

WATER PERMIT NO. 1788-1

Name of Applicant: Veritas Energy, Inc.

Address: LaVerne & Deon Shuck, HC 71 Box 36, Newell SD 57760

Phone: 605 456-2604

Amount of Water Claimed: 0.1 cfs

Total Acres: NA

Source of Water Supply: groundwater (one well)

Water to be used for: livestock watering

County: Butte

Type of Waste Disposal System:

Location: approximately 15 miles northeast of Newell

PRIORITY

Date Received: 2-25-03

Application/License Fee: \$100

Corrected Application Received:

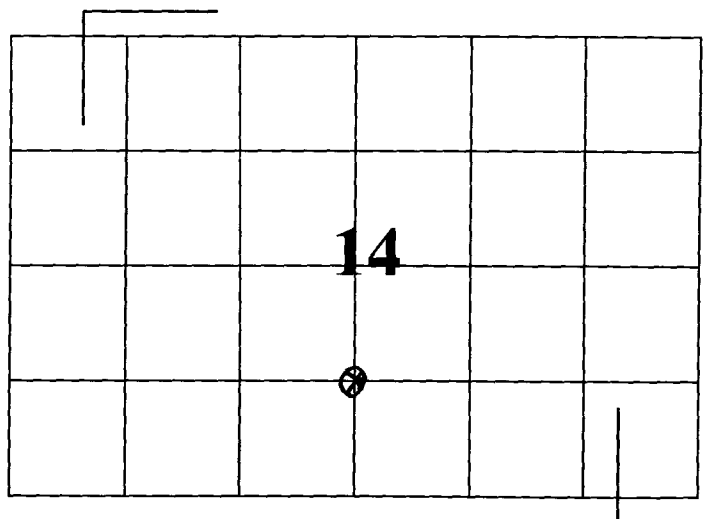
Period of Annual Use: January 1 – December 31

Remarks:

Diversion Point: approximate center of the S ½

Sec 14-T11N-R7E

Land to be Irrigated: NA



Depth of Well: 3600 feet

Well Driller: : Materi Exploration Inc.

Remarks:

Type of Map: topo

Prepared by: Diane Gronlund, NRCS

Reviewed and the Number Assigned on: 2-27-03

By: Karen Schlaak

Notice of Hearing - date to intervene: _____

**SOUTH DAKOTA
WATER PERMIT NO. 1788-1**

Date of first receipt of application February 25, 2003.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 1788-1 to Veritas Energy Inc., HC 71 Box 36, Newell SD 57760 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. 1788-1 appropriates 0.1 cubic feet of water per second (45 gallons per minute) from one well (Inyan Kara Formation) 3490 feet deep located in the approximate center of the S ½ Section 14-T11N-R7E.
2. The water appropriated shall be used for the purpose of supplying water for livestock use 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. 1788-1 is May 19, 2003.
5. The date from which applicant may claim right is February 25, 2003.
6. One-fifth of the construction is to be completed on or before November 19, 2005.
7. All construction is to be completed on or before May 19, 2008.
8. Water is to be put to beneficial use on or before May 19, 2012.
9. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATION

The well 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.

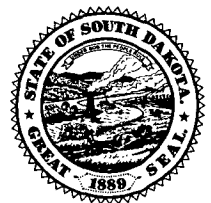
WATER MANAGEMENT BOARD

By: Garland Erbele

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

JUN 13 2003

date



SD EForm - 1585 V1

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

RECEIVED

FEB 24 2003

WATER RIGHTS
PROGRAM

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>1788-1</u>	(office use only) Hydrologic Unit <u>10/20/13</u>
	Basin <u>Lower Cheyenne</u>	
	Newspaper <u>Butte Co. Valley Irrigator</u>	
	<u>Newell</u>	

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>watering livestock</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.)

- Name of Applicant Veritas Energy Inc/LaVerne & Deon Shuck Phone (605) 456-2604
 (check one) ☒ Owner ☐ Tenant/lessee
 Mailing Address HC 71, Box 36, Newell State SD 57760
 (Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 0.1 *CFS or 45 **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 existing deep water well
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Butte
1 well in E2SW4, W2SE4 of 14-11-7
- County or counties where water will be used Butte County
- Annual period during which water is to be used April-November 45 gpm, January-December 10 gpm
- 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)

See attached sheets.

STATE OF SOUTH DAKOTA)

SS

County of Butte

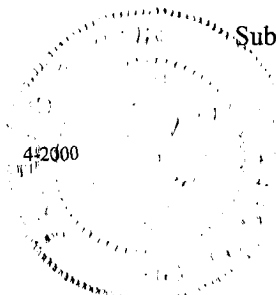
Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Attach map and any other technical information. (see instructions)

 I, Deon Shuck, 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

Deon Shuck Veritas Energy Inc.Subscribed and sworn to before me this 22nd day of February 20 03
Pamela D. Taylor
 Notary Public signature

My Commission Expires September 13, 2011



(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 5" I.D. Depth 3600 ft
- b) Casing Type stl Diameter 5" I.D. Thickness 3/8"
- c) Screen Type _____ Diameter _____ Thickness _____
- d) Gravel Pack _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material _____
- f) Depth to Water (ground surface to water level) 400 ft
- g) Distance to nearest existing domestic well:
On applicants property none On property owned by others unknown

