft. 2" plastic pipe extending to a total depth of 1327 feet

38 ft. 2" Kopper pipe extending to a total depth of 1365 feet

_____ ft. _____ pipe extending to a total depth of _____ feet

Cap Rock 630 ft. _____ Rock at from _____ feet to _____ feet.

Rock from _____ feet to _____ Rock from _____ feet to _____

Tubular sand from _____ to _____ feet _____ to _____ feet

perforated 20 ft. at bottom. Also 20 ft Blank at Bottom from _____ to _____ and from _____ to _____

For whom was the last well completed by this machine? _____

What was the date of its completion? _____ Explain loss of time, if any, between

completion of last well and commencement of this one _____

What extra charges are there against this well for pipe, fittings and supplies (please itemize)? _____

1- 2 inch Brass Tee

2- 2 X 1 1/4 Brass Bashing 80 - on 5"

2- 1/4 valves

4- 1 1/4 X 3 Brass nipples

At whose request and by whose authority was this furnished? _____

Please state what casing and gasoline you have on hand after completion of this well _____

How much gasoline did you have on hand at commencement of this well? _____

How much gasoline have you received while on this well (give date and number of gallons)? _____

Date _____ Amount _____ gals. Date _____ Amount _____ gals.

Date _____ Amount _____ gals. Date _____ Amount _____ gals.

How much gasoline had you on hand at the completion of this well? _____ How much

gasoline did you use on this job? _____ How many days did engine

run on this job? _____

Floyd Zimmerman

Foreman Rig. No. 60

Western Ptg. Co., Aberdeen, S. D.

COMPANY FARM *Chas. White* WELL NO.
 SEC. TWP. RGE. LOC. COUNTY STATE
 CONTRACTOR SIZE HOLE DRILL PIPE
 REMARKS: *move in 8, 16, 83* SIZE PUMP LINERS LENGTH STROKE
Start Drilling 8, 17, 83

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1	20-0	20	0
2	20-0	40	0
3	20-0	60	0
4	20-0	80	0
5	20-0	100	0
6	20-0	120	0
7	20-0	140	0
8	20-0	160	0
9	20-0	180	0
10	20-0	200	0
11	20-0	220	0
12	20-0	240	0
13	20-0	260	0
14	20-0	280	0
15	20-0	300	0
16	20-0	320	0
17	20-0	340	0
18	20-0	360	0
19	20-0	380	0
20	20-0	400	0
21	20-0	420	0
22	20-0	440	0
23	20-0	460	0
24	20-0	480	0
25	20-0	500	0
26	20-0	520	0
27	20-0	540	0
28	20-0	560	0
29	20-0	580	0
30	20-0	600	0
31	20-0	620	0
32	20-0	640	0
33	20-0	660	0
34	20-0	680	0
35	20-0	700	0
36	20-0	720	0
37	20-0	740	0
38	20-0	760	0
39	20-0	780	0
40	20-0	800	0
41	20-0	820	0
42	20-0	840	0
43	20-0	860	0
44	20-0	880	0
45	20-0	900	0
46	20-0	920	0
47	20-0	940	0
48	20-0	960	0
49	20-0	980	0
50	20-0	1000	0

DEPTH	TIME O'CLOCK	MIN.	REMARKS
51	20-0	1020	0
52	20-0	1040	0
53	20-0	1060	0
54	20-0	1080	0
55	20-0	1100	0
56	20-0	1120	0
57	20-0	1140	0
58	20-0	1160	0
59	20-0	1180	0
60	20-0	1200	0
61	20-0	1220	0
62	20-0	1240	0
63	20-0	1260	0
64	20-0	1280	0
65	20-0	1300	0
66	20-0	1320	0
67	20-0	1340	0
68	20-0	1360	0
69	20-0	1380	0
70	20-0	1400	0
71	20-0	1420	0
72	20-0	1440	0
73	20-0	1460	0
74	20-0	1480	0
75	20-0	1500	0
76	20-0	1520	0
77	20-0	1540	0
78	20-0	1560	0
79	20-0	1580	0
80	20-0	1600	0
81	20-0	1620	0
82	20-0	1640	0
83	20-0	1660	0
84	20-0	1680	0
85	20-0	1700	0
86	20-0	1720	0
87	20-0	1740	0
88	20-0	1760	0
89	20-0	1780	0
90	20-0	1800	0
91	20-0	1820	0
92	20-0	1840	0
93	20-0	1860	0
94	20-0	1880	0
95	20-0	1900	0
96	20-0	1920	0
97	20-0	1940	0
98	20-0	1960	0
99	20-0	1980	0
100	20-0	2000	0

232 ft. 5' casing
the thread

1300-1325
red bed

1330-1342
sand
poor drilling
good sample

Kelly was down

11:40 to 1:30 = 2 hr. 50 min
1:40 to 3:30 = 1 hr. 45 min

YEAR COMPLETED 1983

808

28

Rig No. 6. 2.

Mr. Elden Winter

11 - NW 80th St.

P. O. Aberdeen, So. Dak 57401

Phone 226 - 1472

Tenant Self

Tenant P. O.

Location SE 15 - 123 N - 65 W

Size 5" X 2" #80 PUC.

