

WATER PERMIT NO. 1870-1

Name of Applicant: Luff Exploration Company

Address: 1580 Lincoln St, Suite 850, Denver CO 80203

Phone: 303 861-2468

Amount of Water Claimed: 0.013 cfs

Total Acres: NA

Source of Water Supply: groundwater (one existing well)

Water to be used for: industrial use

County: Harding

Type of Waste Disposal System:

Location: approximately 20 miles northwest of Buffalo

PRIORITY Date Received: 10-2-06

Application/License Fee: \$100

Corrected Application Received: 10-10-06

Period of Annual Use: January 1 – December 31

Remarks: increases the diversion rate authorized by Water Permit No. 1734-1

Diversion Point: SW ¼ SW ¼ Sec 21-T22N-R4E

Land to be Irrigated: NA

Depth of Well: 9150 feet deep

Well Driller:

Remarks:

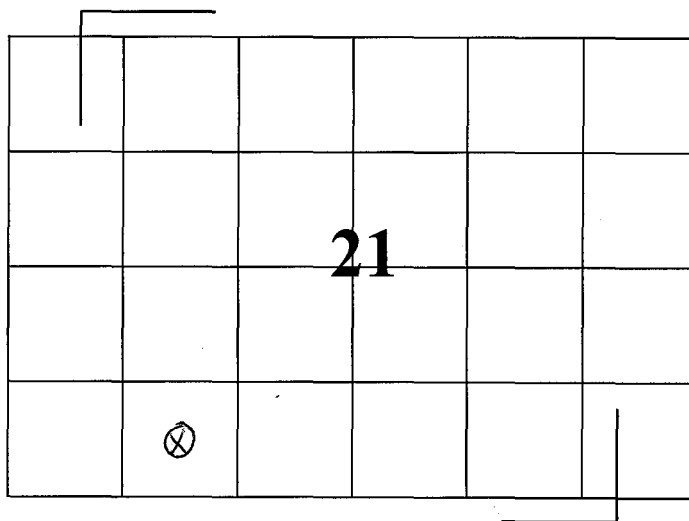
Type of Map: plat

Prepared by: Danny Brosz, RLS

Reviewed and the Number Assigned on: 10-12-06

By: Karen Schlaak

Notice of Hearing - date to intervene: _____



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

(office use only)
No. 1870-1 Hydrologic Unit 10130302
Basin Grand River
Newspaper Nations Center News
Buffalo

RECEIVED
OCT - 2 2006
WATER RIGHTS
PROGRAM

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 _____ | |

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. 1734-1

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

Requesting that maximum daily rate be increased to 26 GPM (approximately 890 barrels of produced water per day. This represents an increase of 6 GPM above the approved rate.

- Name of Applicant Luff Exploration Company Phone (303) 861-2468
(check one) ☒ Owner ☐ Tenant/lessee
Mailing Address 1580 Lincoln Street, Suite 850 Denver State CO 80203
(Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 0.013 *CFS or 6 **GPM ***AF
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable
- Source of water supply Applicant considers it Dakota. Water Rights Program considers it Newcastle Sand.
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Harding
One well in SW/4 - SW/4, Section 21, T22N, R4E
- County or counties where water will be used Harding
- Annual period during which water is to be used January 1st through December 31st
- 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)

Water will be injected in the Red River formation within the boundaries of the North Buffalo Red River Unit. This unit is a secondary oil recovery project that has been approved by the SD-DENR, Oil & Gas Program and the US Department of Interior, Bureau of Land Management.

Colorado

STATE OF ~~SOUTH DAKOTA~~

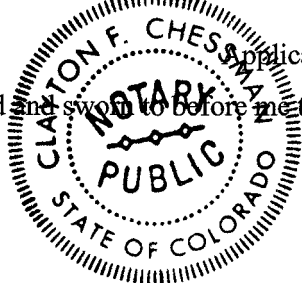
County of _____

SS

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, Richard D. George, 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.