2. Wastewater Disposal System Information

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

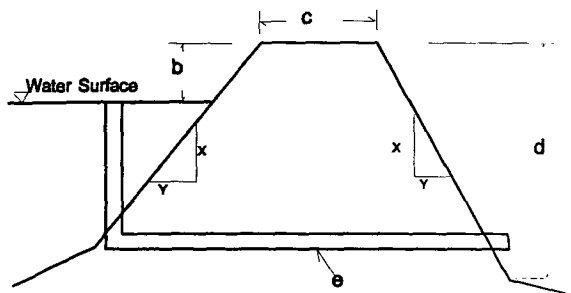
3. Dugout Information

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

4. Water Storage Dams

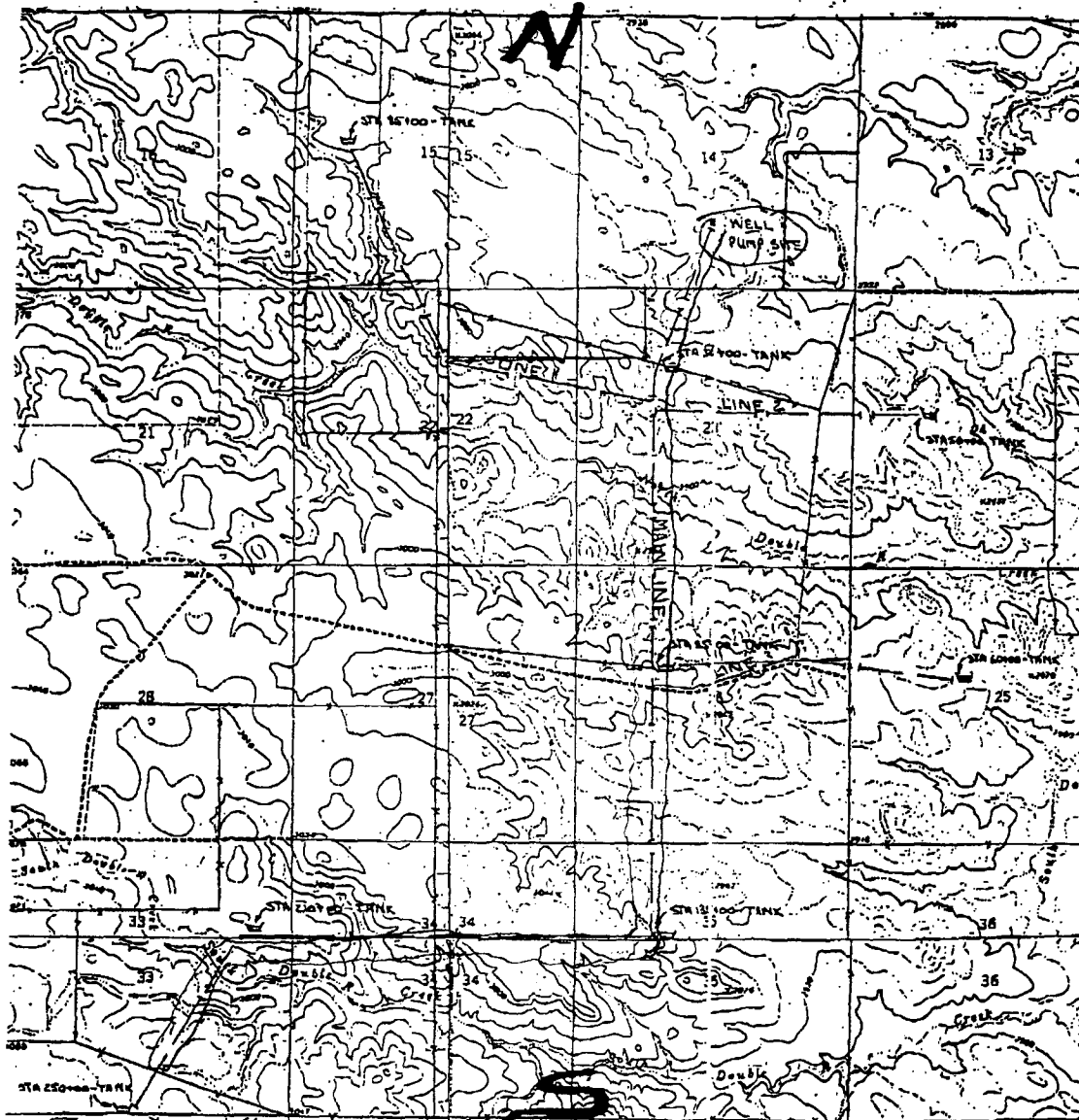
If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

- 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 n/a
- 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