Completed 8-26-83

By Licht - Brick

Foreman

Terms Due 1 Oct. 1983

Entered Billed \$ 7495.⁰⁰

Settled by full

State report 9-83

Independent Drilling Co.

Aberdeen, South Dakota

WELL REPORT

Dilled 6-2-83

Completed well for

Aberdeen S. D., 6-2-1983
~~Bob Long~~ Harold YoderP. O. Aberdeen RR

Depth

1206

ft.

Pumps
CLOS

6

Gallons per minute

Pumped

gals. per min. for

hrs.

Clear
Sandy
Muddy
Cloudy

Pumped

gals. per min. for

hrs.

Clear
Sandy
Muddy
Cloudy

Water stands

feet from top.

Is the water hard or soft?

Soft

Well is located on

SW

quarter Sec.

10

T 123

R

65

Moved to this place on

5.31

1983

Started work on well

5.31.1983

Well completed on

6.2.1983

Left this place on

6.2.1983

105 ft. 2 1/2" M Copper

pipe extending to a total depth of

2 1/2" M Copper

105 feet

1098 ft. 1 1/2" M Copper

pipe extending to a total depth of

1 1/2" M Copper

1098 feet

ft.

pipe extending to a total depth of

feet

1203 ft. down pit

pipe extending to a total depth of

feet

ft.

adapter 8 ft

pipe extending to a total depth of

feet

Cap Rock

ft.

Rock at from

feet to

feet.

Rock from

feet to

Rock from

feet to

Tubular sand from

to

feet

to

feet

perforated

60

ft. at bottom. Also

from

to

and from

to

For whom was the last well completed by this machine?

What was the date of its completion?

Explain loss of time, if any, between

completion of last well and commencement of this one

What extra charges are there against this well for pipe, fittings and supplies (please itemize)?

1 3" galv. tee

1 14 x 1/4 galv. flushing

1 3 x 3 1/2 galv. nipple

1 3 x 1 1/4 galv. flushing

1 3/4 brass elbow

12 ft. 3/4 in plastic pipe

4 clamps

At whose request and by whose authority was this furnished?

Please state what casing and gasoline you have on hand after completion of this well

How much gasoline did you have on hand at commencement of this well?

How much gasoline have you received while on this well (give date and number of gallons)?

Date

Amount

gals.

Date

Amount

gals.

Date

Amount

gals.

Date

Amount

gals.

How much gasoline had you on hand at the completion of this well?

How much

gasoline did you use on this job?

How many days did engine

run on this job?

105' - 2 1/2" @ 2.12
1098' - 1 1/2" @ 1.05

Edwin Leicht

Foreman Rig. No. JHC

WELL REPORT

Cottrell S. D., May 16th 1909

Completed well for John Cottrell

Postoffice address _____ County Pittsburg

If the place is rented, state to whom _____

Depth 1160 ft. Flow 20 gallons per minute. Well located on NE

Quarter, Section 23 Township 123 Range 65

How many inches of head on pipe _____ Does the well flow clear _____

What is the nearest town Alliance How far is the well from town and what direction 4 E

Started work on well May 13 1909; well completed May 16 1909

1140 feet 1 1/4" pipe in the well 100 feet 2" pipe in the well

20 feet 1" pipe in the well _____ feet _____ pipe in the well

5 feet perforated pipe in the well. Location of perforation on bottom

Location and amount of each flow _____

Contract price on well _____ Does this include casing _____

Does this include board _____ Does this include hauling _____

Discount on well if any _____ If anything was taken in trade, state what it was

valued at in the deal, also give description _____

What is its actual cash selling value _____ If any pipe or casing was lost in the well

state how much of each kind _____

How much cash is to be paid on this well _____ When will the balance be paid _____

What is the security _____ What is the rate of interest _____

If a time deal answer the following questions: How much land does this man own _____

What is it worth _____ What are the improvements worth _____

What incumbrance if any _____ How long has he lived in that locality _____

Is he a good farmer _____ Is he considered good pay _____

Remarks _____

How many gallons of gasoline used on this job _____

Give name of the crew which worked on this well R. A. Johnson

What is your next job _____ How far is it from this

last job _____ What direction _____ What size _____

For whom was your last well drilled _____

If the well is different than the contract called for, state what changes were made and what difference in price _____

State what the total extra charges for pipe and fittings on this well are _____

Also mail us itemized list of same. _____

R. A. Johnson
Manager and Part Owner in Rig No. 36

4317

Mr.

P. O.

Renter

P. O.

County

Location

Drilled by

Foreman.

Completed

Size of well

Remarks

Settled

Independent Drilling Co.

