

WATER PERMIT NO. 1718-1

Name of Applicant: Rod Woodruff

Address: RR 1 Box 339, Belle Fourche SD 57717 Phone: 605 892-2033

Amount of Water Claimed: 0.04 cfs (18 gpm) Total Acres: NA

Source of Water Supply: groundwater

Water to be used for: commercial County: Meade

Type of Waste Disposal System:

Location: 2 miles east of Sturgis

PRIORITY Date Received: 4-7-2000

Fee: \$50

Corrected Application Received:: 4-18-2000

Period of Annual Use: June 1 – September 30

Remarks: Supplemental supply for Buffalo Chip Campground

Diversion Point: SW ¼ NE ¼ Sec 8-T5N-R6E

Land to be Irrigated: NA

Depth of Well: 1296 feet deep

Well Driller: : Graf Drilling

Remarks:

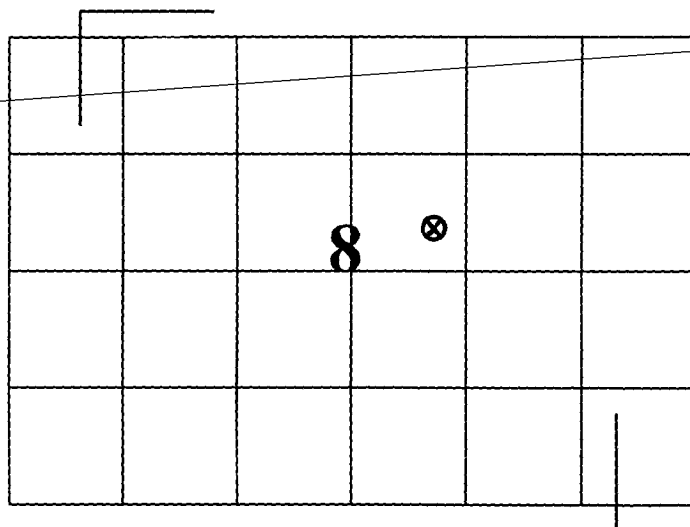
Type of Map: aerial

Prepared by: Darrell Vig, NRCS

Reviewed and the Number Assigned on: 4-19-2000

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____



**SOUTH DAKOTA
WATER PERMIT NO. 1718-1**

Date of first receipt of application April 7, 2000.

Date of return to applicant for corrections, amendments or changes April 7, 2000.

Date of receipt of corrected application April 18, 2000.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 1718-1 to Rod Woodruff, RR 1 Box 339, Belle Fourche SD 57717 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. 1718-1 appropriates 0.04 cubic feet of water per second (18 gallons per minute) from one well (Inyan Kara Formation) 1296 feet deep located in the SW ¼ NE ¼ Section 8-T5N-R6E. The water will be used as supplemental supply for commercial use at the Buffalo Chip Campground.
2. The water appropriated shall be used for the purpose of commercial 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: June 1 – September 30.
4. The date of approval of Permit No. 1718-1 is June 26, 2000.
5. The date from which applicant may claim right is April 7, 2000.
6. One-fifth of the construction is to be completed on or before December 26, 2002.
7. All construction is to be completed on or before June 26, 2005.
8. Water is to be put to beneficial use on or before June 26, 2009.
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 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.
2. The well approved under this Permit shall be valved and the flow reduced to the amount needed or to a minimum when not being used. If this well is abandoned or the Permit cancelled, the well must be plugged in accordance with Water Management Board Rules, Chapter 74:02:04.

WATER MANAGEMENT BOARD

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

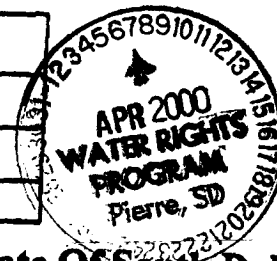
AUG 02 2000

date



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

No. 1718-1 (office use only)
Hydrologic Unit 10/20202
Basin Belle Fourche River
Newspaper Meade Co. Times-Tribune, Sturgis, SD



CSO 174

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: ☒ New ☐ Vested Right (Use predates Mar 2, 1959) ☐ Future Use Reservation
(check one) ☐ 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 Red Woodruff Phone 605-892-2033
(check one) ☒ Owner ☐ Tenant/leasee
Mailing Address RR 1 Box 339 Belle Fourche State SD 57717
(Street, RR, or Box) (Zip Code)
- Amount of water claimed 0.04 *CFS or 18 **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 Lakota Formation SW 1/4
- Location of point of diversion (example - 3 wells in SW 1/4 NE 1/4 section 12-T104N-R53W) well ~~SW 1/4~~ NE 1/4 8-5-6
well location: 1640 feet west and 2070 feet south of the NE corner of
Sec. 8-T5N-R6E County Meade
- County or counties where water will be used Meade
- Annual period during which water is to be used August June 1 - Sept 30
- 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)

use water to supplement supply for Buffalo Chip Campground
mainly to be used as a backup for existing campground well.