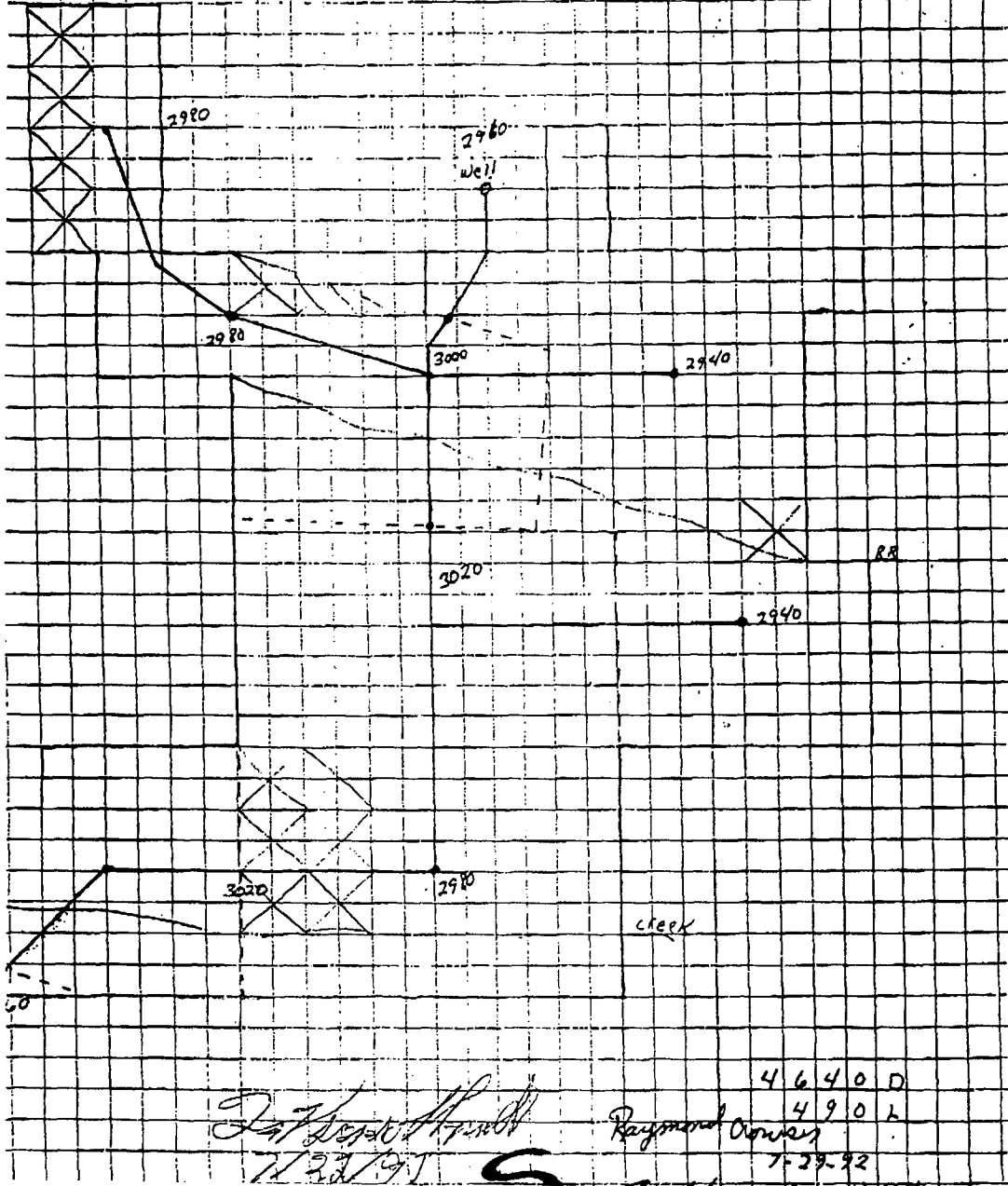
CONTOUR MAP OF CROWSERS LAND



D.S. 2/22/03



PIPING LAYOUT FOR CROWERS LAND



20.8.
2/2 2/03

JOHN O. MILLER and DIANA L. SCOLLARD, of Box 323, Absarokee,
Montana, 59001,

property

located in the County of Butte, State of South Dakota and more
fully described as follows:

Lots 1, 2, 3; S $\frac{1}{2}$ NE $\frac{1}{4}$; SE $\frac{1}{4}$	1	10N 7E BHM
Lots 1,3,4,5; S $\frac{1}{2}$ NE $\frac{1}{4}$; N $\frac{1}{2}$ SE $\frac{1}{4}$; SE $\frac{1}{4}$ SE $\frac{1}{4}$; NE $\frac{1}{4}$ SW $\frac{1}{4}$; SE $\frac{1}{4}$ NW $\frac{1}{4}$	6	10N 8E BHM
Lot 4: SE $\frac{1}{4}$ SW $\frac{1}{4}$	30	
E $\frac{1}{2}$; E $\frac{1}{2}$ SW $\frac{1}{4}$	31	
All in		11N 8E BHM
Lot 4; S $\frac{1}{2}$ NW $\frac{1}{4}$; SW $\frac{1}{4}$	1	
Lots 1,2,3,4; S $\frac{1}{2}$ N $\frac{1}{2}$; S $\frac{1}{2}$	2	
Lots 1,2,3,4; S $\frac{1}{2}$ N $\frac{1}{2}$; S $\frac{1}{2}$	3	
NE $\frac{1}{4}$	9	
N $\frac{1}{2}$; E $\frac{1}{2}$ SE $\frac{1}{4}$; W $\frac{1}{2}$ SW $\frac{1}{4}$	10	
N $\frac{1}{2}$; SW $\frac{1}{4}$	11	
All	12	
N $\frac{1}{2}$, less Lot H-1 in SE $\frac{1}{4}$ NE $\frac{1}{4}$	13	
All	14	
N $\frac{1}{2}$ NE $\frac{1}{4}$; S $\frac{1}{2}$ SE $\frac{1}{4}$	15	
That portion of the E $\frac{1}{2}$ lying North of Highway 212	23	
All in		10N 7E BHM

Description
of Backer Property
for your lawyer

D. A.
2/22/63

2/22/03

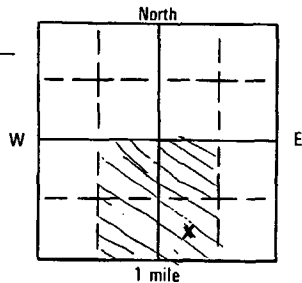
[illegible]

SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

Location W 1/2 SE 1/4 Sec H Twp 11N Rg 7ECounty Butte

Please mark well location with an "X"

Well Completion Date 1-12-91

PROPOSED USE:

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

Method of Drilling:

Rotary

CASING DATA:

☒ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
15.5 LB/FT	5 1/2 IN	0 FT	932 FT	7 7/8 IN
11.6 LB/FT	4 1/2 IN	932 FT	3490 FT	6 1/4 IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUT:

Was the well grouted? ☒ YES ☐ NOTo what depth? 600 & 200 FEETWhat is grouting material? Like & PremiumIf cement, number of sacks? 200 + 35Describe grouting procedure Pressure methodCwell was 1" cmtl @ surfaceFollowing bond logWhat was grout weight? 13 & 14 LB/GALSCREEN: ☒ Perforated pipe ☐ Manufactured Jet Pump

Diameter _____ IN Length _____ FEET

Material _____

Slot Size Jets Set From 3292 Feet To 3304 Feet PrimarySlot Size _____ Set From 3310 Feet To 3330 Feet PrimarySlot Size _____ Set From 3342 Feet To 3350 FeetOther information 3390 3406 3414 3423 PrimaryWas a packer or seal used? ☐ YES ☒ NO

If so, what material? _____

Describe packer(s) and location? _____

Was well disinfected upon completion? ☒ YES ☐ NO

Explain _____

Bacteriological analysis ☒ YES ☐ NOLaboratory sent to Twin City Lab, Rapid City

Well Owner:

Name LAVERNE Shuck & DEON S'HUCKAddress Newell, S.D.

Well Log:

Depth

Formation	From	To
Gray & tan silty sh	0	30
Gray sh w/ small ss stringers	30	90
Gray, Dark Gray & Black shale w/ some calcareous concretions (Pierre)	90	2160
Chalk & tan sh (Ogallala)	2160	2230
Gray sh & silt clay (Cretaceous)	2230	2855
Gray shaly limestone (Greenhorn)	2855	2870
Dark Gray sh w/ thin ss layers (Wabash)	2870	3115
Gray & brown to tan ss (Dakota Group)	3115	3265
Gray sandy sh/siltstone (Fossil)	3265	3290
Gray to white hard ss (Lakota)	3290	3490

STATIC WATER LEVEL 491' 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 in? _____

WELL TEST DATA:

☒ Pumped☐ Bailed☐ OtherDescribe: Drawdown & static
levels measured by
airline

Pumping Level Below Land Surface

502 ft. After 2 Hrs. pumped 25 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

E-LOGS ON FILEG/R-N/NCMT BondThis well was drilled under license # 205

And this report is true and accurate.

Drilling firm Materi Exploration Inc

Signature of License Representative: _____

Signature of Well Owner: _____

Date 1/18/90VERITAS Energy Inc.