Aberdeen, South Dakota

WELL REPORT

Completed well for Kasner F. Melzank Aberdeen, S. D., Mar 8 1956

P. O. Aberdeen Depth 1110 ft. { Pump Flows 6 Gallons per minute

Pumped _____ gals. per min. for _____ hrs. { Clear Sandy Muddy Cloudy Pumped _____ gals. per min. for _____ hrs. { Clear Sandy Muddy Cloudy

Water stands _____ feet from top. Is the water hard or soft? Soft Well located on _____ quarter Sec. _____ T. _____ R. Moved to this place on Feb 20 1956

Started work on well Feb 21 1956 Well completed on Feb 25 1956

Left this place on Feb 25 1956

21 ft. 9 1/2 gal pipe extending to a total depth of 21 feet

104 ft. 2 1/2 Blk pipe extending to a total depth of 125 feet

985 ft. 1 1/2 Heavy pipe extending to a total depth of _____ feet

ft. sticking pipe extending to a total depth of 1110 feet

ft. _____ pipe extending to a total depth of _____ feet

Cap Rock 510 ft. Rock at from 60 + 135 feet to 352 to 85 feet

Rock from 413 feet to 717 Rock from 1020 feet to 1060

Tubular sand from _____ to _____ feet to _____ feet

perforated 58 ft. at bottom. Also _____ from _____ to _____ and from _____ to _____

For whom was the last well completed by this machine? _____

What was the date of its completion? _____ Explain loss of time, if any, between completion of last well and commencement of this one _____

What extra charges are there against this well for pipe, fittings and supplies (please itemize)? _____

Bits

2, 4 1/2 reg

1, 4 1/2 reg 3 cone

At whose request and by whose authority was this furnished? _____

Please state what casing and gasoline you have on hand after completion of this well _____

How much gasoline did you have on hand at commencement of this well? _____

How much gasoline have you received while on this well (give date and number of gallons)? _____

Date _____ Amount _____ gals. Date _____ Amount _____ gals.

Date _____ Amount _____ gals. Date _____ Amount _____ gals.

How much gasoline had you on hand at the completion of this well? _____ How much

gasoline did you use on this job? _____ How many days did engine

run on this job? _____

John Struble

Foreman Rig. No. 426

THIS AGREEMENT, made and entered into this 17th day of February A. D. 1956
 by and between INDEPENDENT DRILLING CO., a corporation of the State of South Dakota, located at Aberdeen, South
 Dakota, first party, and Basmer F. Melzack P. O. RR #1, Aberdeen second party.

WITNESSETH: That the said first party agrees and contracts with the said second party, as follows:

FIRST: On or about _____ or after completing the Artesian
 well to commence work on an artesian well to be located on the SW quarter of section 10 Twp.
123 Range 165 said land being the property of the second party, and to prosecute the work
 thereon without unnecessary delay until said well is completed.

SECOND: To drill said well into water bearing artesian sand rock.

THIRD: To case said well with 2 1/2 inch standard black steel pipe to shale or deeper if deemed
 necessary by the first party, and with 1 1/2 inch extra heavy black pipe from shale into water-bearing sand
 rock. Any further drilling below the _____ inch pipe shall be cased with _____ inch pipe. The top length of
2 1/2 inch pipe to be galvanized.

FOURTH: Said second party to furnish sufficient space where said well is to be sunk, for all material, machinery and
 guy wires until said well is completed and machinery is removed.

FIFTH: Said second party further agrees to board the men from the time move is commenced until well is com-
 pleted and machinery removed; haul the well outfit from _____ to the place
where said well is to be sunk; furnish all water for drilling said well; haul the casing, gasoline and all other supplies needed
for the well from _____; furnish the fuel for warming the camp and for truck heater,
 and provide and maintain an ample fire guard.

SIXTH: For and in consideration of the drilling and casing of said well, second party agrees to pay first party the
 sum of One dollar & seventy five (\$ 1.75)
 if not over 1000 feet deep and same per foot for each foot in depth below 1000 feet.
 _____ to be paid in cash at completion of said well. It is further agreed that all sales
 taxes upon material purchased for use in said well, which have been paid by the party of the first part, shall be paid by the
 party of the second part, in addition to the contract price above stated. Deferred payments to draw interest at eight per
 cent, to be bankably secured and due as follows:

Failure charge on receiving old well to be dismissed
in consideration of drilling new well.

Settlement to be due and paid at completion of said well.

INDEPENDENT DRILLING CO.

Tenant _____
 Post Office RR #1 Aberdeen
 Telephone out of 109021

Per L. J. Freund First Party
Basmer F. Melzack Second Party

Setting bar from land bank

YEAR COMPLETED 1956

Rig No. _____

Mr. Karmer F. Melzack

P. O. R.R. 1 Aberdeen S.D.

Phone 109W 21

Tenant _____

Tenant P. O. _____

Location S.H. 10-123-165

Size 1 1/2" extra heavy

Completed _____

By John Struble FOREMAN

Terms _____

Entered _____ Billed \$ _____

Settled _____

YEAR COMPLETED 1946

Rig No. 58

Mr. Mildred Sippels

P.O. Graton, S.D.

Phone _____

Tenant _____

Tenant P. O. _____

Location N. 1/4 - 14 - 123 - 65

Size 1 1/2

Completed _____

By Paul Baker FOREMAN

Terms _____

Entered _____ Billed \$ 911.72

Settled _____

INDEPENDENT DRILLING CO.
Aberdeen, So. Dak.