Subscribed and sworn to before me this 15th day of September 20 06



Applicant's signature

[Signature]

[Signature]

Notary Public signature

**SOUTH DAKOTA
WATER PERMIT NO. 1870-1**

Date of first receipt of application October 2, 2006.

Date of return to applicant for corrections, amendments or changes October 3, 2006.

Date of receipt of corrected application October 11, 2006.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 1870-1 to Luff Exploration Company, 1580 Lincoln St, Suite 850, Denver CO 80203 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. 1870-1 to increase the diversion rate authorized by Water Permit No. 1734-1. Water Permit No. 1734-1 appropriates 0.044 cubic feet of water per second (cfs) [20 gallons per minute] from one well to be completed into the Newcastle Sandstone Formation (9150 feet deep) located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 21-T22N-R4E. This permit increases the diversion rate from the existing well an additional 0.013 cfs [6 gallons per minute] for a total diversion of 26 gallons per minute.
2. The water appropriated shall be used for the purpose of industrial use in a secondary oil recovery project 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. 1870-1 is January 2, 2007.
5. The date from which applicant may claim right is October 2, 2006.
6. One-fifth of the construction is to be completed on or before June 2, 2009.
7. All construction is to be completed on or before January 2, 2012.
8. Water is to be put to beneficial use on or before January 2, 2016.
9. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

WATER MANAGEMENT BOARD

By: Garland Erbele

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

MAR 14 2007

date



(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 7-7/8" Depth 9,150'
- b) Casing Type Steel Diameter 5-1/2inOD Thickness .275&.304"
- c) Screen Type None Diameter _____ Thickness _____
- d) Gravel Pack None Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material 4,700'
- f) Depth to Water (ground surface to water level) 615'
- g) Distance to nearest existing domestic well:
On applicants property Not applicable On property owned by others Not applicable

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) Not applicable
- b) System Capacity (gallons) _____ Year Constructed _____
- c) Connected to the City of _____ Sanitary System

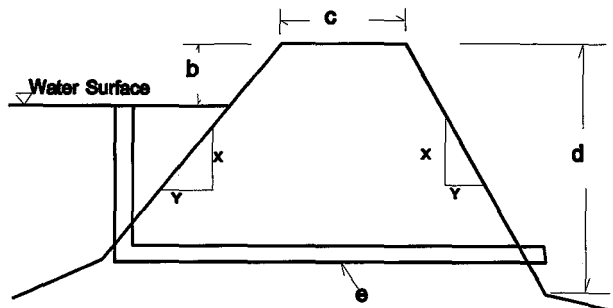
3. Dugout Information

- a) Surface Dimensions 400 BBL Tanks Depth Aboveground
- b) Depth to water (ground surface to water level) _____