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date February 25, 20 03

RECEIVED OF Veritas Energy Inc., HC 71 Box 36, Newell SD 57760

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

Fee for Application for Permit No. <u>1788-1</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>1788-1</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. 000000

By Darland Elshel
Chief Engineer

gm

VERITAS ENERGY, INCORPORATED

HC 71, BOX 36
NEWELL, SOUTH DAKOTA 57760
TELE: 605-456-2604
E-MAIL: LshuckDshuck@netscape.net

RECEIVED
FEB 21 2003
WATER RIGHTS
PROGRAM

February 21, 2003

Water Rights Program, DENR
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

Re: Permit to Appropriate Water From an Existing Deep-Water Well With a 45 GPM Pump.

To Whom It May Concern:

Enclosed find two copies of application for permit for above referenced, along with check for the \$100 fee.

The system upgrade and pipeline to supply Miller with water for his livestock will be completed by the end of April, 2003. Since Mr. Miller will be added this year, it required a larger pump to accommodate him; as well as, our existing needs.

Mr. Crouser has been on our system for many years at a lower production pump. He will continue to use our well for his livestock.

Any information needed concerning the deep water well that was not supplied on the application form, should be available from Weston Engineering, P. O. Box 260, Upton, Wyoming 82730, telephone number: 307-468-2605 (Mr. Frank Coy).

If you have any questions, we can temporarily be reached at telephone number: 864-941-9192, in South Carolina. Since we are two hours ahead of you, please try to call as late in the day your time, as possible.

We would appreciate your expediting this matter, as soon as possible.

Sincerely,

Veritas Energy, Incorporated



Deon Shuck

Encs.

Water Rights Program - File Documentation

NAME: Deon Shuck

ADDRESS: Newell SD

DATE: 2-25-03 **COUNTY:** Butte **TELEPHONE:** 605 456-2604

RE: pending application

COMMENTS:

I called Deon Shuck regarding getting a signature on the map they submitted with the application. I told Deon that I would forward the map to Butte Co. NRCS and have the person who initialed the map sign it and return it to us.

I called Butte Co. NRCS and talked with Diane Gronlund. I explained the situation. She said to send them the map and Gary Henderickson or herself would sign the map and return it to us.



Karen Schlaak
Environmental Scientist

WATER PERMIT APPLICATION NO. 1788-1
VERITAS ENERGY INC. / LAVERNE & DEON SHUCK
APRIL 21, 2003

Water Permit Application No. 1788-1 proposes to appropriate 0.1 cubic feet of water per second (cfs) [45 gallons per minute] from one well (Inyan Kara aquifer) 3,490 feet deep located in the S½ Sec. 14, T11N-R7E, in Butte County. The water is to be used for domestic (stock watering) purposes.

AQUIFER: Inyan Kara (INKR)

GENERAL:

The well that is to be used for this appropriation has been used for "reasonable domestic use" since it was constructed in 1991. The South Dakota Water Well Completion Report on file for the well indicates the well was constructed in accordance with the SD Well Construction Standards. This is application to place water from the exiting well to beneficial use in necessary since the proposed diversion rate will exceed 25 gpm.

The Inyan Kara aquifer consists of the Fall River Formation and the underlying Lakota Formation. The log for this well identifies 25 feet of the Fuson Shale separating these two formations at this site, but it is often difficult to differentiate the bottom of the Fall River from the top of the Lakota. The two formations are probably hydraulically connected and therefore can be considered a single aquifer. In general, the Inyan Kara aquifer consists of interbedded sandstone (thin bedded to massive), siltstone, and shale. The aquifer is areally extensive, underling over 36,000 square miles of western South Dakota (Allen, 1985). The aquifer underlies 1,431,040 acres and contains an estimated 21,465,600 acre-feet of recoverable water in storage in Butte County alone (Allen, 1985). The top of the Inyan Kara is reported to be 3,115 feet below grade at this well site and the driller reported a static water level of 491 feet below grade in January 1991. The Inyan Kara is estimated to be between 200 and 250 feet thick in this area (Allen, 1985). The thickness of the Inyan Kara aquifer does however, vary considerably within short distances. The Completion Report indicates 375 feet from the top of the Inyan Kara Formation to its base, although not all of this is aquifer material.

WATER AVAILABILITY:

The Water Rights Program does not monitor any observation wells completed into the Inyan Kara aquifer in this area and there is no historic water level data available.

EXISTING WATER RIGHTS:

There are 135 Water Rights/Permits appropriating water from the Inyan Kara aquifer in South Dakota. Twelve Water Rights/Permits appropriate water from the Inyan Kara from Butte County. The nearest Inyan Kara Water Rights (City of Newell) are located approximately 17 miles southwest of this well (Water Rights, 2003).

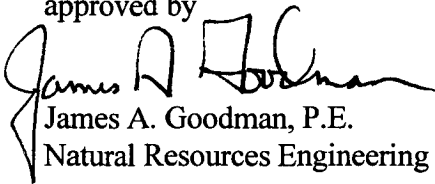
CONCLUSIONS:

1. The Inyan Kara Aquifer is a viable aquifer in this area, and water is available for this appropriation.
2. Well interference should not be a problem at the proposed well site because of the distance from existing wells.



Ken Buhler
Natural Resources Engineering Specialist

approved by



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

REFERENCES:

Allen, J.C., Iles, D.L., and Petres, A.K., 1984, Analysis of Groundwater and Streamflow Data Western Dakotas Region of South Dakota, Tasks 3A.B.C. and 4A.B.: Groundwater Resource Inventory: South Dakota Department of Water and Natural Resources,

Water Rights Program, 2003, "Water Permit Files": DENR-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

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 1788-1, Veritas Energy Inc.**

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. 1788-1, Veritas Energy, Inc., c/o Laverne and Deon Shuck, HC 71 Box 36, Newell SD 57760.

The Chief Engineer is recommending APPROVAL of Application No. 1788-1 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 with the following qualification:

The well 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.

See report on application for additional information.

Garland Erbele, Chief Engineer
April 23, 2003



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

April 23, 2003

Butte Co Valley Irrigator
PO Box 167
Newell SD 57760-0167

ATTENTION: Legal Public Notice

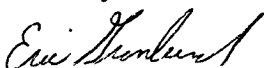
Enclosed is a Notice of Hearing on Application No. 1788-1 to Appropriate Water to be published twice. Please publish the first notice on April 30, 2003 with the second publication 7 days later.