WELL REPORT

Completed well for Mrs Mildred Sippel S. D., Feb 23 1946

P. O. Hotchkiss Depth 1008 ft. } Pumped 10 Gallons per minute

Pumped _____ gals. per min. for _____ hrs. } Clear _____
Sandy _____
Muddy _____
Cloudy _____ Pumped _____ gals. per min. for _____ hrs. } Clear _____
Sandy _____
Muddy _____
Cloudy _____

Water stands _____ feet from top. Is the water hard or soft? _____ Well located on

_____ quarter Sec. _____ T _____ R _____ Moved to this place on _____ 19 _____

Started work on well _____ 19 _____ Well completed on _____ 19 _____

Left this place _____ 19 _____

218 ft. 5 1/2 in. pipe extending to a total depth of _____ feet

1008 ft. 1 1/2 in. pipe extending to a total depth of 1008 feet

_____ ft. _____ pipe extending to a total depth of _____ feet

_____ ft. _____ pipe extending to a total depth of _____ feet

_____ ft. _____ pipe extending to a total depth of _____ feet

Cap Rock 552 ft. _____ Rock at from _____ feet to _____ feet.

Tubular sand from _____ feet _____ to _____ feet

perforated 40 ft. at bottom. Also _____ from _____ to _____ and from _____ to _____

For whom was the last well completed by this machine? _____

What was the date of its completion? _____ Explain loss of time, if any, between completion of last well and commencement of this one. _____

What extra charges are there against this well for pipe, fittings and supplies (please itemize)? _____

At whose request and by whose authority was this furnished? _____

Please state what casing and gasoline you have on hand after completion of this well _____

How much gasoline did you have on hand at commencement of this well? _____

How much gasoline have you received while on this well (give date and number of gallons)? _____

Date _____ Amount _____ gals. Date _____ Amount _____ gals.

Date _____ Amount _____ gals. Date _____ Amount _____ gals.

How much gasoline had you on hand at the completion of this well? _____ How much

gasoline did you use on this job? _____ How many days did engine

run on this job? _____

Paul Bader

Foreman Rig No. 58

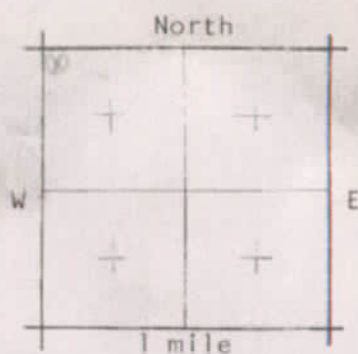
STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location 1/4 Sec 23 Twp 123 Rg 65

County

Brown

Please mark well location with an "X"

Well Completion Date 9-22-83

PROPOSED USE:

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

Method of Drilling:

WELL CONSTRUCTION:

Diameter of hole _____ inches Depth _____ feet

Casing: ☐ Steel ☐ Plastic ☐ Other

Specify _____

Pipe Weight Diameter From To

_____ lb/ft _____ inches _____ feet _____ feet

_____ lb/ft _____ inches _____ feet _____ feet

Was a well screen used? ☐ Yes ☐ No

If Not Specify _____

Screen Type _____ Slot Size _____

Length _____ Diameter _____

Was Casing left open end? ☐ Yes ☐ NoWas a Packer or seal used? ☐ Yes ☐ No

If so what material? _____

Was well gravel packed? ☐ Yes ☐ NoWas well grouted? ☐ Yes ☐ No

Describe grouting procedure _____

To what depth? _____ Feet

What was grouting material? _____

If cement, how many sacks? _____

Location of packer(s) and screen or perforated pipe _____

WELL PLUGGED OR ABANDONED ☐ Yes ☐ No

If so how and with what material? _____

Well Owner:

Name Tony MartinsonAddress 143 Aberdeen So Dak

Well Log:

Depth

Formation

From

To

Corrosion090'Washup job -0260WashupHeavy corrosion1010 -1013Total depthg Well -1173'2"

STATIC WATER LEVEL _____ Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? _____

WELL TEST DATA:

☐ Pumped☐ Bailed☐ Other

Describe: _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

Remarks:

This well was drilled under license # 92

and this report is true and accurate.

David M. Pulling Drilling Firm

Signed by

9-29-83

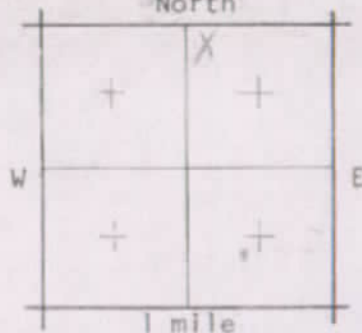
Date

STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location NW 1/4 NE 1/4 Sec 24 Twp 123 Rg 65County Brown

North

Please mark well location with an "X"

Well Completion Date 6-10-83

PROPOSED USE:

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

Method of Drilling:

Rotary

WELL CONSTRUCTION:

Diameter of hole 7 7/8 inches Depth 203 feetCasing: ☒ Steel ☐ Plastic ☐ OtherSpecify 5" Blk.
 Pipe Weight Diameter From To
15.0 lb/ft 5 inches 0 feet 203 feet
Sch 40 lb/ft 2 inches 0 feet 1340 feet
Was a well screen used? ☒ Yes ☐ No

If Not Specify _____

Screen Type Plastic Slot Size _____Length 100 Diameter 2"Was Casing left open end? ☐ Yes ☒ NoWas a Packer or seal used? ☐ Yes ☒ No

If so what material? _____

Was well gravel packed? ☐ Yes ☒ NoWas well grouted? ☒ Yes ☐ NoDescribe grouting procedure Pressure
Grout is through Pipe with PlugTo what depth? 203 FeetWhat was grouting material? CementIf cement, how many sacks? 30Location of packer(s) and screen or perforated pipe 1240 - 1340WAS WELL PLUGGED OR ABANDONED ☐ / Yes ☒ / No

If so how and with what material? _____

Well Owner:

Name Robert HamakAddress Aberdeen SD

Well Log:

Depth

Formation

From

To

See Attached
Log

STATIC WATER LEVEL _____ Feet

If flowing: closed in pressure 96 PSIGPM flow 100 through 2 inch pipeControlled by ☒ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? Yes

WELL TEST DATA:

☐ Pumped☐ Bailed

Describe: _____

☐ Other

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

Remarks:

This well was drilled under license # 94

and this report is true and accurate.