4. Water Storage Dams

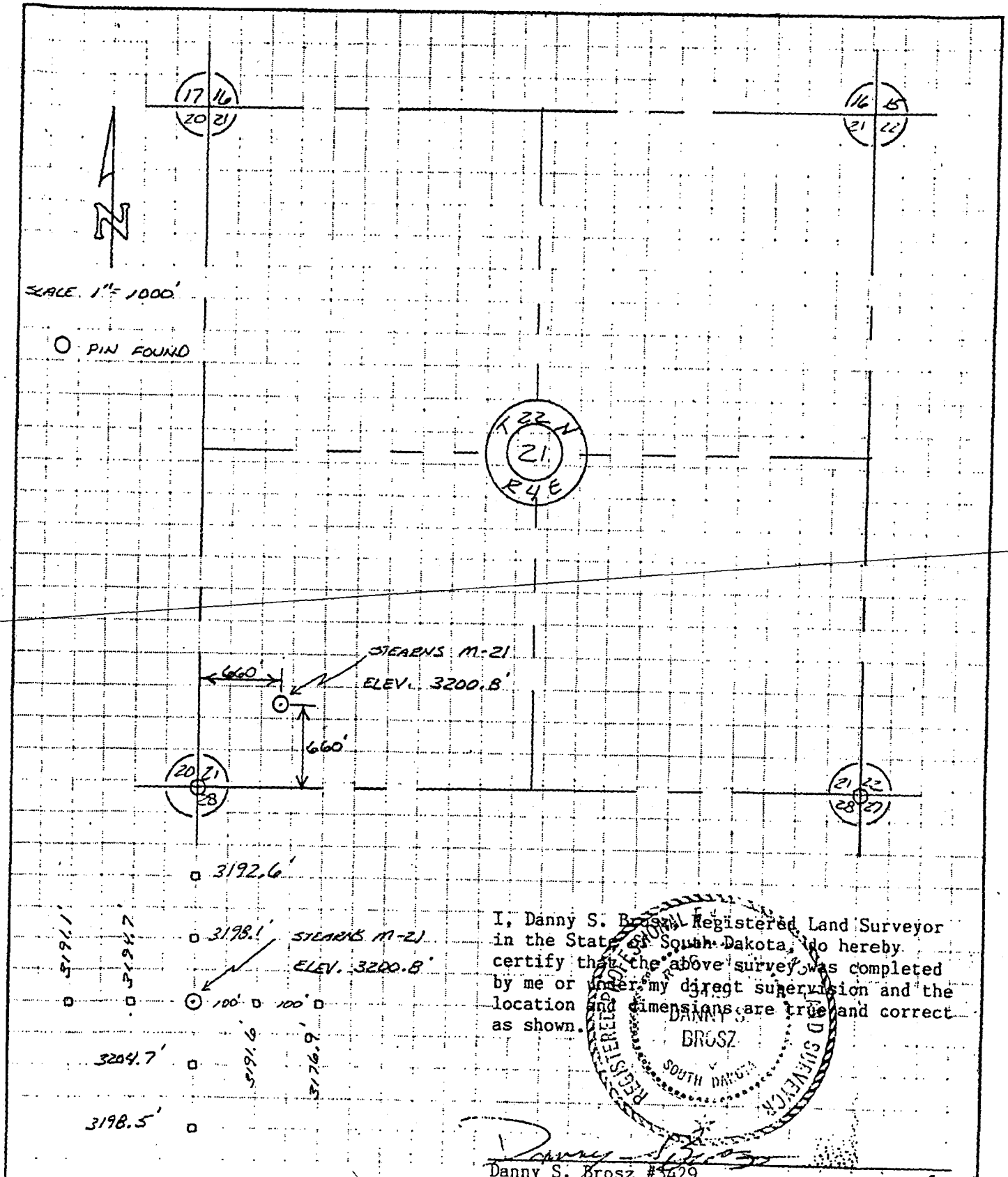
If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

- 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

CLIENT LUFE LOCATION
JOB M-21 STEARNS GGD FSL GGD FWL
LOCATION SEC 21 T22N R9E HARDING Co.,³
DRAWN BY DAHLSON DATE 9-24-84



1734-1

LUFF EXPLORATION COMPANY

STEARNS M-21

SW SW SEC. 21, T22N, R4E

N. BUFFALO RED RIVER UNIT

HARDING CO. SOUTH DAKOTA

This represents the M-21 well as a water supply well

KB @ 3,211 ft.