STATE OF SOUTH DAKOTA)

County of Butte SS

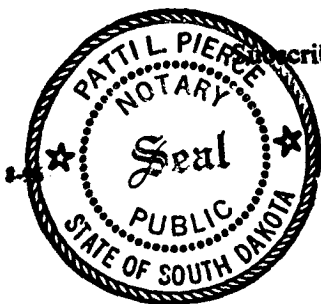
Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Attach map and any other technical information. (see instructions)

I, Red Woodruff, 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.

Signed Red Woodruff
described and sworn to before me this 6th day of April 19 2000

Patti L. Pierce
Notary Public

my commission expires: 6/22/2003



RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

N^o 416475

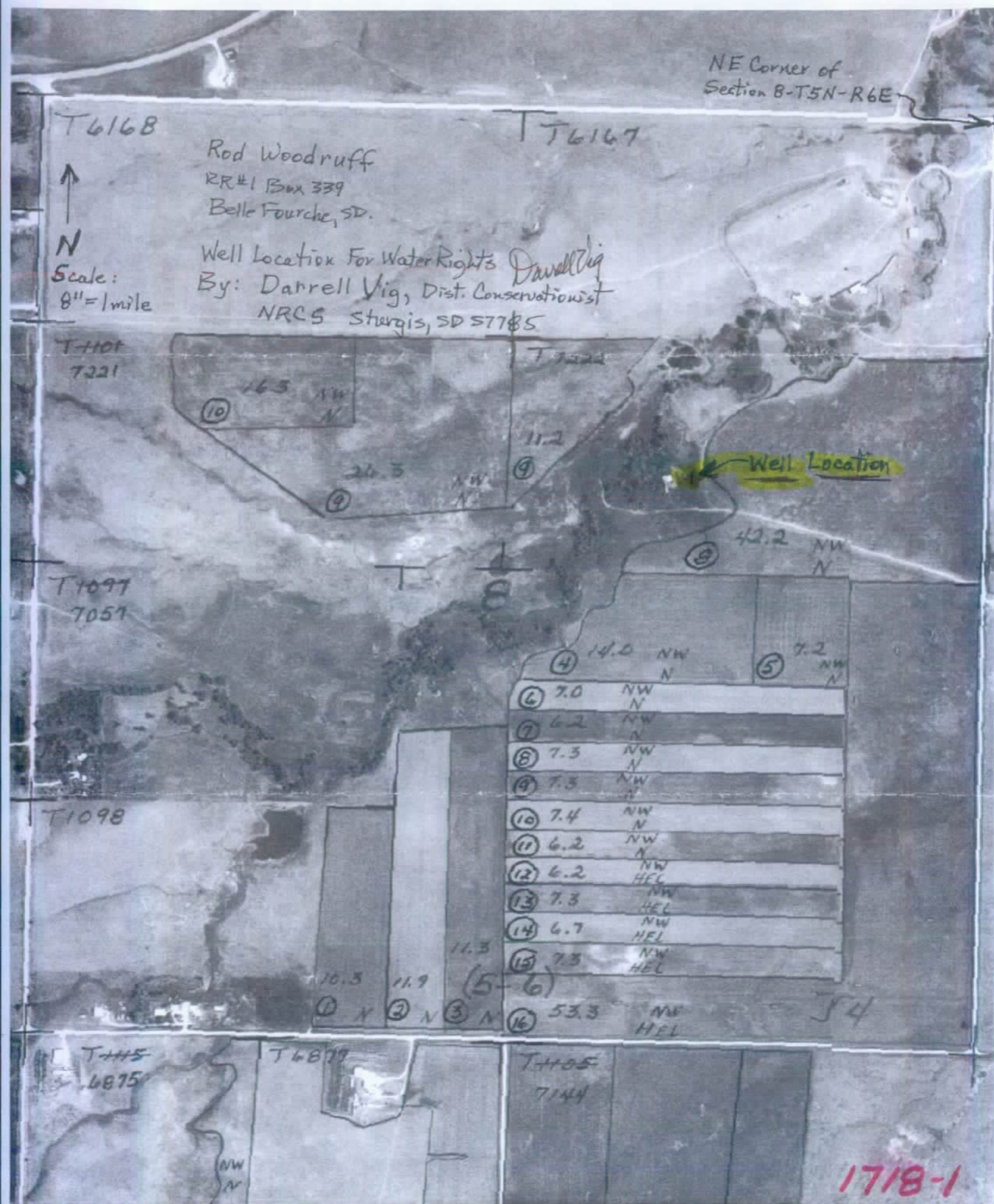
Pierre, April 18, 2000

RECEIVED OF Buffalo Chip Campground, LLS (Rod Woodruff), RR 1, Box 339, Belle Fourche, SD 57717
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>1718-1</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>1718-1</u> _____	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____ _____ _____		
(Any Other Work Provided by Law)	Total	100 00

By Shirley E. Hill
Chief Engineer

MAP NOT TO SCALE
THIS IS NOT AN OFFICIAL WETLAND MAP

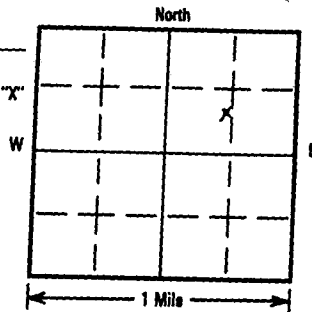


SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SE 1/4 NE 1/4 Sec 8 Twp 5 Rg 6ECounty Meade

Please mark well location with an "X"

Well Completion Date 4-3-00

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 100 ft. from Barn (identify source).