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 Veritas Energy Inc., %LaVerne & Deon Shuck, HC 71 Box 36, Newell SD 57760 (Ph # 605-456-2604).

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. 1788-1

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

Date _____
We are in receipt of your letter of April 23, 2003 enclosing Notice of Hearing to Appropriate Water by Application No. 1788-1 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.**

April 23, 2003

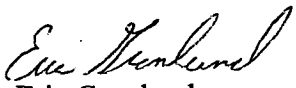
Veritas Energy Inc
% LaVerne & Deon Shuck
HC 71 Box 36
Newell SD 57760

Dear Mr. & Ms. Shuck:

Water Permit Application No. 1788-1 for livestock watering use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publisher of the Butte Co. Valley Irrigator printed at Newell, SD (Ph # 605-456-2585). 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 of Hearing 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 with the last publication to occur twenty days before the board meeting. 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 April 30, 2003 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 1788-1 to Appropriate Water

Notice is given that Veritas Energy Incorporated, c/o LaVerne & Deon Shuck, HC 71 Box 36, Newell SD 57760 has filed an application for a water permit to appropriate 0.1 cubic feet of water per second (45 gallons per minute) from one well (Inyan Kara Formation) 3490 feet deep located in the approximate center of the S ½ Section 14-T11N-R7E to be used to water livestock.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 1788-1 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 May 19, 2003.

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.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) SSCounty of Butte)I, Lori Neighton

certify that the attached printed Notice was taken

from the Butte CountyValley Irrigatorprinted and published in SturgisCounty of Meade and

state of South Dakota. The notice was published

in the newspaper on the following two dates:

May 1, 2003May 8, 2003Cost of Printing \$ 32.35Lori Neighton
(Signature)Office Manager
(Title)May 8, 2003
(Date Signed)

RECEIVED

MAY - 9 2003

WATER RIGHTS
PROGRAMNOTICE OF APPLICATION
NO. 1788-1 to Appropriate
Water

Notice is given that Veritas Energy Incorporated, c/o LaVerne & Deon Shuck, HC 71 Box 36, Newell SD 57760 has filed an application for a water permit to appropriate 0.1 cubic feet of water per second (45 gallons per minute) from one well (Inyan Kara Formation) 3490 feet deep located in the approximate center of the S 1/2 Section 14-T11N-R7E to be used to water livestock.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 1788-1 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 May 19, 2003.

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.

Published Thursday, May 1, and
May 7, 2003
Butte County Valley Irrigator



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

JUN 13 2003

Veritas Energy Inc
%LaVerne & Deon Shuck
HC 71 Box 36
Newell SD 57760

Dear Mr. & Ms. Shuck:

Enclosed is Water Permit No. 1788-1 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

**NOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USE**

Date

6/24/03

TO: Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

FROM:

LAVERNE A. SHUCK (VERITAS ENERGY, INC.)
(name)MC71, BOX 36
(address)NEWELL, SD. 57760
(city, state, zip)(605) 456-2604
(phone)

I have completed the construction of the water use system and I have put the water to beneficial use to the maximum extent it is going to be used.

Water Permit No. 1788-1 states that the water use system is to be constructed by

MAY 19, 2008
(date)

, and water is to be put to beneficial use by

MAY 19, 2012
(date)

The water use system was completed on

MAY 15, 2003
(date)

Applying the water to beneficial use was completed on

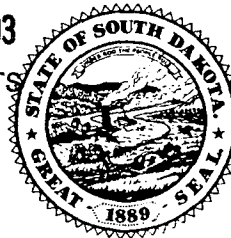
JUNE 1, 2003
(date)

You may schedule an investigation so that the water license may be issued.

LaVerne A. Shuck
(signature)

RECEIVED

JUN 30 2003

WATER RIGHTS
PROGRAM

DESIGN DATA

TYPE OF SYSTEM:

DESIGN FLOW:

MAX. PRESS. • SOURCE OR

MAX. STATIC PRESS.(lowest point) 30.7
MAX. STATIC PRESS.(lowest point) 30.7

MAX. STATIC PRESS.(lowest outlet) 30.7
INTEGRAL GRADE LINE FILE: BEGINNING 3171 END 3133

HYDRAULIC GRADE LINE ELE.: BEGINNING 3177 END 3132
 HIGH POINT ALONG LINE: STA: 8+00 ELE: 3020

HIGH POINT ALONG LINE: STA 8000 ELE 5080
OTHER KEY POINTS ALONG LINE: 16500 TANK

OTHER KEY POINTS ALONG LINE: 16300 17100
32000 TANK

RECOMMENDED PUMP: TYPE Submersible

MODEL Myers ISO25 5HP-35gal

RECOMMENDED PRESS. TANK: SIZE _____

RECOMMENDED PRESS: 17000 LBS. SIZE: _____
MODEL: _____

APPURTENANCES TO BE INSTALLED

Otto Well Shuck's

16500 TANK - Start of Miller land Tank

32000 South of 212 Tank

CONSTRUCTION NOTES

D SD STATE LAW REQUIRES (That no excavator may begin any excavation without first notifying the one-call notification center of the proposed excavation) 1-800-781-7474.

2) PIPELINES DESIGNED FOR POTABLE WATER SHALL USE PIPE CARRYING NSF LABLE & LINES SHALL BE SHOCK CHLORINATED.

3) GUARD POST INSTALLATIONS REQUIRED AT ALL ABOVE GROUND APPURTENANCES.

4) PIPELINE TO BE BURIED TO A MINIMUM OF 6 FT. DEPTH OF COVER

5) WATER BARS ARE TO BE INSTALLED AT LOCATIONS SELECTED BY SCS TECHNICIAN.