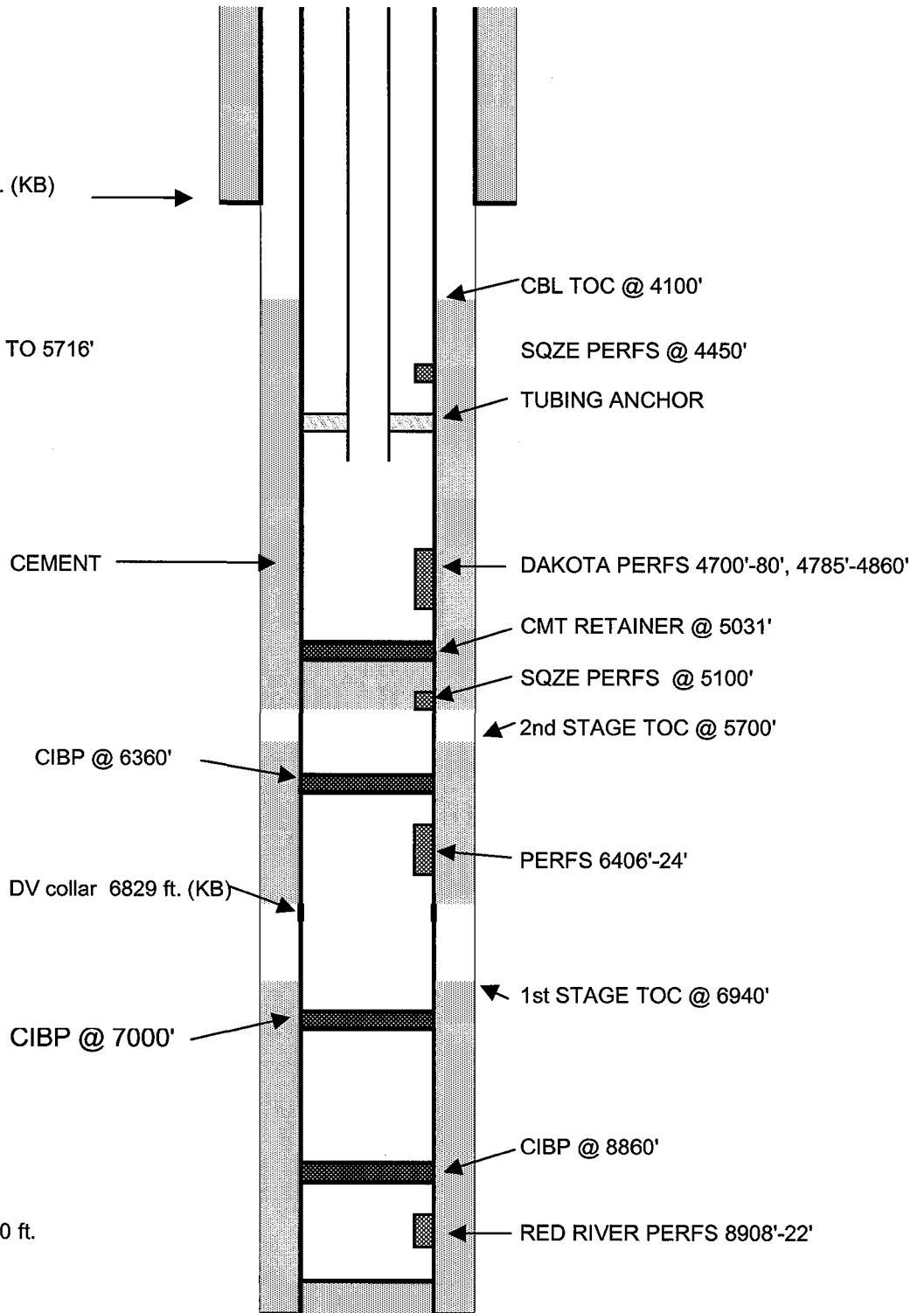
GL @ 3,198 ft.