PROPOSED USE:

☒ Domestic/Stock ☐ Municipal ☒ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

ROTARY

CASING DATA:

☒ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT DIAMETER FROM TO HOLE DIAMETER
15.50 LB/FT 5.5 IN 0 FT 1155 FT 7.2 IN
 _____ LB/FT _____ IN _____ FT _____ FT _____ IN
 _____ LB/FT _____ IN _____ FT _____ FT _____ IN

GROUTING DATA

Grout Type No. of Sacks Grout Weight From To
CEMENT 195 _____ lb./gal 0 ft. 1155 ft.
 _____ lb./gal _____ ft. _____ ft.

Describe grouting procedure Grout water 15 cement
Cement mixed by Crowl Ready
Pumped down by Crowl Drilling
with Halliburton Plug Drilling shoe

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet to _____ Feet

Other information open hole 1155-1296
4 3/4 BitWAS A PACKER OR SEAL USED? ☐ YES ☒ NOIf so, what material? 1909Ks hal water pump mixedDescribe packer(s) and location? BY Crowl Pump by Crowl

DISINFECTION:

Was well disinfected upon completion? _____ YES, How: CHLORINE

_____ NO, Why Not? _____

Laboratory sent to for water quality analysis

ENERGY Lab.Well Owner: Red Woodruff

Business Name: _____

Address: RRI Box 339
Belle Fourche, SD 57717

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
SHALE-CLAY	0	6
GRAVEL	6	8
SHALE-BENTONITE LAYERS	8	950
RED WHITE CLAY-HARD SAND	950	990
WHITE-TAN-YELLOW CLAY	990	1040
WHITE CLAY SAND Sluffy	1040	1120
SAND	1120	1130
CLAY-SAND	1130	1185
COARSE HARD SAND-CLAY	1185	1200
CLAY-FINE SAND	1200	1296

STATIC WATER LEVEL Flowing 14

If flowing: closed in pressure _____

GPM flow 1.5 through _____ inch pipeControlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? YES, BY BAKER PITLESS

WELL TEST DATA:

☐ Pumped Describe: Art Test 3 hrs
☐ Bailed at 25 gpm
☐ Other _____

Pumping Level Below Land Surface

714 ft. After 5 Hrs. pumped 16 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate 16 gpm 5 hr 345 GPM

REMARKS

PUR 5HP PUMP TO 714 FT.
18 GPM PUMP-230 SINGLE PHAS.

This well was drilled under license # 327

And this report is true and accurate.

Drilling firm Crowl Drilling

Signature of License Representative: _____

Signature of Well Owner or Equitable Property Holder: _____

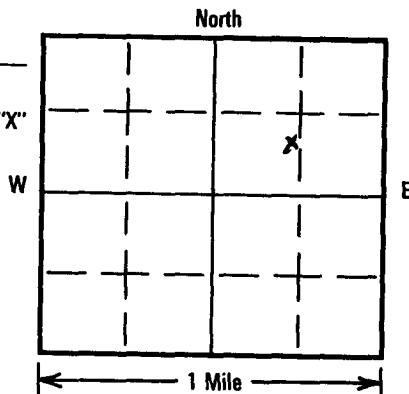
Date: March 1/2000

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SE 1/4 NE 1/4 Sec 8 Twp 5 Rg 6ECounty Meade

Please mark well location with an "X"

Well Completion Date 11-3-00

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 100 ft. from Barn (identify source).

PROPOSED USE:

☒ Domestic/Stock ☐ Municipal ☒ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

ROTARY

CASING DATA:

☒ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>15.50 LB/FT</u>	<u>5 1/2 IN</u>	<u>0 FT</u>	<u>1155 FT</u>	<u>7 3/8 IN</u>
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	Nb. of Sacks	Grout Weight	From	To
<u>CEMENT</u>	<u>195</u>	_____ lb./gal	<u>0</u> ft.	<u>1155</u> ft.
_____	_____	_____ lb./gal	_____ ft.	_____ ft.