Neve Drilling Inc.

Drilling Firm

Signed by

6-14-83

Date

Robert Hamak

N $\frac{1}{2}$ -NE $\frac{1}{4}$ -24-123-65

6/7/83

24

Tom R.

JOB NAME

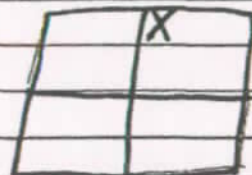
Brown Locality

DATE

RIG NO.

FOREMAN

Jt No.	DEPTH	TIME	REMARKS
1	20		yellow Clay 7 7/8 Hole
2	40		Shale @ 25
3	60		
4	80		
5	100		
6	120		
7	140		
8	160		
9	180		
10	200		203' 5" steel Cemented 30 Bags
11	220		6/8/83
12	240		
13	260		
14	280		
15	300		
16	320		
17	340		
18	360		
19	380		
20	400	AP	6/9/83
21	420		
22	440		
23	460		
24	480		
25	500		
26	520		
27	540		
28	560		Greenhorn @ 575
29	580		
30	600		
31	620		
32	640		
33	660		
34	680		
35	700		
36	720		
37	740		
38	760		
39	780		
40	800		



24-123-65

Robert Hamak

JOB NAME

N $\frac{1}{2}$ -NE $\frac{1}{4}$ -24-123-65
Brown County
LOCATION

6/9/83

DATE

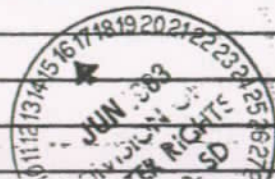
24

RIG NO.

Tom R.

FOREMAN

Jt No.	DEPTH	TIME	REMARKS
41	820		
42	840		
43	860		
44	880		
45	900		Dakota Top
46	920		
47	940		
48	960		
49	980		
50	1000		
51	1020		
52	1040		
53	1060		
54	1080		
55	1100		V35 4 $\frac{1}{2}$ " Gear Bit #1 @ 1100 #75790 start 8:00
56	1120	8:40	1100-1120 Good Streaks 6/10/83
57	1140	9:10	1120-1140 Streaked
58	1160	9:31	1140-1175 Good Sand
59	1180	10:02	1175-1180 Shale
60	1200	10:52	1180-1190 Good Sand
61	1220	12:00	490 Sundance Top
62	1240	1:21	1190-1240 Shale Monison
63	1260	2:25	1240-1245 Good Streaks Sundance Top
64	1280	4:00	1245-1255 Shale
65	1300	6:30	1255-1258 Good Sand
66	1320	8:00	1258-1270 Shale
67	1340	8:38	1270-1295 Good Sand
68			1295-1300 H.S. & Sand Streaks
69			V35 4 $\frac{1}{2}$ " Gear Bit #2 @ 1300 #75791
70			1300-1305 Rock
			1305-1330 wide open Sand
			1330-1340 Shale
			2" Plastic
			100' Perf.
			1240' Blank.



HURON DRILLING CO.

YEAR COMPLETED 1980

Mr. Steven Wagenaar
Huron, N. D.
51-51

Completed January 24, 1981

By Roger Wollman Foreman

Rig No. 12

Contract Number 22, 1080

By Rayl Oberg

Invoice Enclosed

Well Report Enclosed

Drillers Log Enclosed

Aberdeen, South Dakota

WELL REPORT

Steven Wagenaar
Brown County
S.E.-12-123-65

HURON
DRILLING CO.
Huron, N. D.

DESCRIPTION

DATE

January 24, 1981

CASING LOG

Depth	1210	ft.
Flows	100	ft. 4" Schedule 40 pipe to 100 ft.
Pumps	873	ft. 2" Schedule 80 pipe to 970 ft.
Head	240	ft. 2" Schedule 80 pipe to 1210 ft.
240 Ft. Perf. @ bottom		ft. pipe to ft.
Perforations		

770-1210 Ft.