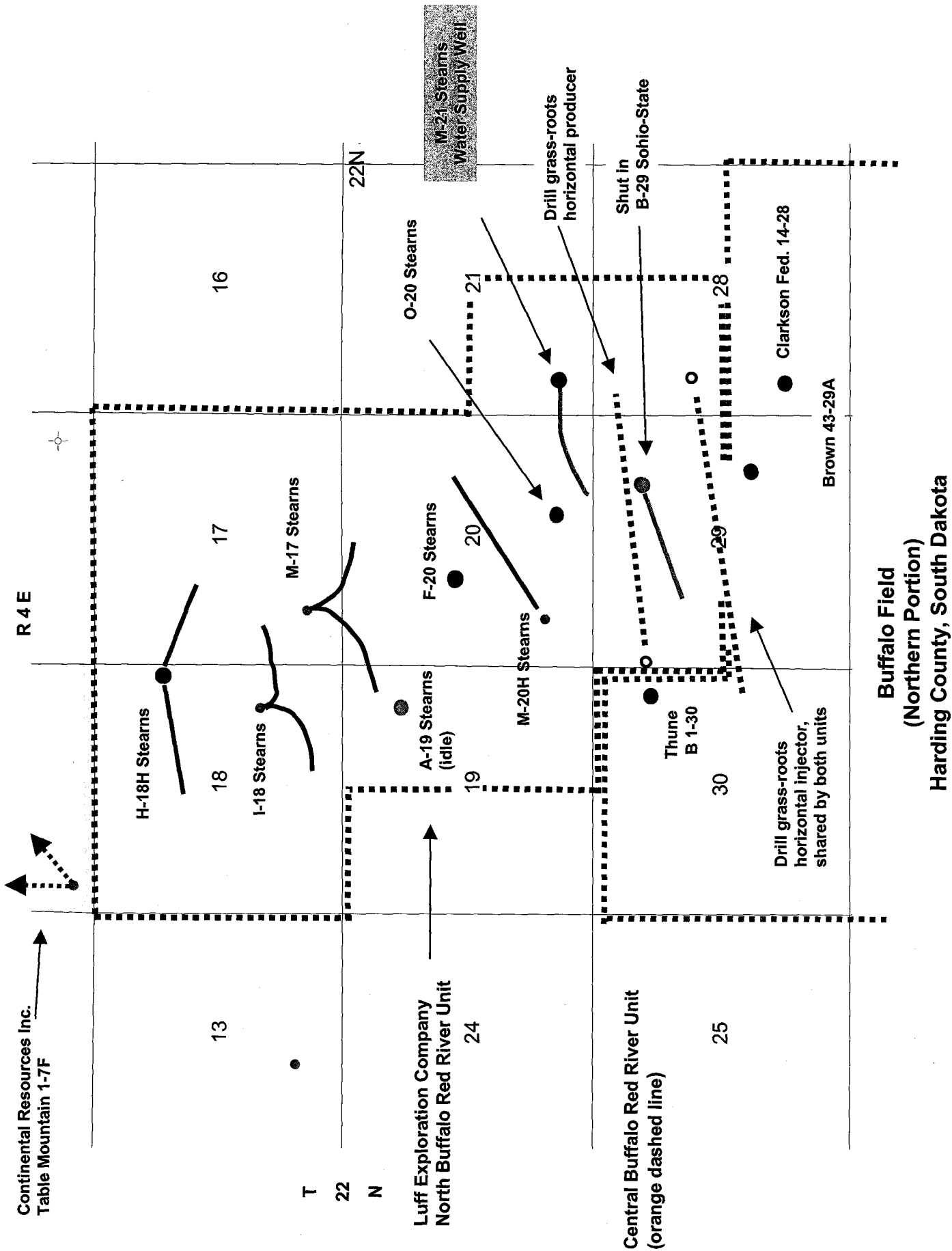
8-5/8" csg set at 2,058 ft. (KB)

Cemented w/ 925 sx

17# CSG TO 2468'