Describe grouting procedure 6 qt water 1 sack cement
Cement mixed by Crowl Ready Mix
Pumped down by Crowl Drilling
with Halliburton Plug Reliable ShoeSCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet to _____ Feet

Other information Open hole 1155-1296
4 3/4 Bit.WAS A PACKER OR SEAL USED? ☐ YES ☒ NOIf so, what material? 190 Sks 6 qt water 4 Sks mixedDescribe packer(s) and location? BY Crowl Pumped by Crowl

DISINFECTION:

Was well disinfected upon completion? _____ YES, How: CHLORINE

_____ NO, Why Not? _____

Laboratory sent to for water quality analysis

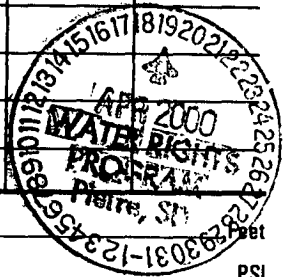
ENERGY Lab.Well Owner: Red Woodruff

Business Name: _____

Address: RR1 Box 339
Belle Fourche, SD 57717

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
SHALE-CLAY	0	6
GRAVEL	6	8
SHALE-BENTONITE LAYERS	8	950
RED WHITE CLAY-HARD SAND	950	990
WHITE-TAN-YELLOW CLAY	990	1040
WHITE CLAY SAND Sluffey	1040	1120
SAND	1120	1130
CLAY-SAND	1130	1185
COARSE HARD SAND-CLAY	1185	1200
CLAY-FINE SAND	1200	1296

STATIC WATER LEVEL Flowing

If flowing: closed in pressure _____ PSI

GPM flow 1.5 through _____ inch pipeControlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? YES, BY BAKER PILESS

WELL TEST DATA:

☐ PumpedDescribe: Air Test 3 hrs☐ Bailedat approx 25 gpm.☐ Other _____

Pumping Level Below Land Surface

714 ft. After 5 Hrs. pumped 16 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate 16 gpm 5 hp 345°F GPM

REMARKS

RUN 5 HP PUMP TO 714 FT.
18 GPM PUMP-230 SINGLE PHAS.This well was drilled under license # 327

And this report is true and accurate.

Drilling firm Crowl Drilling

Signature of License Representative:

Joan Crowl

Signature of Well Owner or Equitable Property Holder:

Red WoodruffDate: March 1, 2000

BUFFALO CHIP® CAMPGROUND, L.L.C.

Rod Woodruff
1113 5th Avenue South
Belle Fourche, SD 57717
605.892.2033
fax.892.4995

RR 1 Box 339, Belle Fourche, SD 57717
<http://www.buffalochip.com>
woody@buffalochip.com
reservations 605. 892.4101
home fax 892.2200

April 6, 2000

South Dakota Water Rights Program
Foss Building 523 E. Capitol
Pierre, SD 57501

Att: Eric Gronlund

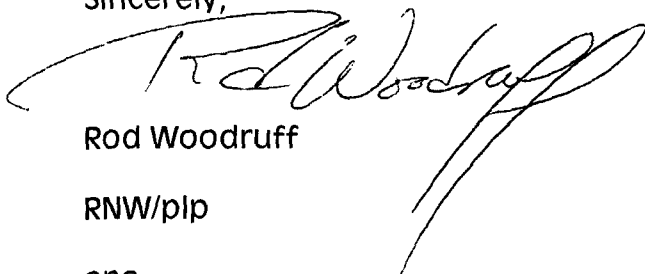
Re: Water Rights Application

Gentlemen:

Enclosed are the notarized original of my Application for Permit to Appropriate Water Within the State of South Dakota and check #3029 payable to the order of the South Dakota Water Rights Program in the amount of \$200. I understand the application fee is \$150 and the inspection/licensing fee is an additional \$50. The inspection fee is paid in advance though the inspection/licensing will be done sometime in the future.

Please call if you've any questions or need any further information.

Sincerely,



Rod Woodruff

RNW/plp

enc



605-773-3352



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

April 7, 2000

Rod Woodruff
Buffalo Chip Campground
RR 1 Box 339
Belle Fourche SD 57717

Dear Mr. Woodruff:

Thank you for submitting the *Application for a Permit to Appropriate Water* for commercial use. In order to complete the application the following is required.

- A map showing the location of the well in relation to a government section corner or quarter corner by direction and distance. The map must be signed by one of the following: Registered Land Surveyor, Registered Professional Engineer or by any other government employee who normally prepares maps as a part of his assigned duties (i.e. local NRCS office).
- Has this well been drilled? If so, please submit a copy of the Well Completion Report. If not, please complete the enclosed Form 2A, regarding the proposed well construction.
- Enclosed is the \$200 application filing fee submitted with the application. The application filing fee for 18 gallons per minute is \$50 and \$50 for licensing fee (total \$100.00).

If you have any questions, please contact me.

Sincerely,

Karen Schlaak
Water Rights Program
605 773-3352

enclosure

BUFFALO CHIP® CAMPGROUND, L.L.C.

Rod Woodruff
1113 5th Avenue South
Belle Fourche, SD 57717
605.892.2033
fax.892.4995

RR 1 Box 339, Belle Fourche, SD 57717
<http://www.buffalochip.com>
woody@buffalochip.com
reservations 605. 892.4101
home fax 892.2200

April 17, 2000

South Dakota Water Rights Program
Foss Building 523 E. Capitol
Pierre, SD 57501



Att: Eric Gronlund

605-773-3352

Re: Water Rights Application

Gentlemen:

Enclosed are the following documents in support of the application for water rights related to the well.