ATTACHMENTS TO THIS PLAN

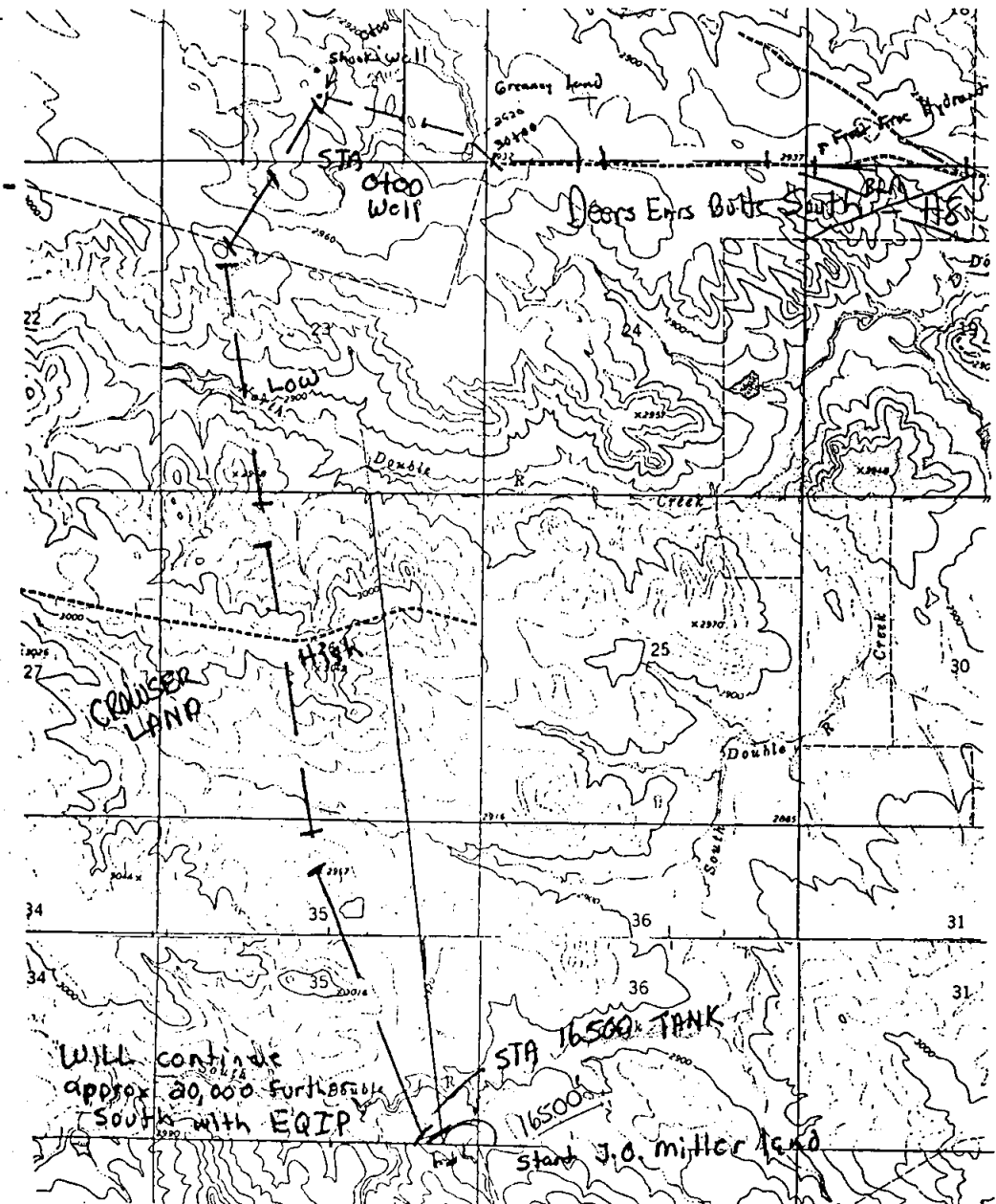
JOB PLAN 12.0 - APPURTENANCES FOR PIPELINES

JOB PLAN 14.5c - STOCKWATER DRINKING STORAGE TANK

TABLE OF QUANTITIES

[illegible]

SOUTH DAKOTA CONSTRUCTION AND MATERIAL SPECIFICATIONS

SD-16 TIMBER FABRICATION AND INSTALLATION
RC-20 STOCKWATER PIPELINE

PLAN VIEW & LOCATION MAP
NOT TO SCALE

Diane L. Lionlund STOCKWATER PIPELINE

J.O. MILLER

14-23-26-35- T I I N - R E

ECP pipeline



U.S. Department of Agriculture
Natural Resources Conservation Service

DESIGNED... C.W.H.

DRAFTED GWH

DATE... 1/6/07

APPROVED BY GWH

TITLE LET

DWG NO.

SHEET ... OF ... SWPT

JOB PLAN 121 V/97

1788-1



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
<http://denr.sd.gov>

September 13, 2017

1788-1

Scott Crowser
Round House Well LLC
12230 Spring Canyon Rd
Whitewood SD 57793

Dear Mr. Crowser:

I am contacting you in regard to Water Permit No. 1788-1 and the pending licensing of the permit. The permit is currently listed in the name of Veritas Energy Inc.

On August 31, 2017, Steve Quissell with our program conducted a field investigation of the water use system for licensing purposes. In his report, he indicated the water permit should be transferred to reflect different ownership.

Enclosed is a partially completed Notice of Transfer of Ownership form for filing an ownership change. Please review the form and make any necessary corrections. Upon completion, please sign the form and return it to our office with a required filing fee of \$50.00. The check or money order for the fee can be made payable to the Water Rights Program. ***If you have already mailed the form to us that Steve left with you, disregard the enclosed form.***

As soon as the transfer of ownership has been completed, a water license will be issued to you for the system as it was developed. If you have any questions, please contact me.

Sincerely,

Genny McMath
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us

enclosure

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date October 16, 20 17

RECEIVED OF Crowser Ranch 12230 Spring Canyon RD Whitewood, 57793-7023

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

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. _____		
Fee for Filing Transfer Form _____ 1788-1		
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. _____	50	00
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	50 00

No. **08361**

By Jeanne Goodman
Chief Engineer zm



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

October 19, 2017

1788-1

Scott Crowser
12230 Spring Canyon Rd
Whitewood SD 57793-7023

Dear Mr. Crowser:

I am writing in regard to Water Right No. 1788-1. This week we received the transfer of ownership form and filing fee from you for changing ownership on the water right.

I am returning the form to you for completion. The portion titled **"be transferred to: (name and address)"** needs to be filled out. Since it was left blank, I do not know if you wanted the water right to be listed in the name of "Round House Well LLC" or "Crowser Ranch" or "Scott Crowser".

Please fill in the area marked on the form and return it in the postage paid envelope included with this letter. Upon receipt, the ownership change will be processed and the water license issued.

Thank you and if you have any questions, please contact me.