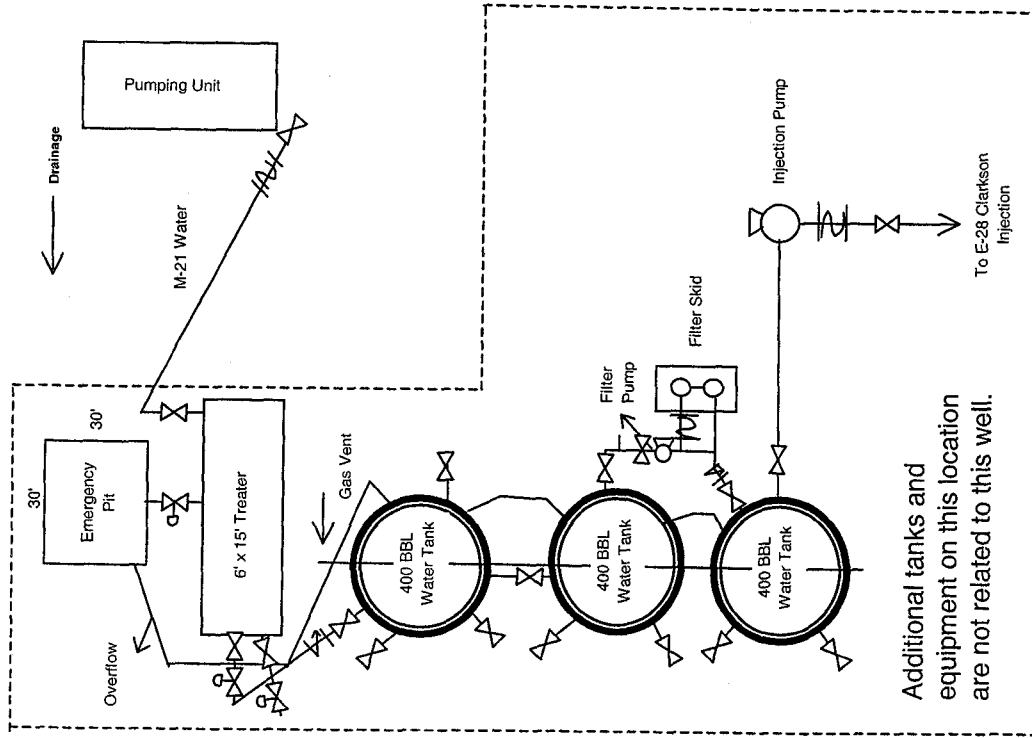
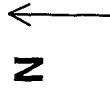
15.5# CSG FROM 2468' TO 5716'





Luff Exploration Company
 Stearns M-21
 API 40-063-20415
 Buffalo Field
 Harding County, South Dakota

Values
 X- Block
 Q- Dump
 W- Meter
 /- Check



RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date October 12, 20 06

RECEIVED OF Luff Exploration Company, 1580 Lincoln St, Suite 850, Denver CO 80203

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

Fee for Application for Permit No. <u>1870-1</u> 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>1870-1</u>	50	00
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	100.00

No.

02603

By

Darland Albed
Chief Engineer
gm

RICHARD D. GEORGE

Eric:

Per our telephone conversation, this is an amendment to Permit 1734-1, for the incremental volume of 6 GPM, to bring the total requested volume to 26 GPM, or approximately 890 barrels of produced water per day.

Please call me if you have questions or comments.

A handwritten signature in black ink, appearing to be 'R. George', with a large, sweeping initial 'R'.

Richard

RECEIVED

OCT - 2 2006

**WATER RIGHTS
PROGRAM**



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

October 3, 2006

Luff Exploration Company
Richard D George
1580 Lincoln St, Suite 850
Denver CO 80203

Dear Mr. George:

Thank you for submitting the *Application for a Permit to Appropriate Water* to increase the diversion rate authorized by Water Permit No. 1734-1.

In order to complete the application, the application/license fee of \$100.00 is required.

Upon receipt of the fee, further processing will continue. If you have any questions, please contact me.

Sincerely,

Karen Schlaak
Water Rights Program
605 773-3352
karen.schlaak@state.sd.us



**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. 1870-1, Luff Exploration**

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. 1870-1, Luff Exploration, c/o Richard George, 1580 Lincoln Street, Suite 750, Denver CO 80203

The Chief Engineer is recommending APPROVAL of Application No. 1870-1 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.

See report on application for additional information.