1. An aerial map prepared by Darrell Vig, District Conservationist at the Sturgis NRCS office, showing the well's location;
2. A copy of the Well Completion Report prepared and filed by Graf Drilling;
3. A copy of the Application For Permit To Appropriate Water Within The State Of Sough Dakota. You already have the original. This copy has the well location specified by Darrell Vig; and
4. check #3035 payable to the order of the South Dakota Water Rights Program in the amount of \$100. I understand the application fee is \$50 and the inspection/licensing fee is an additional \$50. The inspection fee is paid in advance though the inspection/licensing will be done sometime in the future.

Please call if you've any questions or need any further information.

Sincerely,

Rod Woodruff

enc

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 1718-1, Rod Woodruff**

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. 1718-1, Rod Woodruff, RR 1, Box 339, Belle Fourche, SD 57717.

The Chief Engineer is recommending APPROVAL of Application No. 1718-1 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 qualifications:

1. 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.
2. The well approved under this Permit shall be valved and the flow reduced to the amount needed or to a minimum when not being used. If this well is abandoned or the Permit cancelled, the well must be plugged in accordance with Water Management Board Rules, Chapter 74:02:04.

See report on application for additional information.



Garland Erbele, Chief Engineer
May 30, 2000

WATER PERMIT APPLICATION NO. 1718-1
ROD WOODRUFF
MAY 9, 2000

Water Permit Application No. 1718-1 proposes to appropriate 0.04 cubic feet of water per second (cfs) [18 gallons per minute] from one well (Inyan Kara Formation) 1296 feet deep located in the SW¼ NE¼ Section 8, T5N-R6E. The water is for supplemental supply for commercial use at the Buffalo Chip Campground.

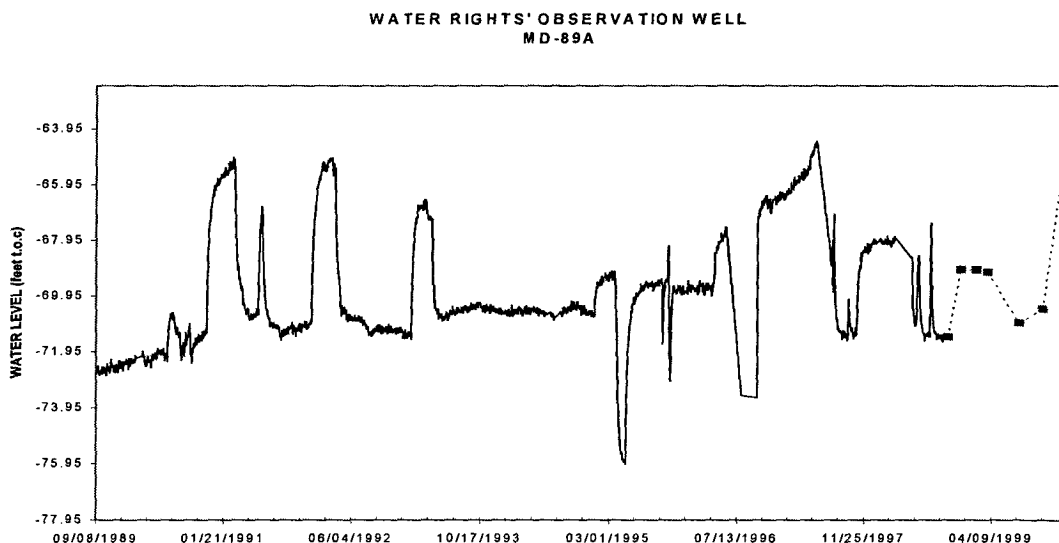
AQUIFER: Inyan Kara (INKR)

GENERAL:

The Inyan Kara aquifer consists of the Fall River Formation and the underlying Lakota Formation. The Fuson Shale sometimes separates these two formations, 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, 1984). The aquifer underlies 2,107,520 acres and contains an estimated 36,354,720 acre-feet of recoverable water in storage in Meade County alone (Allen, 1984). This well site is approximately two miles from the outcrop (recharge area) of the Inyan Kara. The completion report submitted for this well indicates that this is a flowing well that can be completely shut in. The report indicates the well was constructed according to the SD Well Construction Standards.

WATER AVAILABILITY:

Water Rights Program monitors 7 observation wells completed into the Inyan Kara aquifer in the Black Hills Area. Hydrographs of most of these wells indicate the aquifer is in dynamic equilibrium showing minor changes in water level corresponding with seasonal or climatic conditions only. The nearest observation well to this permit (MD-89A) is located approximately eight miles north west of this well of this well. The hydrograph for this well, figure 1, demonstrates some interesting and as yet unexplained water level fluctuations, but clearly demonstrates the aquifer is recharged and in general, water levels of the aquifer have risen.



The hydrograph information indicates water is available for this appropriation (Water Rights_b, 2000).

EXISTING WATER RIGHTS:

There are several domestic well logs on file for wells completed into the Inyan Kara aquifer in this area (Water Rights_a, 2000).