Sincerely,

Genny McMath
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us

enclosures



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

June 25, 2018

1788-1

Scott Crowser
12230 Spring Canyon Rd
Whitewood SD 57793-7023

Dear Mr. Crowser:

I am writing in regard to Water Permit No. 1788-1 and the ownership change you submitted. I looked through our files and found the only thing needed was the completed form. You had already paid the filing fee.

I am returning your check # 8083 to you. It was stamped on the back with "deposit only" but it was never submitted for processing or deposited.

The ownership change will now be processed and the water license issued to you. You will receive the license under separate cover within the next couple weeks.

Thank you and if you have any questions, please let me know.

Sincerely,

Genny McMath
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us

enclosures

NOTICE OF TRANSFER OF OWNERSHIP

For assistance call (605) 773-3352

Mail to: PMB 2020
DENR - Water Rights Program
523 E Capitol Ave
Pierre, SD 57501-3182

Water Right/Permit No. _____

Date: _____

RECEIVED
JUN 25 2018
WATER RIGHTS
PROGRAM

I/We request that Water Right/Permit No. 1788-1 formerly owned by:Veritas Energy (Lavern Shuck)

be transferred to:

New Owner Name: Scott CrowserAddress: 12230 Spring Canyon Rd.City, State, Zip Whitewood SD 57793 Telephone No. 605-645-2654

Title to the following described land(s)/property has been transferred as described above:

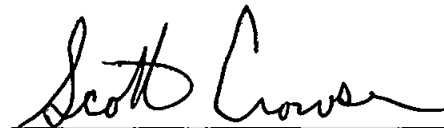
Section 14, T11N R7E

☒ I understand that the validity of Water Right/Permit No. 1788-1 has not been determined by this transfer action. If I have any questions on validity, I understand that only the Water Management Board has the authority to determine if a water right/permit is valid (see note below.)

You are requested to file this "Notice of Transfer" in the appropriate file with the Water Rights Program, as evidence of the change of ownership.

A fee of Fifty Dollars (\$50.00) is included to cover the filing fee as required by SDCL 46-2-13.

I, Scott Crowser, the new owner, certify that the above information is true and correct.



(signed by new owner)

NOTE: Water permits may be cancelled for nonconstruction after the five year construction period has expired. Once a water permit is developed and the water used, the permit becomes a right. A water right may be lost for three reasons:

1. Abandonment - no intent to use water and use is abandoned.
2. Forfeiture - no use of water for three year period without legal excuse.
3. For a third violation of a condition of a water permit/right.

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date June 25

2018

RECEIVED OF Crowser Ranch 12230 spring Canyon Rd Whitewood SD 57793-7023

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use	
Fee for Application for Permit No. _____ to Appropriate Water for Future use	
Fee to retain Future Use Permit No. _____ after period of seven years.	
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____	
Fee for Filing Transfer Form _____ 1788-1	50 00
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

Had already
paid
vm

No. 08707

By Jeanne Goodman
Chief Engineer
vm



South Dakota Secretary of State

SHANTEL KREBS

Filing Information

Name: **ROUND HOUSE WELL, L.L.C.**

General Information

SOS Business ID DL011995
Filing Type: Limited Liability Company - Domestic
08/25/2006
Status: Good Standing
Duration Term: Perpetual
Managed By: Member-Managed

Registered Agent Address
SCOTT CROWSER
12230 SPRING CANYON ROAD
WHITEWOOD, SD 57793-7023

Principal Address
12230 SPRING CANYON RD
WHITEWOOD, SD 57793-7023

The following document(s) was/were filed in this office on the date(s) indicated below:

<u>Date Filed</u>	<u>Filing Description</u>	<u>Image #</u>
07/31/2017	2017 Annual Report	B0036-9206
08/05/2016	2016 Annual Report	
07/27/2015	2015 Annual Report	
07/27/2015	2014 Annual Report	
08/01/2013	2013 Annual Report	
08/01/2013	2012 Annual Report	
08/29/2011	2011 Annual Report	
10/18/2010	2010 Annual Report	
03/11/2010	2010 Annual Report	
08/25/2008	2008 Annual Report	
03/28/2008	2008 Annual Report	
08/25/2006	Initial Filing	DL011995

Report of Examination of Works and/or Application of Water to Beneficial Use For Permit No. 1788-1

I have this day, August 31, 2017 made a thorough examination of the water use system constructed by **Round House Well LLC**, (formerly Veritas Energy Inc.), % **Scott Crowser, 12230 Spring Canyon Rd, Whitewood, SD 57793** of Permit No. **1788-1**, bearing the priority of **2/25/2003** authorizing the diversion of **0.1** cu. ft. per second of the water from one well for livestock purposes, in Butte County.

Inspection contact & relationship to permit holder, if applicable:

Scott Crowser, partner

Ray Crowser, partner

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: Materi Exploration Inc. (1/1991)
- 2) No. of Wells 1
- 3) Depth(s) 3,490 feet
- 4) Well log is available Yes

Casing:

- 1) Diameter 5 ½" 0 to 932'
4 ½" 932' to 3,490'
- 2) Length 3,490 feet
- 3) Type steel

Screen:

- 1) Type Jet perforated
- 2) Length 60 feet (3,290 – 3,423 ft. not continuous)
- 3) Static water level 491'

Pump:

- 1) Make Grundfos
- 2) Model 45S100-25
- 3) Size 4"
- 4) Capacity 45 GPM
- 5) Horsepower rating 10 hp

Note: The well was pumped for 2 hours at 25 gpm with 11 foot of drawdown at time of completion. Well capacity should be well in excess of this amount. Pump shown is believed to be the current pump.

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

The well pumps to a cooling pond due to the well water temperature of approximately 110° F. Operation is controlled by a mercury switch located in a stilling basin in the cooling pond. Water then gravity feeds from the cooling pond to a constant pressure booster pump located in a below grade manhole.

C. Works used to apply water to beneficial use:

The system serves three ranches through a pipeline distribution system approximately 20 miles in length.

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by: Yes
- 2) Exceptions to compliance are: none

E. Condition and Location:

1. The system is in good condition with the point of diversion located as follows:
886' N and 1,984' W of the SE corner Section 14 T11N R7E (44.911437, -103.228033)
2. The works are capable of diverting and conveying to the place of use 0.10 cu. ft. per second (45 gpm) of water which is to be used for **livestock** use and the license should be issued for 0.10 cfs.
3. All structures, wells and lands on map: **No, well only**

F. Comments or other permit(s) associated with the project: none



Steven Quissell
Water Rights Inspector
DENR Water Rights Program

Date Report Completed: September 1, 2017

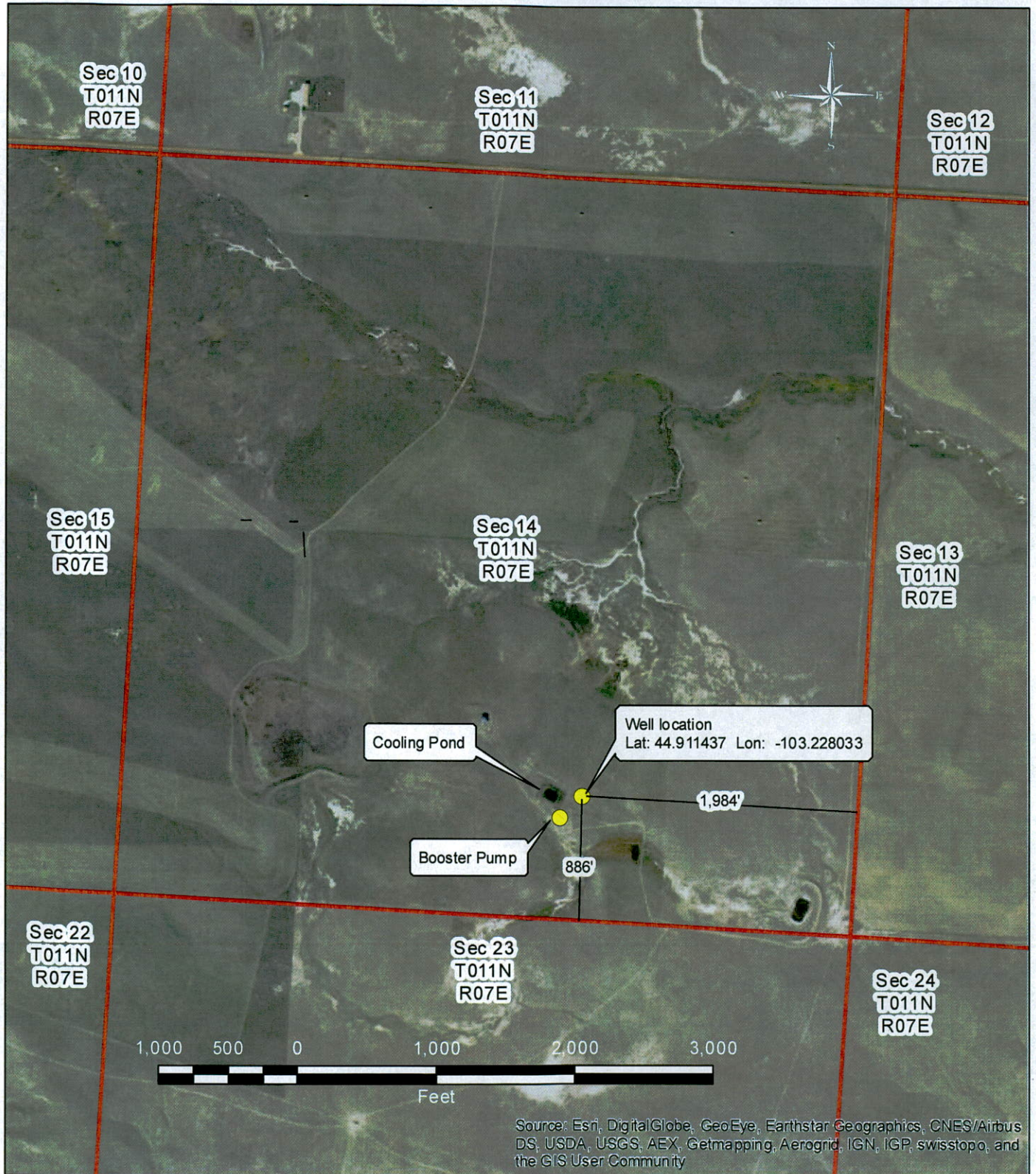


Stilling basin and cooling pond



Well in foreground with cooling pond in upper right

Water Right #1788-1
Round House Well LLC
8/31/2017



Steven Quissell

Steven Quissell
Water Rights Inspector
DENR Water Rights Program





DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
<http://denr.sd.gov>

JUN 29 2018

1788-1

Scott Crowser
12230 Spring Canyon Rd
Whitewood SD 57793

Dear Mr. Crowser:

Enclosed is Water License No. 1788-1. This is the final water right document completing your process of obtaining a Water Right. Included with your license is a map prepared by the staff engineer who conducted the field investigation.

For your information SDCL 46-6-27 requires that if in the future, the owner of an existing well, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

As long as you use the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

Jeanne Goodman, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 1788-1

(1) Veritas Energy Inc., Newell SD 57760 made Application No. 1788-1, February 25, 2003 for a water permit to divert 0.10 cubic feet of water per second from ground water, one well (Inyan Kara Formation), Butte County, South Dakota for domestic purposes. Permit No. 1788-1, with a priority date of February 25, 2003 was approved May 19, 2003 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before May 19, 2008 and for the application to beneficial use of said water on or before May 19, 2012.

On June 25, 2018, Water Permit No. 1788-1 was transferred from Veritas Energy Inc. to Scott Crowser.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the water supply system and is entitled to divert 0.10 cubic feet of water per second for beneficial use. The location of the diversion point is:

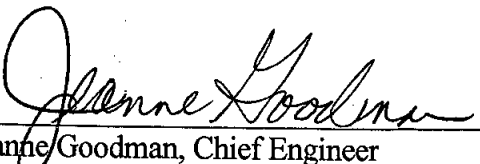
- 886'N and 1,984'W of the SE corner of Section 14, T11N, R7E (SW ¼ SE ¼)
Latitude 44.911437, Longitude -103.228033

(3) The permit holder has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use. The system serves three ranches through a pipeline distribution system approximately 20 miles in length.

(4) Pursuant to South Dakota Water Law 46-5-30.1 Scott Crowser, 12230 Spring Canyon Rd, Whitewood SD 57793 the holder and/or owner of Water Right No. 1788-1 is issued a license to appropriate water, the right to use 0.10 cubic feet of water per second from ground water, one well (Inyan Kara Formation) with a priority date of February 25, 2003 from the location specified in (2) of this license for domestic purposes.

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 1788-1 and subject to the following qualification:

- The well 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.


Jeanne Goodman, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

JUN 29 2018
date