Garland Erbele, Chief Engineer
December 4, 2006

REPORT ON APPLICATION NO. 1870-1

For Luff Exploration Company

November 15, 2006

Application 1870-1 proposes to increase the diversion rate authorized by Water Permit No. 1734-1. Water Permit No. 1734-1 appropriates 0.044 cubic feet of water per second (cfs) [20 gallons per minute] from one well to be completed into the Newcastle Sandstone Formation (approximately 4,860 feet deep) located in the SW ¼ SW ¼ Section 21, T22N-R4E in Harding County. This application proposes to increase the diversion rate from the existing well an additional 0.013 cfs (6 gallons per minute) for a total diversion of 0.057 cfs (26 gallons per minute). The water is for industrial use in a secondary oil recovery project.

AQUIFER – NEWCASTLE SANDSTONE (NCSL)

The Newcastle sandstone is a marine sandstone with some shale, fine-grained and white to light gray in color. Thickness of this formation is generally less than 100 feet thick in this region. The Newcastle underlies approximately 1.7 million acres in Harding County and contains an estimated 9.6 million acre-feet of recoverable water in storage (Allen, 1984). Like the Inyan Kara aquifer, the Newcastle sandstone is under artesian conditions over a wide area in western South Dakota and in many cases flowing wells can be obtained (Rahn, 1979).

REVIEW OF EXISTING WATER PERMITS/RIGHTS

There is one existing Water Right appropriating water from the Newcastle sandstone in Harding County located approximately 7.5 miles to the southwest of this application. This well is for Water Right No. 1350-1 (0.10 cfs for an oil field water flood project). Interference should not be a problem.

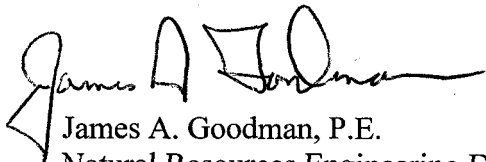
CONCLUSIONS

1. The Newcastle sandstone is a viable groundwater source and water is available for this appropriation.
2. The aquifer is under confined conditions at this site. Interference should not be a concern.
3. The well authorized for this application is an existing well and does not appear to be completed in accordance with SD Well Construction Standards. There is approximately 2,000 feet of casing that was not grouted in this well.



Aaron R. Tieman
Natural Resources Engineer

Approved by



James A. Goodman, P.E.
Natural Resources Engineering Director

BIBLIOGRAPHY

Allen, J.C., D. Iles, A. Petres, 1984, Analysis of Groundwater and Streamflow Data, Western Dakotas Region of South Dakota, Task 3 & 4: Groundwater Resources Inventory, US Army Corp of Engineers Contract DAWC 45-82-C015, SD DENR Division of Geological Survey, Vermillion SD.

Rahn, P. H., 1979, Groundwater Resources of Western South Dakota, US Army Corps of Engineers, South Dakota School of Mines and Technology, Project #2533.

Affidavit of Publication

STATE OF SOUTH DAKOTA:

COUNTY OF HARDING:

Stewart Huntington of said County and State being first duly sworn, on his oath says: That the NATION'S CENTER NEWS is a legal week newspaper of general circulation, printed and published in the City of Buffalo, in said County and State by Stewart Huntington, and has been such a newspaper during the times hereinafter mentioned; and that said newspaper has a bonafide circulation of at least 200 copies weekly, and has been published within said County in the English language for at least one year prior to the first publication of the notice herein mentioned, and is printed in whole or in part in an office maintained at the place of publication; and that I, Stewart Huntington, the undersigned, am the Publisher of said newspaper and have personal knowledge of all the facts stated in this affidavit; and that the advertisement headed:

Notice of Application
No. 1870-1

a printed copy of which is hereto attached, was printed and published in said newspaper for 2 successive and consecutive weeks, the first publication being made on the 14th day of Dec., 2006, and the last publication on the 21st day of Dec., 2006, that the full amount of fees charged for publishing same, to-wit: The sum of \$ 38.68, insures solely to the benefit of the publisher of the NATION'S CENTER NEWS, that no agreement or understanding for a division thereof has been made with any person and that no part thereof has been agreed to be paid to any other person whomsoever.