The Inyan Kara aquifer has been developed in at least 23 counties in South Dakota with 124 Water Rights/Permits Water Rights, 2000). There are 18 rights/permits appropriating water from the Inyan Kara aquifer in Meade County. There are four Water Permits/Rights appropriating water from the Inyan Kara aquifer within 3 miles of this well. Except for the applicant's own Water Right (No. 1518-1), the nearest appropriation from the Inyan Kara aquifer (Permit No 1487-1, Glencoe Camp Resort) is located approximately one and one-half miles from this well. The total diversion rate proposed by this application (18 gpm) is not likely to adversely affect adequate wells.

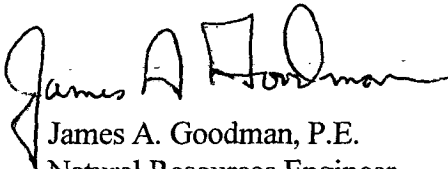
CONCLUSIONS:

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 in this area. The requested diversion rate is relatively small and should not cause significant drawdown.
3. The well report filed with the application indicates the well was constructed in compliance with the SD Well Construction Standards.
4. The flowing well that is to be used to supply this permit should be shut in when not in use and controlled to the amount of water that is actually needed.



Ken Buhler
Natural Resources Engineer

approved by



James A. Goodman, P.E.
Natural Resources Engineer

REFERENCES:

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 Corps of Engineers Contract DAWC 45-82-C-015, SD DENR- Geological Survey, Vermillion SD

Water Rights, 2000, "Domestic Well Log Files" DENR-Water Rights Program, Joe Foss Building, Pierre, SD 57501

Water Rights, 2000, "Observation Well Files" DENR-Water Rights Program, Joe Foss Building, Pierre, SD 57501

Water Rights, 2000, "Water Permit Files" DENR-Water Rights Program, Joe Foss Building, Pierre, SD 57501



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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.

May 31, 2000

Rod Woodruff
RR 1, Box 339
Belle Fourche, SD 57717

Dear Mr. Woodruff:

Water Permit Application No. 1718-1 for commercial 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 Meade Co. Times-Tribune printed at Sturgis, SD (Ph # (605) 347-2503). 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. 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 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.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

May 31, 2000

Meade Co. Times-Tribune
Box 69
Sturgis, SD 57785-0069

ATTENTION: Legal Public Notice

Enclosed is a Notice of Hearing on Application No. 1718-1 to Appropriate Water to be published twice. Please publish the first notice on June 7, 2000, 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 Rod Woodruff, RR 1, Box 339, Belle Fourche, SD 57717 (Ph # (605) 892-2033).

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

-----CU T HERE-----

No. 1718-1

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

Date _____

We are in receipt of your letter of May 31, 2000, enclosing Notice of Hearing to Appropriate Water by Application No. 1718-1 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper

Instruction to Newspaper - Publish first Notice on June 7, 2000, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 1718-1 to Appropriate Water

Notice is given that Rod Woodruff, RR 1, Box 339, Belle Fourche SD 57717 has filed an application for a water permit to appropriate 0.04 cubic feet of water per second (18 gallons per minute) from one well (Inyan Kara Formation) 1296 feet deep located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 8-T5N-R6E. The water will be used as supplemental supply for commercial use at the Buffalo Chip Campground.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 1718-1 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 June 26, 2000.

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. Nettie H. Myers, Secretary, Department of Environment and Natural Resources.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
 County of Meade) SS

I, Joan Lewis

certify that the attached printed Notice was taken

from the Meade County Times

printed and published in Sturgis

County of Meade and

state of South Dakota. The notice was published

in the newspaper on the following two dates:

June 7, 2000

June 14, 2000

Cost of Printing 37.54

Joan M. Lewis
 (Signature)

Bookkeeper
 (Title)

6/23/00
 (Date Signed)

**Water application**

NOTICE OF APPLICATION
NO. 1718-1 to Appropriate Water
 Notice is given that Rod Woodruff,

RR 1, Box 339, Belle Fourche SD 57717 has filed an application for a water permit to appropriate 0.04 cubic feet of water per second (18 gallons per minute) from one well (Inyan Kara Formation) 1296 feet deep located in the SW 1/4 NE 1/4 Section 8-T5N-R6E. The water will be used as supplemental supply for commercial use at the Buffalo Chip Campground.

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Publ June 7 and 14, 2000
Meade County Times-Tribune



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

AUG 02 2000

Rod Woodruff
Box 339
Belle Fourche, SD 57717

Dear Mr. Woodruff:

Enclosed is Water Permit No. 1718-1 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

BUFFALO CHIP® CAMPGROUND, L.L.C.

Rod Woodruff
1113 5th Avenue South
Belle Fourche, SD 57717
605.892.2033
fax.892.4995

RR 1 Box 339, Belle Fourche, SD 57717
<http://www.buffalochip.com>
woody@buffalochip.com
reservations 605. 892.4101
home fax 892.2200

August 23, 2000

Department of Environment
and Natural Resources
Joe Foss Building
523 East Capitol
Pierre, SD 57501-3182



Att: Garland Erbele, Chief Engineer
Water Rights Program

Re: Buffalo Chip Campground approval

Gentlemen:

Enclosed is the NOTICE OF COMPLETION OF WORKS you recently sent me. Please advise if there's anything further I need to do to assist with the inspection of the completed well.