REMARKS

6 days

Drilling Time

Rig No. 12

1 - 4 1/2" V-3S

Roger Wollman

Foreman

DM

HURON DRILLING INC. DRILLERS LOG

Aberdeen, South Dakota

PAGE NO. 1

Steven Wagenaar
JOB NAME

SE-12-123-65
Brown County
LOCATION

Jan. 10, 1981
DATE

12
RIG NO.

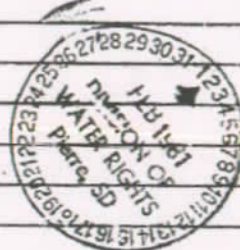
Koger
Guilford
FOREMAN

DEPTH	TIME	REMARKS
1	20	12:05
2	40	12:20
3	60	12:35
4	80	12:45
5	100	1:00
6	120	1:10
7	140	1:20
8	160	2:30
9	180	2:56
10	200	3:10
11	220	3:20
12	240	3:45
13	260	4:00
14	280	4:10
15	300	11:40
16	320	12:05
17	340	12:30
18	360	1:30
19	380	1:45
20	400	2:15
21	420	2:45
22	440	4:20
23	460	4:30
24	480	4:50
25	500	5:10
26	520	5:45
27	540	6:00
28	560	6:10
29	580	8:15
30	600	8:40
31	620	9:15
32	640	9:43
33	660	10:00
34	680	10:10
35	700	10:25
36	720	10:40
37	740	10:55
38	760	11:10
39	780	12:00
40	800	12:23

Reamer on @ 300' 1-19-1981

Reamer off @ 440'

January 20, 1981



Schlaak, Karen

From: Gronlund, Eric
Sent: Friday, May 02, 2008 7:59 AM
To: Schlaak, Karen
Subject: FW: Brown Cty Landfill water permit application

-----Original Message-----

From: Mitch Kannenberg [mailto:mitchk@lbgsioux.com]
Sent: Friday, May 02, 2008 7:46 AM
To: Gronlund, Eric
Cc: Tim Kenyon
Subject: Re: Brown Cty Landfill water permit application

Good Morning Eric:

I will bring my stamp for the map next week. I will also bring a \$50.00 check - you do not need to write the county for this additional fee. (It was my oversight that caused them not to send the fee in the first place, so LBG will cover it). Tim is making me take it out of my own pocket (just kidding).

Thank you, Eric.

Mitch

Eric.Gronlund@state.sd.us wrote:

Mitch:

The Water Rights Program received this application from Brown County. You affixed your PE seal to the cover letter, however, the map needs to also be signed with your PE seal affixed. Can you provide this on the map that shows the location of the well? You can mail another copy or bring your seal with you to Pierre next Thursday (it is my understanding that we are tentatively meeting on alternate well sites for SBHWS that day).

Additionally, the application filing fee of \$475 was submitted by the county but they did not include the \$50 licensing fee. We will write the county for this additional fee.

Eric Gronlund
Water Rights Program, DENR
523 E. Capitol Avenue
Pierre SD 57501
605 773-3352

05/02/2008



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 7032-3, Brown County Landfill**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Program, Department of Environment and Natural Resources concerning Water Permit Application No. 7032-3, Brown County Landfill, c/o Mike Wiese, 13225 379th Avenue, Aberdeen SD 57402.

The Chief Engineer is recommending APPROVAL of Application No. 7032-3 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) it is in the public interest with the following qualifications:

1. The wells approved under this Permit will be located near domestic wells and other 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 adequate wells having prior water rights.
2. The wells authorized by Permit No. 7032-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.

See report on application for additional information.

Garland Erbele, Chief Engineer
June 27, 2008

REPORT ON WATER PERMIT APPLICATION NO. 7032-3
For Brown County Sanitary Landfill
June 16, 2008

Application No. 7032-3 proposes to appropriate 1.9 cfs (850 gpm) from 10 to 15 wells approximately 30 to 40 feet deep and located in the NW ¼ of section 14, T123N R65W to dewater the expansion area of the Brown County Landfill. The water will be discharged to an unnamed intermittent stream.

AQUIFER – PLEISTOCENE UNKNOWN (PS-U)

The Pleistocene Unknown aquifer consists of buried coarse sand and silty fine to medium sand that is under slightly artesian conditions at this site. The aquifer is overlain by till and underlain by shale. The aquifer appears to be thin and bounded on the west, north and south in this immediate area. From the Brown County study the area for this application is mapped as being two to three miles west of the Elm aquifer (Koch, 1976). It appears from the application and from the county study that water would be expected to move from west to east in this area.

Numerous test holes have been completed by the applicant. A map of the aquifer has been produced by Leggette, Brashears and Graham, Inc. showing the thickness and location of the sand and gravel. The amount of water in storage should not be very large and it appears the proposal would involve dewatering the aquifer permanently and basically excavating a portion of the aquifer to allow for the landfill.

The Water Rights Program monitors an observation well within five miles of this application but completed into the Elm Aquifer. This is observation well BN-73A and water levels for this well should represent conditions at this site. The water levels change in response to climatic conditions. Water levels rise during wet periods (recharge) and decline during dry periods. A hydrograph for this observation well is included with this report for the purpose of illustrating the behavior of water levels over time (Water Rights, 2008).

REVIEW OF EXISTING WATER PERMITS/RIGHTS

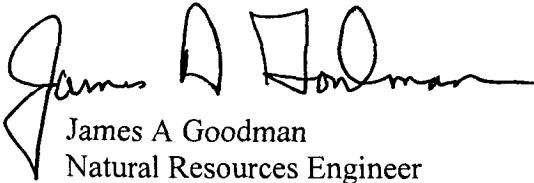
There are no other water permits/rights in this area that obtain water from this source. Interference is not a concern. There may be domestic wells that use this aquifer as a water source but no records are available showing this to be a fact.