[Signature]

Subscribed and sworn to before me this 21st day of Dec., 2006

[Signature]

Notary Public, Lawrence County, South Dakota

My commission expires: 10-24-2010



NOTICE OF APPLICATION NO. 1870-1 to Appropriate Water

Notice is given that Luff Exploration Company, 1580 Lincoln St, Suite 850, Denver CO 80203 has filed an application for a water permit to increase the diversion rate authorized by Water Permit No. 1734-1. Water Permit No. 1734-1 appropriates 0.044 cubic feet of water per second (cfs) [20 gallons per minute] from one well to be completed into the Newcastle Sandstone Formation (9150 feet deep) located in the SW 1/4 SW 1/4 Section 21-T22N-R4E. This application proposes to increase the diversion rate from the existing well an additional 0.013 cfs [6 gallons per minute] for a total diversion of 26 gallons per minute. The water is industrial use in a secondary oil recovery project.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 1870-1 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 the 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 the 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 January 2, 2007.

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.

#472
DEC. 14, 21

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DEC 28 2006

WATER RIGHTS
PROGRAM



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

December 5, 2006

Nation's Center News
PO Box 107
Buffalo SD 57720-0107

ATTENTION: Legal Public Notice

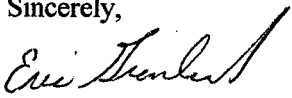
Enclosed is a Notice on Application No. 1870-1 to Appropriate Water to be published twice. Please publish the first notice on December 14, 2006 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

Please BILL the APPLICANT for the cost of publication. The APPLICANT is Luff Exploration Company, 1580 Lincoln St, Suite 850, Denver CO 80203 (Ph # 303-861-2468).

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. 1870-1

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

Date _____

We are in receipt of your letter of December 5, 2006 enclosing Notice to Appropriate Water by Application No. 1870-1 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.**

December 5, 2006

Luff Exploration Company
% Richard George
1580 Lincoln Street Suite 850
Denver CO 80203

Dear Mr. George:

Water Permit Application No. 1870-1 for industrial 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 Nation's Center News printed at Buffalo, SD (Ph # 605-375-3228). 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 a 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 December 14, 2006 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 1870-1 to Appropriate Water

Notice is given that Luff Exploration Company, 1580 Lincoln St, Suite 850, Denver CO 80203 has filed an application for a water permit to increase the diversion rate authorized by Water Permit No. 1734-1. Water Permit No. 1734-1 appropriates 0.044 cubic feet of water per second (cfs) [20 gallons per minute] from one well to be completed into the Newcastle Sandstone Formation (9150 feet deep) located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 21-T22N-R4E. This application proposes to increase the diversion rate from the existing well an additional 0.013 cfs [6 gallons per minute] for a total diversion of 26 gallons per minute. The water is industrial use in a secondary oil recovery project.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 1870-1 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 the 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 the 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

MAR 14 2007

Luff Exploration Company
c/o Roger D George
1580 Lincoln St
Suite 850
Denver CO 80203

Dear Mr. George:

Enclosed is Water Permit No. 1870-1 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

1870-1

Water Rights Program - DENR
Conversation File Documentation

NAME OF PERSON OR FILE: Water Permit No. 1870-1, Luff Exploration

ADDRESS: COUNTY: Harding County

DATE: December 18, 2007 TELEPHONE: 402 376-3039

RE: Well Depth

COMMENTS:

Water Permit No. 1870-1 appropriates 20 gpm from one well completed into the Newcastle Sandstone formation. The well depth is listed as 9,150 feet deep. While the well is a total depth of 9,150 feet deep, the well is actually back sealed at the approximate 5,000 foot level. At the time the report was prepared the water source was deemed to be the Newcastle Sandstone Formation.

The publication notice stated the well was 9,150 feet deep which may be misleading given the water appropriated is derived from the 5,000 feet level. However, the water source was identified as set forth in the staff engineer's report. Therefore, the publication notice is sufficient.

NAME: Edu Trumbull