Sincerely,

Rod Woodruff
Rod Woodruff

RNW/plp

enc Notice of Completion of Works

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

Date 8-18-00

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

FROM: Rod Woodruff
(name)

RR1 Box 339
(address)

Belle Fourche, SD 57717
(city, state, zip)

605-892-2033
(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. 1718-1 states that the water use system is to be constructed by

June 26, 2005 (date), and water is to be put to beneficial use by June 26, 2009 (date).

The water use system was completed on or about May 1, 2000 (date).

Applying the water to beneficial use was completed on Approximately July 27, 2000 (date).

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

Rod Woodruff
(signature)



Permit No. 1718-1
Belle Fourche River - Water District

Report of Examination of Works and/or Application of Water to Beneficial Use

TO: Chief Engineer, Water Rights Program, DENR, Foss Bldg., Pierre, SD 57501

I have this day, May 13, 2003, made a thorough examination of the water use system constructed by Rod Woodruff of RR 1 Box 339, Belle Fourche SD 57717 holder of Permit No. 1718-1, bearing the priority of April 7, 2000 authorizing the diversion of 0.04 cu. ft. per second of the waters of ground water (Inyan Kara formation) for commercial purposes, in Meade County.

Inspection contact & relationship to permit holder, if applicable: **Dave Vice, Manager**

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: Graf Drilling
- 2) No. of Wells 1
- 3) Depth(s) 1,296 feet
- 4) Well log is available Y

Casing:

- 1) Diameter 5.5 inches
- 2) Length 1,155 feet
- 3) Type Steel

Screen:

- 1) Type open hole
- 2) Length 141 feet
- 3) Static water level flowing

Motor/Pump:

- 1) Make submersible
- 2) Size 7½ hp
- 3) Capacity 18 GPM

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

Water is diverted to 2 storage tanks (54,000 gallon and 18,000 gallon) and then distributed to the Buffalo Chip Campground.

C. Compliance with Permit Requirements:

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

The system is in good condition with the point of diversion located as follows: Well: 2,050 feet S and 1,600 feet W from the NE corner section 8-T5N-R6E (SW¼NE¼ -- Latitude 44.4109, Longitude -103.41438). The works are capable of diverting and conveying to the place of use 0.04 cu. ft. per second of water which is to be used for commercial purposes. Water has been put to beneficial use to the maximum extent and the license should be issued for 0.04 cfs.

All structures, wells and lands on map Y

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



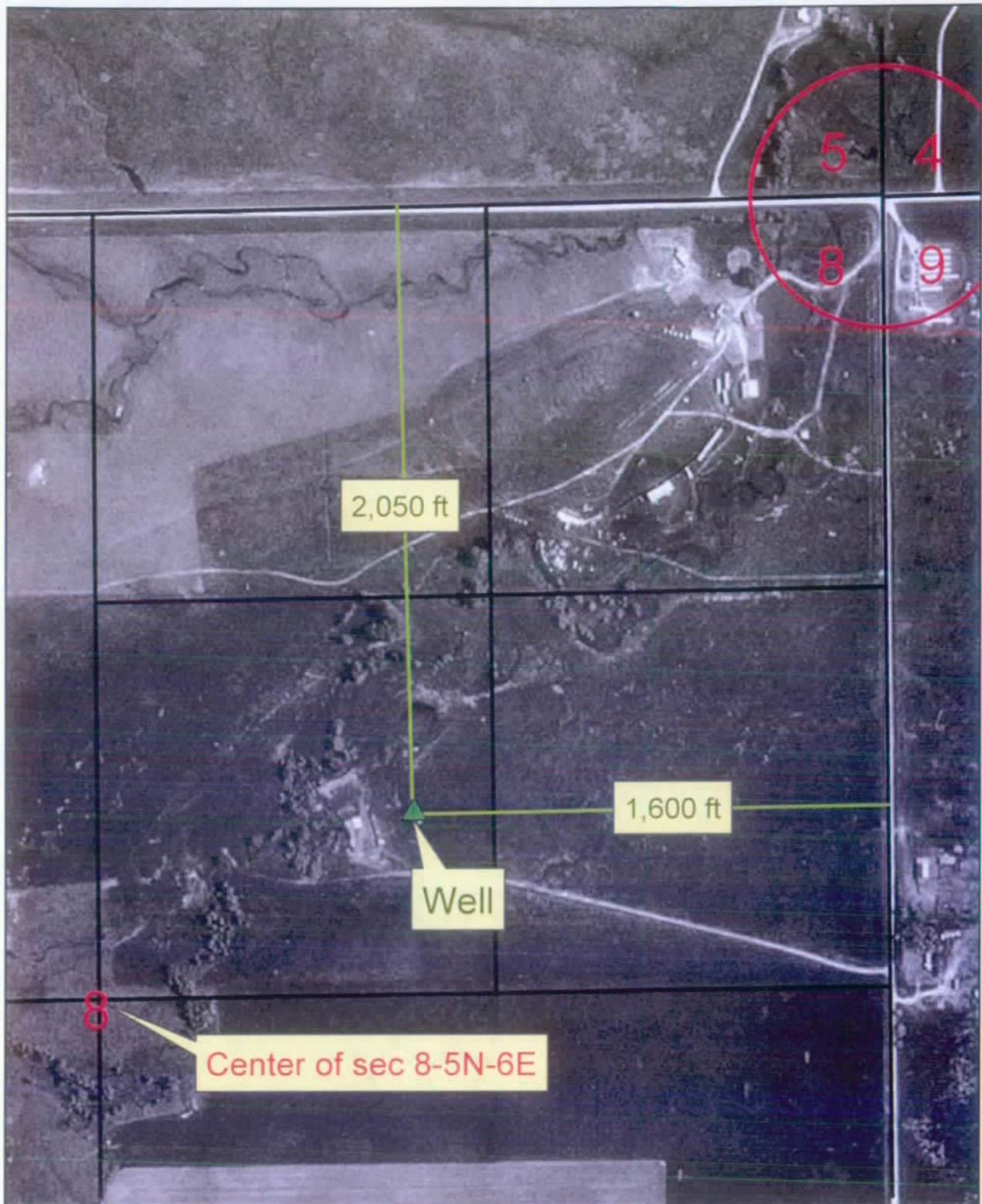
Ron Duvall
Natural Resources Engineer
DENR, Water Rights Program