CONCLUSIONS

1. This is a beneficial use of water.
2. Water availability is not a question. The applicant would prefer there was no water to have to worry about. The applicant will pump the amount of water needed to dewater this area. The pumping rate is probably greatly overestimated.
3. This water source may be part of the Elm aquifer system but according to the Brown County study was not mapped as part of the Elm. The water source appears to be under artesian conditions so drawdown will result from pumping. Drawdown is not the issue

however, because the applicant really wants to dewater this source for the purpose of constructing the landfill. Interference is not expected to be a problem. There does not appear to be any other users from this source in this area.

4. The wells authorized by this application must be constructed in accordance with SD Well Construction Standards.
5. If this design works out and pumping is continuous there will be discharge to a creek. The landfill will need to pursue obtaining a permit to discharge in that instance.



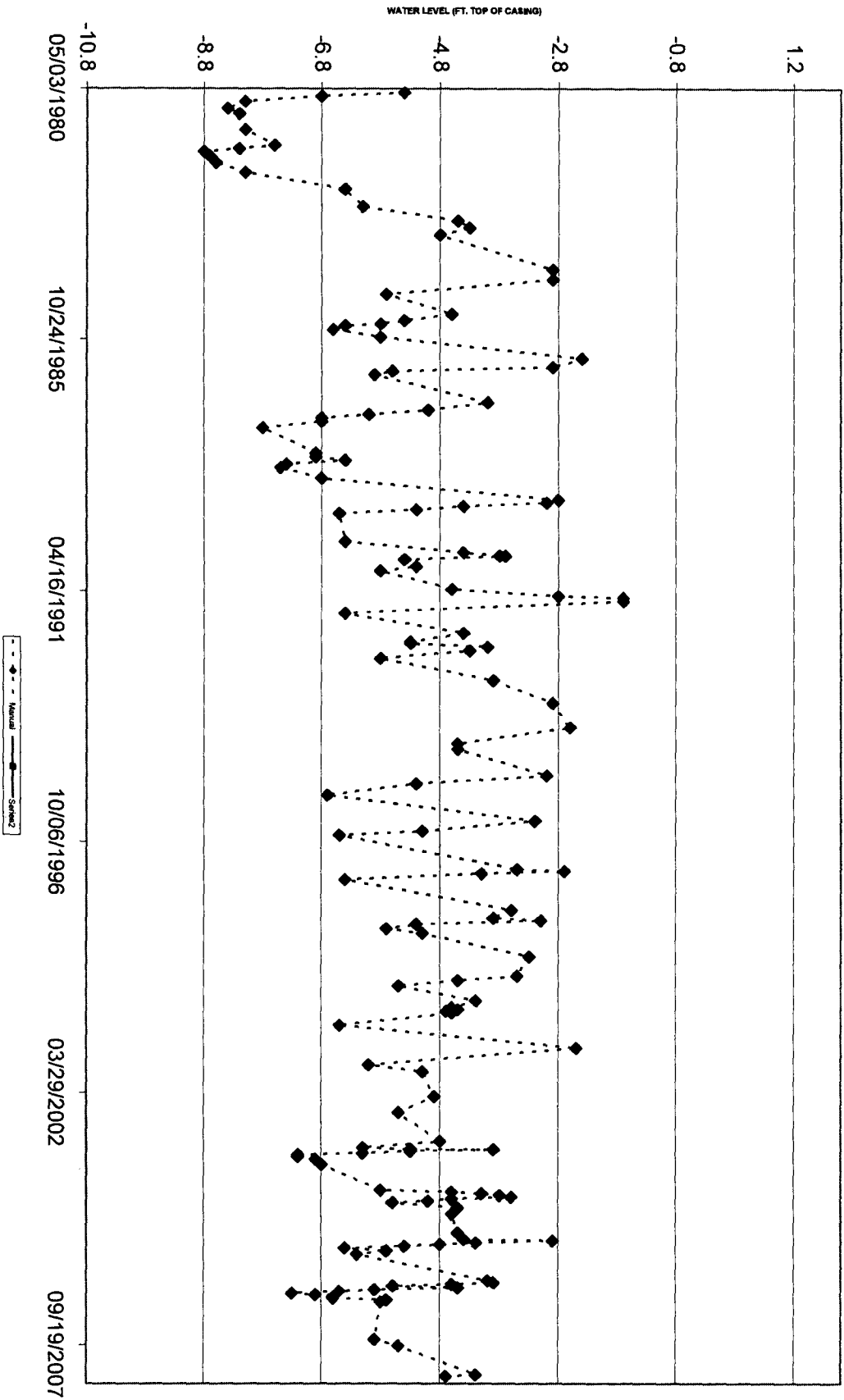
James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

Koch, N.C., W. Bradford, 1976, Geology and Water Resources of Brown County, South Dakota, Part II Water Resources, Bulletin 25, SD DENR, SDGS, Vermillion, SD, 57069.