Date report completed: September 16, 2003

Scale: 1 inch equals 500 feet

700

Feet



South Dakota
Department of Environment
& Natural Resources
Water Rights

Completed by:

Ron Duvall
Ron Duvall, Natural Resources Engineer
Water Rights Program

Diversion point(s) located using GeoExplorer II GPS

Date: Sept 16, 2003

Water Right No. 1718-1

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 1718-1

(1) Rod Woodruff, RR 1 Box 339, Belle Fourche SD 57717 made Application No. 1718-1, April 7, 2000 for a water permit to divert 0.04 cubic feet of water per second from groundwater (one well), Meade County, South Dakota for commercial purposes. Permit No. 1718-1, with a priority date of April 7, 2000 was approved June 26, 2000 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before June 26, 2005 and for the application to beneficial use of water on or before June 26, 2009.

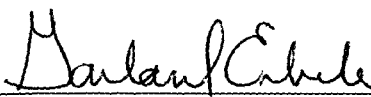
The permit holder submitted a *Notice of Completion of Works and Application of Water to Beneficial Use* on August 24, 2000. The *Notice* stated the diversion system was completed on May 1, 2002 and the water placed to beneficial use on July 27, 2000.

(2) The water supply system has been completed and water applied to beneficial use in accordance with South Dakota State Law. Pursuant to South Dakota Codified Law 46-5-30.1, the holder and/or owner of Water Right No. 1718-1 is issued a license, bearing a priority date of April 7, 2000 to appropriate 0.04 cubic feet of water per second from groundwater (one well) for commercial use at the Buffalo Chip Campground.

The diversion point is located: 2,050 feet south and 1,600 feet west from the northeast corner of Section 8-T5N-R6E (SW ¼ NE ¼).

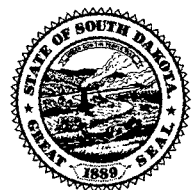
(3) This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Permit No. 1718-1 including the following now applicable qualifications:

- 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.
- The well approved under this Permit shall be valved and the flow reduced to the amount needed or to a minimum when not being used. If this well is abandoned or the Permit cancelled, the well must be plugged in accordance with Water Management Board Rules, Chapter 74:02:04.


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

OCT 10 2003

date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

OCT 10 2003

1718-1

Rod Woodruff
RR 1 Box 339
Belle Fourche SD 57717

Dear Mr. Woodruff:

Enclosed is Water License No. 1718-1 This is the final water right document completing your process of obtaining a Water Right.

As long as you use the water beneficially, as stated in the Water License, State Water Laws provide that you have a continuing right to use the water.

Sincerely,

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

enclosures



1718-1
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

1518A-1
1718A-1
1780A-1

Rod Woodruff
PO Box 909
Belle Fourche SD 57717

Dear Mr. Woodruff:

Enclosed are Water Permit Nos. 1518A-1, 1718A-1 and 1780A-1 which amend the existing permits to reflect annual use. Also, enclosed are Water License Nos. 1518A-1 and 1718A-1.

For your information SDCL 46-6-27 requires that if the owner of existing wells, such as the wells authorized by these water rights, 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 Licenses, the State Water Laws provide that you have a continuing right to use the water. At some future time, we will schedule an inspection of Water Permit No. 1780A-1 so the water license may issued.

If you have any questions, please contact our office.

Sincerely,

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

Note: The applicable portions of No. 1518-1 are incorporated into Water License No. 1518A-1.
The applicable portions of No. 1718-1 are incorporated into Water License No. 1718A-1.

enclosures