Water Rights, 2008, Unpublished Observation Well Data for Brown County, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

WATER RIGHTS' OBSERVATION WELL BN-73A



RECEIVED

JUL 28 2008

WATER RIGHTS
PROGRAM

AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA}

§

COUNTY OF BROWN}

(No. 1682408)

(July 10, 17, 2008 - 27)

NOTICE OF APPLICATION

NO. 7032-3

to Appropriate Water

Mary Burt being duly sworn, on his/her oath says: That the AMERICAN NEWS is a daily newspaper of general circulation, printed and published in Aberdeen, Brown County, South Dakota, by the Aberdeen News Company, a corporation, and has been such a newspaper during the times hereinafter mentioned; That affiant is an employee and principal clerk of said publisher and has personal knowledge of all facts stated in this affidavit; That the advertisement headed:

Legal Notice # 1682408

Applicant

7032-3

a printed copy of which is hereunto attached, was printed and published in the regular and entire issue of said newspaper, and not in a supplement thereof, once each

week for 2 successive days.

The first publication being made on the 10 day of July, 2007.

The second publication being made on the 17 day of July, 2007.

The third publication being made on the _____ day of _____, 2008.

The fourth publication being made on the _____ day of _____, 2008.

The fifth publication being made on the _____ day of _____, 2008.

The sixth publication being made on the _____ day of _____, 2008;

That said newspaper is a legal newspaper published five days or more each week; with a bona fide circulation of more than two hundred copies daily; published in the English language within the said county of Brown for more than one year prior to the first publication of said notice; and printed in whole in an office maintained at the place of publication of said newspaper; That the whole amount of the fee paid for the publication of the annexed notice is \$ 95.72, which insures solely to the benefit of said publisher; That no agreement or understanding for a division thereof had been made with any other person; and That no part thereof has been agreed to be paid to any person whomsoever.

Mary Burt

Subscribed and sworn to before me this 17 day of July, 2008.

Daily Circulation 18,000

[Signature]

Notary Public, Brown County, S

My commission expires March 20, 2013

Notice is given that Brown County Sanitary Landfill, c/o Mike Wiese, PO Box 2137, Aberdeen SD 57402 has filed an application for a water permit to appropriate 1.9 cubic feet of water per second from 10 to 35 wells to be completed into the Pleistocene Unknown Aquifer (approximately 30 to 40 feet deep) located in the NW 1/4 Section 14-T123N-R65W to dewater the expansion area of the County landfill. Water will be discharged to an un-named intermittent stream.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7032-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on this application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by July 28, 2008.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.

EAL



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

July 1, 2008

American News
PO Box 4430
Aberdeen SD 57402

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 7032-3 to Appropriate Water to be published twice. Please publish the first notice on July 10, 2008 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Brown County Sanitary Landfill, c/o Mike Wiese, PO Box 2137, Aberdeen SD 57402 (Ph # 605-626-4019).

Please send the Water Rights Program the first publication immediately. The publication is checked for accuracy so any corrections can be made in the second publication. You may use the form below or fax a copy of the first publication. Any fax should be sent to the attention of Karen Schlaak at (605) 773-4068. Publication errors can invalidate the public notice.

After the second publication, **please send us an affidavit or use the enclosed Proof of Publication form.** The applicant pays the cost of publication, but the Water Rights Program records require an affidavit or Proof of Publication. Delays in receiving the affidavit can be costly to the applicant.

Sincerely,


Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

-----CUT HERE-----

No. 7032-3

TO: Eric Gronlund
Water Rights Program
Joe Foss Building
Pierre SD 57501-3181

Date _____

We are in receipt of your letter of July 1, 2008 enclosing Notice to Appropriate Water by Application No. 7032-3 which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name

Newspaper



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

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

July 1, 2008

Brown County Sanitary Landfill
c/o Mike Wiese
PO Box 2137
Aberdeen SD 57402

Dear Mr. Wiese:

Water Permit Application No. 7032-3 for dewatering use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Publisher of the American News printed at Aberdeen SD (Ph # 605-225-4100). You will need to contact the newspaper and authorize publication of this notice. For your information, a copy of the notice, the recommendation of the Chief Engineer and report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your Notice and to arrange for payment. Early contact with the paper can eliminate delays. Upon receiving authorization, the publisher has been instructed to publish your notice once each week for two consecutive weeks. The newspaper has also been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,

Eric Gronlund
Natural Resources Engineer
(605) 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendation, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the application.

Instruction to Newspaper - Publish first Notice on July 10, 2008 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 7032-3 to Appropriate Water

Notice is given that Brown County Sanitary Landfill, c/o Mike Wiese, PO Box 2137, Aberdeen SD 57402 has filed an application for a water permit to appropriate 1.9 cubic feet of water per second from 10 to 35 wells to be completed into the Pleistocene Unknown Aquifer (approximately 30 to 40 feet deep) located in the NW ¼ Section 14-T123N-R65W to dewater the expansion area of the County landfill. Water will be discharged to an un-named intermittent stream.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7032-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on this application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

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DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

AUG 19 2000

Brown County Sanitary Landfill
Mike Wiese
PO Box 2137
Aberdeen SD 57402

Dear Mr. Wiese:

Enclosed is Water Permit No. 7032-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Form 10, *Notice of Completion of Works and Application of Water to Beneficial Use*, is enclosed. Please return this completed form after you have finished the system and have put the water to beneficial use. An investigation can then be scheduled so the water license may be issued, thus completing the acquisition of a water right.

An informational sheet *Common Water Right Questions?* is also enclosed. This sheet is intended to answer some of the questions associated with obtaining and keeping a water right.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures