

WATER PERMIT NO. 1690-1

Name of Applicant: Tim & Arvid Scott

Address: 8816 Dunsmore Rd, Rapid City SD 57702

Phone: 605 342-4044

Amount of Water Claimed: 0.067 cfs (30 gpm) ^{0.133 cfs 60 gpm} Total Acres: NA

Source of Water Supply: groundwater (2 wells)

Water to be used for: commercial County: Meade

Type of Waste Disposal System: septic tank

Location: 1 mile east of Piedmont

PRIORITY Date Received: 5-14-1999 Fee: \$50.00

Corrected Application Received: Period of Annual Use: January 1 – December 31

Remarks: for use at a campground

Diversion Point: existing well - NE ¼ SE ¼ Sec 11-

T3N-R6E and new well – NW ¼ SW ¼ Sec 12-

T3N-R6E

	11	⊗	12		

Land to be Irrigated: NA

Depth of Well: 35 & 340 feet

Well Driller: unknown

Remarks: best info available

Type of Map: aerial

Prepared by: Ron Duvall

Reviewed and the Number Assigned on: 5-18-1999

By: Karen Schlaak

Notice of Hearing - date to intervene: _____

SOUTH DAKOTA
WATER PERMIT NO. 1690-1

Date of first receipt of application May 14, 1999.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 1690-1 to Tim & Arvid Scott, 8816 Dunsmore Rd, Rapid City SD 57702 authorizing the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 1690-1 appropriates 0.056 cubic feet of water per second (25 gallons per minute) from one existing well (Alluvium) 35 feet deep located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 11-T3N-R6E and 0.077 cfs (35 gallons per minute) from one proposed well (Inyan Kara Formation) approximately 340 feet deep located in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 12-T3N-R6E. The permit appropriates a total of 0.133 cfs (60 gallons per minute) from the two wells.
2. The water appropriated shall be used for the purpose of supplying water for commercial use at a campground and for domestic 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: (commercial use) June 1 – September 30 and (domestic use) January 1 – December 31.
4. The date of approval of Permit No. 1690-1 is July 5, 1999.
5. The date from which applicant may claim right is May 14, 1999.
6. One-fifth of the construction is to be completed on or before January 5, 2002.
7. All construction is to be completed on or before July 5, 2004.
8. Water is to be put to beneficial use on or before July 5, 2008.
9. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

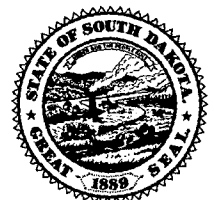
QUALIFICATIONS

1. The wells approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. If the Inyan Kara Formation well approved under this Permit flows, it 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: John Hatch
John Hatch, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

JUL 13 1999
date



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

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	(office use only)	
	No. <u>1690-1</u>	Hydrologic Unit <u>10/20/11</u>
	Basin <u>Upper Cheyenne</u>	
Newspaper <u>Meade Co. Times-Tribune, Sturgis, SD</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	

Type of Application: ☒ **New** ☐ **Vested Right** (Use predates Mar 2, 1955) ☐ **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 TIM & ARVID SCOTT Phone 605-342-4044
(check one) ☒ Owner ☐ Tenant/lessee
Mailing Address 8816 DUNSMORE RD, RAPID CITY State S.D. 57702
(Street, RR. or Box) (Zip Code)
- Amount of water claimed 0.133 *CFS or 60 ~~30~~ **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 WELL IN USE
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) 1 WELL IN NW1/4 SEC 12
1/4 SECT 7W R6E T3N new well - NW1/4 SW1/4 sec. 12-T3N-R6E
EXISTING WELL - NE1/4 SE1/4 SEC. 11-T3N-R6E County MEADE COUNTY
- County or counties where water will be used MEADE Jan 1 - Dec 31
- Annual period during which water is to be used MOSTLY JUNE JULY AUG. - YEAR AROUND
- 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)
- PLAN TO USE EXISTING WELL PRIMARY SOURCE
new well - 35 gpm (.077 CFS)
existing well - 25 gpm (.056 CFS)

STATE OF SOUTH DAKOTA)

County of Pennington

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, Arvid Scott, 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 Arvid Scott

Subscribed and sworn to before me this 13 day of May 1999

Notary Public

Comm. Expires 3-5-2000

Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction

Driller unknown

- a) Drill Hole Diameter _____ Depth 35
- b) Casing Type concrete Diameter 3 feet Thickness _____
- 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) 9 feet
- g) Distance to nearest existing domestic well:

On applicants property 200 ydsOn property owned by others 1/8 mile

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) 5000 gallon tank
- b) System Capacity (gallons) _____ Year Constructed to be done in 1999
- c) Connected to the City of _____ Sanitary System Working with Rich Hanson on this

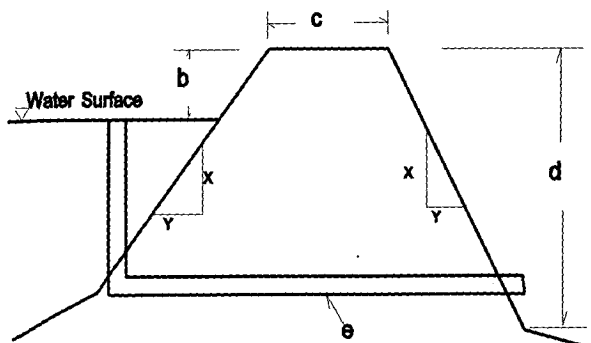
3. Dugout Information

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

4. Water Storage Dams

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

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



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

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 7 1/8 Depth 200'
- b) Casing Type PVC Diameter 5" Thickness 200 lb.
- c) Screen Type None Diameter _____ Thickness _____
- d) Gravel Pack None Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material 180'
- f) Depth to Water (ground surface to water level) 0
- g) Distance to nearest existing domestic well:
On applicants property _____ On property owned by others Jake Mooney

2. Wastewater Disposal System Information

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

3. Dugout Information

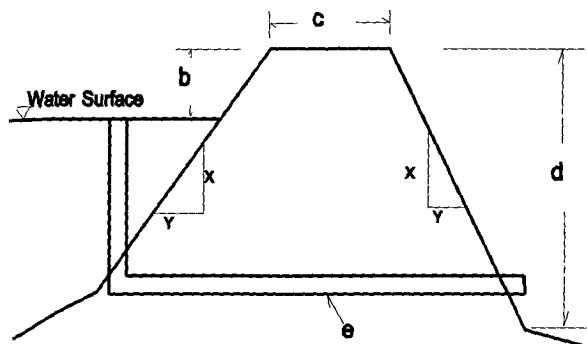
- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

4. Water Storage Dams

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

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

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



RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

№ 416124

Pierre, May 14, 19 99

RECEIVED OF Avanti & Castle Inns on Maple, Inc., 102 N. Maple, Rapid City, sD 57701
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. _____	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for: _____		

(Any Other Work Provided by Law)	Total	100 00

By

Chief Engineer

John Hatch (S)

RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

No 416135

Pierre, June 4, 19 99

RECEIVED OF Scott Motels, Inc., 8816 Dunsmore Rd., Rapid City, SD 57702
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. 1690-1 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 _____

Fee for Filing Extension Request _____

Fee for _____

(Any Other Work Provided by Law)

Total

100 00

100 00

By

Chief Engineer

John Hatch (Signature)

SCOTT PROPERTY OUTLINED
DARK BORDER

WELL SITE

SHOWS → ③

SE 1/4 NE 1/4 4-LESS

PLATTED PARTS

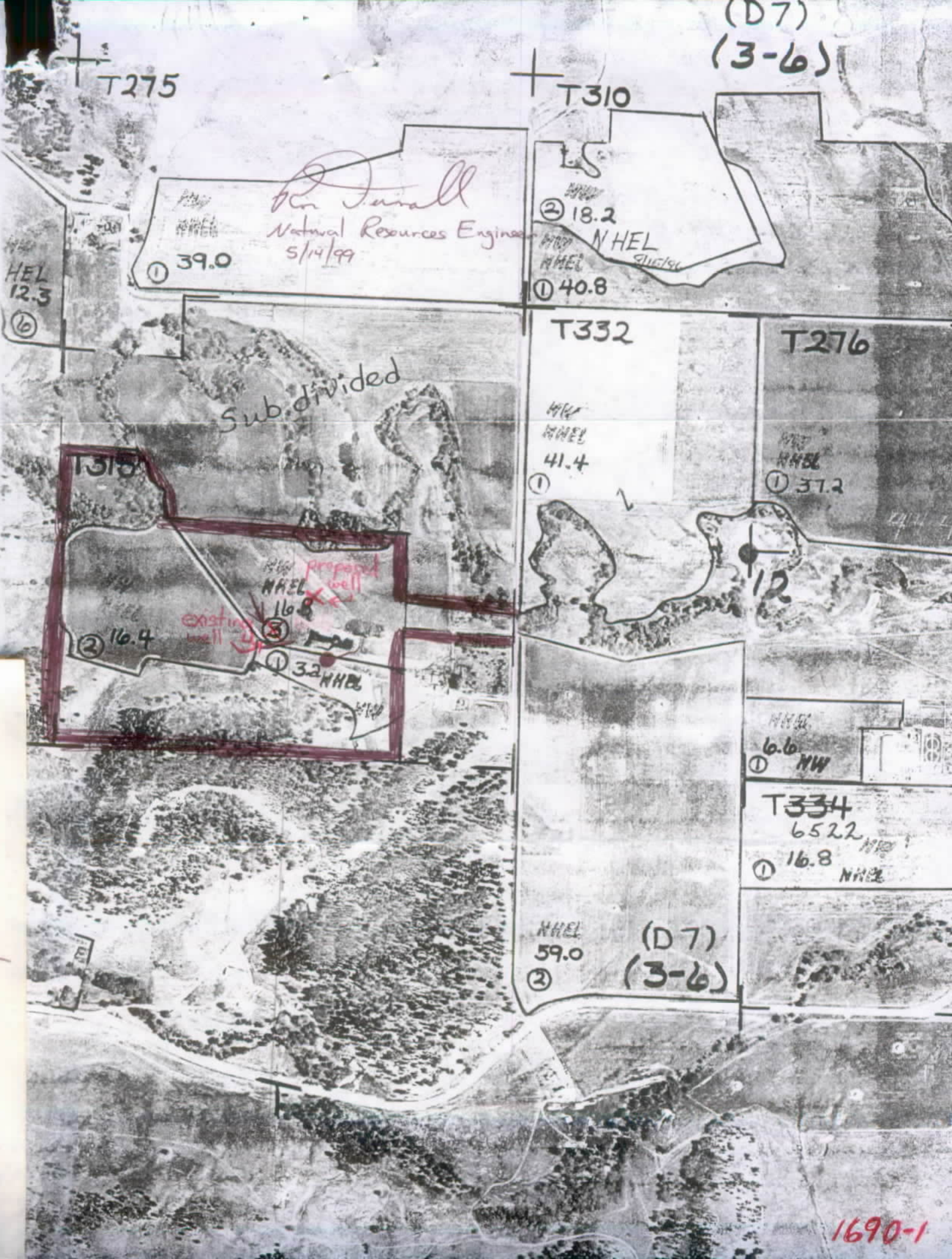
NE 1/4 SE 1/4

SEC-TWP-R-11-3-6

NW 1/4 SW 1/4

LESS TR-5 & 6

SEC-TWP-R-12-3-6



SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SE 1/4 SW 1/4 Sec 13 Twp 3N Rg 6E
 County Meade Lot 8 HAM Sub. North

Please mark well location with an "X"

W

E

Well Completion Date

3-18-98

1 Mile

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 220 ft. from Septic (identify source).

PROPOSED USE:

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

METHOD OF DRILLING:

Rotary - Air - WaterCASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>200 LB/FT</u>	<u>5 IN</u>	<u>0 FT</u>	<u>340 FT</u>	<u>IN</u>
<u>LB/FT</u>	<u>IN</u>	<u>FT</u>	<u>FT</u>	<u>IN</u>
<u>LB/FT</u>	<u>IN</u>	<u>FT</u>	<u>FT</u>	<u>IN</u>

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Portland</u>	<u>41</u>	<u>946 lb./gal</u>	<u>0 ft</u>	<u>240 ft</u>
		<u>lb./gal</u>	<u>ft.</u>	<u>ft.</u>

Describe grouting procedure Pressure grout thru Tremie pipe with Wilden Pump.

SCREEN: ☒ Perforated pipe ☐ ManufacturedDiameter 5 IN Length 60 FEETMaterial PVCSlot Size 1/8 Set From 280 Feet to 340 Feet

Other information _____

WAS A PACKER OR SEAL USED? ☒ YES ☐ NO

If so, what material? Neoprene 5x8
 Describe packer(s) and location? 1st 240' + 1 @ 242'

DISINFECTION: Was well disinfected upon completion?

YES, How: Chlorine
NO, Why Not? Pellets

Laboratory sent to for water
 quality analysis

owner to complete

Well Owner: ALAN HAM
 Business Name: 15437 Deerview Rd. Piedmont
 Address: P.O. Box 3641
Rapid City, S.D. 57709

WELL LOG:

DEPTH

FORMATION	FROM	TO
White Sand & S. Stone	0'	45'
BEN SAND & GRAVEL (MAX. 20' WATER)	45'	60'
Black SHALE	60'	81'
Red SHALE	81'	86'
GRY SHALE SS Ledges	86'	240'
White SAND & SANDSTONE (LAKOTA FM)	240'	340'

STATIC WATER LEVEL

20

Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ in. pipe

Controlled by ☐ Valve ☐ Reducers ☐ Or _____

Reduced Flowrate _____

Can well be completely shut in? _____

WELL TEST DATA:

☐ PumpedDescribe: Air-developed☐ Bailed☒ Other

Pumping Level Below Land Surface

100 ft. After 2 Hrs. Blow 20 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate 10 GPM

REMARKS

This well was drilled under license # 568

And this report is true and accurate.

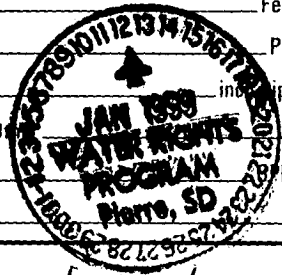
Drilling firm CIMARRON Drilling

Signature of License Representative

Michael L. Dauter

Signature of Well Owner or Equitable Property Holder:

Date: _____



Avanti Motel

102 North Maple
Rapid City, South Dakota 57701
605-348-1112
Toll Free 800-USA-INNS



Westwick Motel

5801 W. 12th St.
Sioux Falls, South Dakota 57106
605-336-2390
Toll Free 800-USA-INNS



June 1, 1999



Cable H.B.O. TV
VCR Movies
Meeting Room
Large Viewing Screen
3 Restaurants within
walking distance, cocktails
Parkside Location
Trout Fishing
Bike Trail
Playground
Volleyball
Pool near by
Handicapped Rooms
Civic Center near by
Remote TV
Kitchenettes
Apartments
Waterbeds
Direct Dial Phones
Refrigerators - all rooms
Queen Beds
Free Coffee
Hot Water Heating
Truckers
Salesmen
Military - State & Federal
Winter Plug-ins
Pets
All Major Credit Cards
Economy Rates

JOHN HATCH
RON DUVALL
WATER RIGHTS
~~XXX~~ 523 East Capital
Pierre, S. Dak. 57501

Dear John & Ron

We would like to apply for a test well permit and I have enclosed the well information and Ron has the location. The well would be about 300 ft. north east of the existing shallow well in the Lakota depth around 200 ft.

If you need further information please call me at 605-342-4044 or 787-9400.

We would like to drill the well on about the middle of June.

Thanks for your efforts on our behalf.

Sincerely

Arvid & Tim Scott

8816 Dunsmore Rd.
Rapid City, S. Dak. 57702

Satellite & Cable TV
H.B.O., VCR, Showtime,
Disney and Playboy
Large Heated Pool
Playground
Merry Go Round
2 Shuffleboard Courts
Grills, Picnic Tables
R.V. Hook-ups
Winter Plug-ins
Large Family Units
Kitchenettes
Waterbeds
Pets
Direct Dial Phones
Golf, Tennis, Zoo near by
Courtesy Car
Queen Beds
Truckers
Salesmen
Military - State & Federal
Senior Citizens
Truck Parking
Clean Quiet Location
All Units Ground Level
All Major Credit Cards
Economy Rates

WATER RIGHTS PROGRAM -- FILE DOCUMENTATION

NAME: Arvid Scott

ADDRESS: 8816 Dunsmore Rd, Rapid City SD 57702

DATE: May 27, 1999 and June 1, 1999

TELEPHONE: 342-4044

RE: Addition of proposed well to permit application received on May 14, 1999

COMMENTS:

Arvid Scott called regarding drilling of a new well for a proposed campground. Mr. Scott indicated that he would like to drill the new well in the next couple of weeks. I told Mr. Scott that he should not construct the well in advance of getting a water permit. Mr. Scott then wondered if the permit would be processed within the next couple of weeks. In response, I told Mr. Scott this was not possible since just publication alone would take longer than that and the report was not yet completed. I also told Mr. Scott that he could request permission to construct a test well but there was no guarantee his application for a permit would be approved.

Mr. Scott then directed me to add a proposed well to his permit application and keep the existing well on the application also. According to Mr. Scott, the proposed well will be similar to a well drilled by his neighbor Alan Ham (copy of log attached) and will be drilled into the Lakota Formation. The proposed well is to be constructed approximately 100 yards to the northeast of the existing well on Mr. Scott's permit application. This would place the proposed well in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ section 12-T3N-R6E.

On June 1, 1999, I spoke with Mr. Scott regarding the amount of water that would be used from each well since the wells will be in different water sources. After discussion with Mr. Scott, it was decided to increase the diversion rate to 35 gpm from the proposed well and 25 gpm from the existing well. Mr. Scott is planning on using the new well to supply drinking water and the existing well to supply bathroom and shower water. However, either well may be used to supply the entire needs in the event one of the wells fail. Mr. Scott is sending in an additional \$100.00 for the application fee to apply for a total of 60 gpm.



Ron Duvall

Natural Resources Engineer
Water Rights Program



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

June 8, 1999

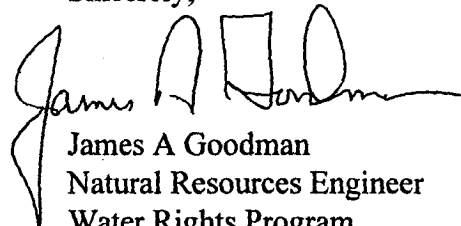
Tim and Arvid Scott
8816 Dunsmore Road
Rapid City, SD 57702

Dear Sirs:

This letter authorizes the construction of a test well approximately 200 feet deep to be completed into the Inyan Kara in Section 12 of T3N-R6E in Meade County. This would be the well requested by Water Permit Application No. 1690-1, which is presently under review by the Water Rights Program. The well must be completed in accordance with SD Well Construction Standards, and the well can only be used when Permit No. 1690-1 has been approved.

If there are any questions or concerns, please feel free to contact our office.

Sincerely,



James A Goodman
Natural Resources Engineer
Water Rights Program
(605) 773-3352

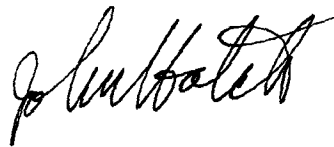
**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 1690-1, Tim and Arvid Scott**

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. 1690-1, Tim and Arvid Scott, 8816 Dunsmore Road, Rapid City SD 57702.

The Chief Engineer is recommending APPROVAL of Application No. 1690-1 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. If the Inyan Kara Formation well approved under this Permit flows, it 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.



JOHN HATCH, Chief Engineer
June 8, 1999

REPORT ON WATER PERMIT APPLICATION NO. 1690-1
for Tim and Arvid Scott
June 7, 1999

Application No. 1690-1 proposes to appropriate 0.056 cfs (25 gpm) from one existing well approximately 35 feet deep located in the NE 1/4 SE 1/4 of section 11, T3N R6E and 0.077 cfs (35 gpm) from one proposed well approximately 340 feet deep located in the NW 1/4 SW 1/4 of section 12, T3N R6E in Meade County. The application proposes to appropriate a total of 0.133 cfs (60 gpm) from the two wells. The water is for domestic and commercial use at a campground.

ALQ
AQUIFER - INYAN KARA (INKR), ALLUVIUM (~~QAL~~)

The Inyan Kara is made up of the Fall River Formation, the Fuson shale and the Lakota Formation in the Black Hills. The Inyan Kara underlies 2.1 million acres and contains an estimated 36.35 million acre feet of recoverable water in storage in Meade County alone (Allen, 1984). The aquifer is areally extensive around the entire Black Hills and is hydraulically connected into Pennington County to the south, and into Lawrence and Butte Counties to the north and west. The aquifer is confined and under artesian conditions at this site. In fact, some area wells do free flow at the land surface in the immediate area. Geologically, the immediate area is underlain by alluvium (associated with Elk Creek) followed by shale and sandstone of the Inyan Kara Group. The 340 feet deep well would obtain water from the Inyan Kara aquifer.

The alluvium consists of clay, and poorly sorted sand and gravel. The aquifer is hydraulically connected to Elk Creek and is probably limited to the floodplain of the creek. The alluvium underlies 117,760 acres and contains an estimated 117,760 of recoverable water in storage in Meade County (Allen, 1984). The existing 35 feet deep well is probably completed into the alluvium. This aquifer would be unconfined and under water table conditions. No driller's log is available to determine the construction of this existing well.

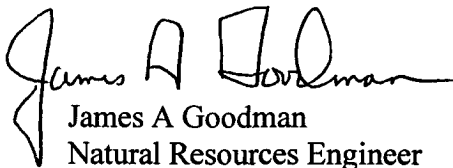
The Water Rights Program does monitor an observation well completed into the alluvium (MD-58A) and located about four miles east of this application. Water levels for this well show good response to climatic conditions, that is, rising water levels during wet years and gradually declining water levels during dry years. The record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 1999). The nearest observation completed into the Inyan Kara (PE-95E) is located about 10 miles southeast of this application. Water levels for this well have not fluctuated much since the well was drilled but the period of record is not sufficiently long enough to establish any trends. There does appear to be some effects of pumping on the observation well record. The water level record does indicate that the aquifer is capable of sustaining additional withdrawals (Water Rights, 1999). Hydrographs for these two wells are included with this report.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

There is one other Water Right No. 1338-1 which obtains water from the Inyan Kara and is located within one-half mile of this application. Also, there is a pending application No. 1688-1 which is located within one-quarter mile of this application which also obtains water from the Inyan Kara aquifer. No other permits/rights obtain water from the alluvium in this area.

CONCLUSIONS

1. Water is available from the Inyan Kara aquifer or the alluvium.
2. The Inyan Kara is under artesian conditions and there will be drawdown created by pumping. This is not expected to be adverse but may require the installation of a pump in free flowing wells that have low pressure. The drawdown created by pumping the alluvium well is not expected to be significant or affect any other water user in the area.
3. The well authorized by this application must be completed in accordance with SD Well Construction Standards. The information on the existing well is not sufficient to determine if the well is completed in accordance with SD Well Construction Standards.
4. The wastewater system is under construction and is to be completed this year. The applicant is working with the department on this system.



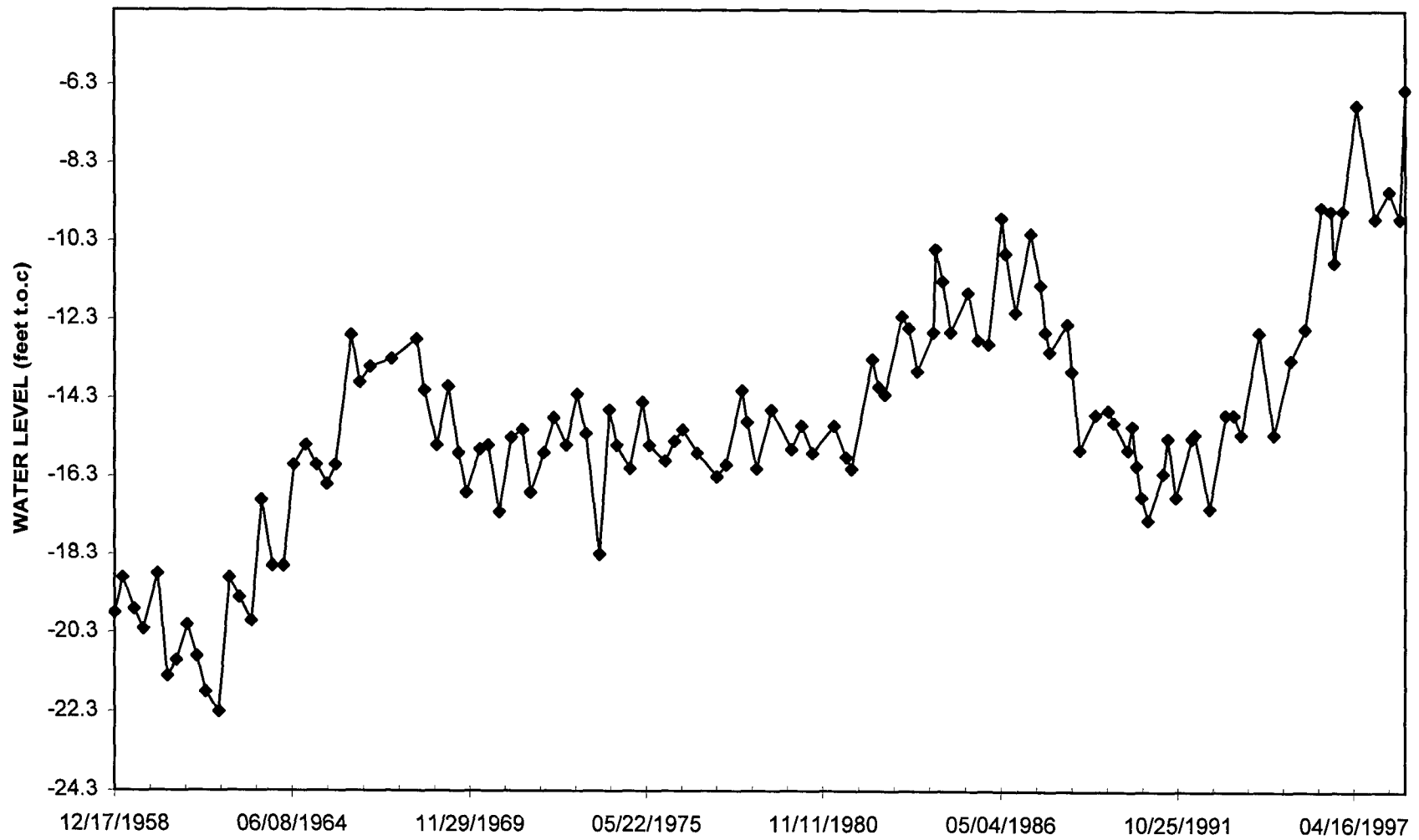
James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

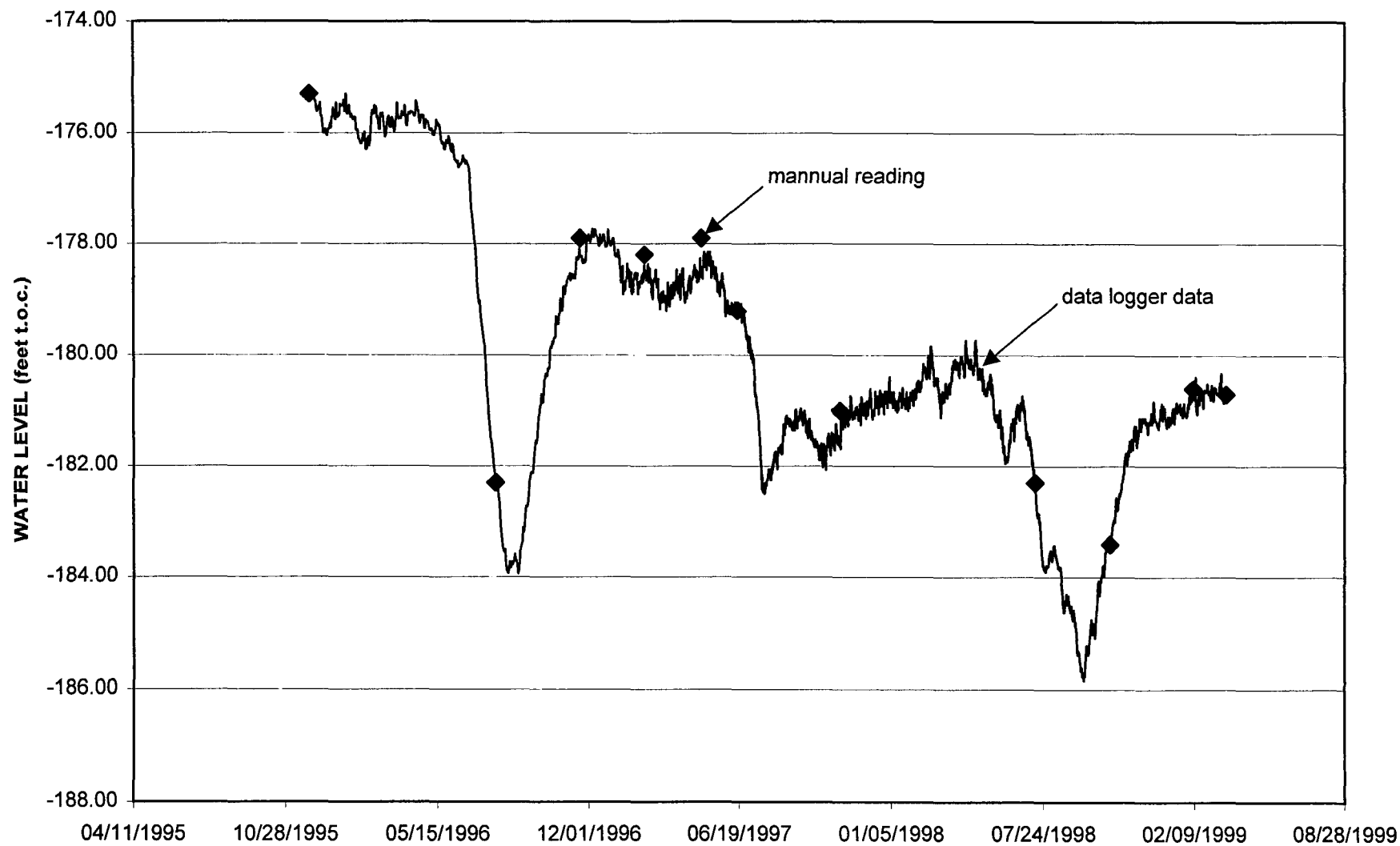
Allen, J.C., D.L. Iles, A.K. Petres, 1984, Analysis of Groundwater and Streamflow Data Western Dakotas Region of South Dakota, for US Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD, 57069.

Water Rights, 1999, Unpublished Observation Well Data for Meade and Pennington Counties, SD DENR, Division of Environmental Services, Water Rights Program, Pierre, SD, 57501.

**WATER RIGHTS' OBSERVATION WELL
MD-58A**



WATER RIGHTS' OBSERVATION WELL PE-95E





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

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

June 9, 1999

Tim & Arvid Scott
8816 Dunsmore Rd.
Rapid City, SD 57702

Dear Sirs:

Water Permit Application No. 1690-1 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 57501-3181
www.state.sd.us/denr

June 9, 1999

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

ATTENTION: Legal Public Notice

Enclosed is a Notice of Hearing on Application No. 1690-1 to Appropriate Water to be published twice. Please publish the first notice on June 16, 1999, 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 APPLICANTS are Tim & Arvid Scott, 8816 Dunsmore Rd., Rapid City, SD 57702 (Ph # (605) 342-4044).

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-----

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

No. 1690-1

Date _____

We are in receipt of your letter of June 9, 1999, enclosing Notice of Hearing to Appropriate Water by Application No. 1690-1 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper

NOTICE OF APPLICATION NO. 1690-1 to Appropriate Water

Notice is given that Tim & Arvid Scott, 8816 Dunsmore Rd, Rapid City SD 57702 has filed an application for a water permit to appropriate 0.056 cubic feet of water per second (25 gallons per minute) from one existing well (Alluvium) 35 feet deep located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 11-T3N-R6E and 0.077 cfs (35 gallons per minute) from one proposed well (Inyan Kara Formation) approximately 340 feet deep located in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 12-T3N-R6E. The application proposes to appropriate a total of 0.133 cfs (60 gallons per minute) from the two wells. The water is for domestic and commercial use at a campground.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 1690-1 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 July 5, 1999.

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)
) SS
 County of Meade)

I, Joan M. 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 16, 1999

June 23, 1999

Cost of Printing 39.04



Joan M. Lewis
 (Signature)

Bookkeeper
 (Title)

June 23, 1999
 (Date Signed)

Water application**NOTICE OF APPLICATION
NO. 1690-1 to Appropriate Water**

Notice is given that Tim & Arvid Scott, 8816 Dunsmore Rd, Rapid City SD 57702 has filed an application for a water permit to appropriate 0.056 cubic feet of water per second (25 gallons per minute) from one existing well (Alluvium) 35 feet deep located in the NE 1/4 SE 1/4 Section 11-T3N-R6E and 0.077 cfs (35 gallons per minute) from one proposed well (Inyan Kara Formation) approximately 340 feet deep located in the NW 1/4 SW 1/4 Section 12-T3N-R6E. The application proposes to appropriate a total of 0.133 cfs (60 gallons per minute) from the two wells. The water is for domestic and commercial use at a campground.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 1690-1 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 July 5, 1999.

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.

Publ June 16 and 23, 1999
 Meade County Times-Tribune



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

JUL 13 1999

Tim & Arvid Scott
8816 Dunsmore Rd.
Rapid City, SD 57702

Dear Sirs:

Enclosed is Water Permit No. 1690-1 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.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

August 15, 2003

Tim Scott
8220 Elk Creek Rd
Piedmont SD 57769

1690-1

Dear Mr. Scott:

I am writing in regard to the licensing of your water permit No. 1690-1 for commercial water use at a campground. This licensing process is the final step in obtaining a water right.

On May 14, 2003 I visited with you and completed the inspection which is necessary for this licensing to be completed. Typically, we do not license permits prior to expiration of the construction period which in the case of Permit No. 1690-1 is July 5, 2004 or until a "Notice of Completion of Works" form is received. We do this to ensure that the permit holder has developed their water use to the full extent before a license is issued.

When I completed the inspection of your permit on May 14, you indicated that the pump rate from the new well is 35 gallons per minute (gpm) and that the old alluvium well is not used in the campground. The permit was originally approved for 60 gpm from 2 wells (35 gpm from the new well and 25 gpm from the old well.) If licensing your permit for 35 gpm from the new well and dropping the old well is acceptable to you, then we can license your permit now provided you complete and return the enclosed "Notice of Completion of Works" form. I have completed the form except for the last 2 blanks concerning the dates when your system was completed and when water use began. If you prefer you can submit the same form directly to our office over the internet at:

<https://www.state.sd.us/eforms/secure/eforms/E1311V1-CompletionOfWorks.pdf> or go to www.state.sd.us/denr/wr and follow the "download forms" link to find the form.

I look forward to your response. I have the inspection report drafted and the license is ready for issuing if you choose to proceed at this time. Please let me know if you have any questions at 605 773-3352 or by email at ron.duvall@state.sd.us.

Sincerely,

Ron Duvall
Natural Resources Engineer
Water Rights Program

enclosure



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

November 25, 2003

1690-1

Tim Scott
8220 Elk Creek Rd
Piedmont SD 57769

Dear Mr. Scott:

On August 15, 2003, a letter and "Notice of Completion of Works" form was sent you regarding Water Permit No. 1690-1 (copies enclosed). As of today, we have not received this completed form.

If we do not receive the form by December 15, 2003, we will proceed with issuing your water license for 35 gallons per minute as explained in the August 15th letter.

If you have any questions, please contact me.

Sincerely,

Karen Schlaak
Water Rights Program
605 773-3352

enclosures

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

Date 8/15/2003

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

FROM: Tim & Arvid Scott
(name)
8220 Elk Creek Rd
(address)
Piedmont SD 57769 605-787-4884
(city, state, zip) (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. 1690-1 states that the water use system is to be constructed by
7/5/2004, and water is to be put to beneficial use by 7/5/2008.
(date) (date)

The water use system was completed on Dec. 12, 2002 ✓
(date)

Applying the water to beneficial use was completed on Dec. 12, 2002 ✓
(date)

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

Arvid Scott
Secretary

Form 10
4-2000

RECEIVED
DEC 15 2003
WATER RIGHTS
PROGRAM



Permit No. 1690-1
Upper Cheyenne - 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 12, 2003, made a thorough examination of the water use system constructed by Tim and Arvid Scott of 8220 Elk Creek Road, Piedmont SD 57769 holder of Permit No. 1690-1, bearing the priority of May 14, 1999 authorizing the diversion of 0.133 cu. ft. per second of the waters of ground water (Inyan Kara Formation) for commercial and domestic purposes, in Meade County.

Inspection contact & relationship to permit holder, if applicable: **Tim Scott**

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: Cimarron Drilling
- 2) No. of Wells 1
- 3) Depth(s) 340 feet
- 4) Well log is available Y

Casing:

- 1) Diameter 5 inches
- 2) Length 280 feet
- 3) Type Plastic

Screen:

- 1) Type PVC
- 2) Length 60 feet
- 3) Static water level 20 feet

Motor/Pump:

- 1) Make Unknown submersible
- 2) Size 1.5 hp?
- 3) Capacity 35 GPM

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

Water is diverted as needed to supply a campground area ($\approx$ 130 camp sites) including sanitary and potable uses.

C. Compliance with Permit Requirements:

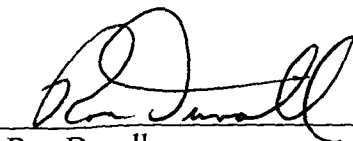
- 1) Permit qualifications being abided by Y
- 2) Exceptions to compliance are: none

The system is in good condition with the point of diversion located as follows: Well: 1,950 feet N and 500 feet E from the SW corner section 12-T3N-R6E (NW $\frac{1}{4}$ SW $\frac{1}{4}$ -- Lat. 44.23297, Long. -103.35044). The works are capable of diverting and conveying to the place of use 0.077 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 0.077 cfs.

All structures, wells and lands on map Y

Comments or other permit(s) associated with the project:

The old, existing well is used only for domestic purposes and not the campground. Therefore, water use from the well does not require a permit and can be removed from the license.



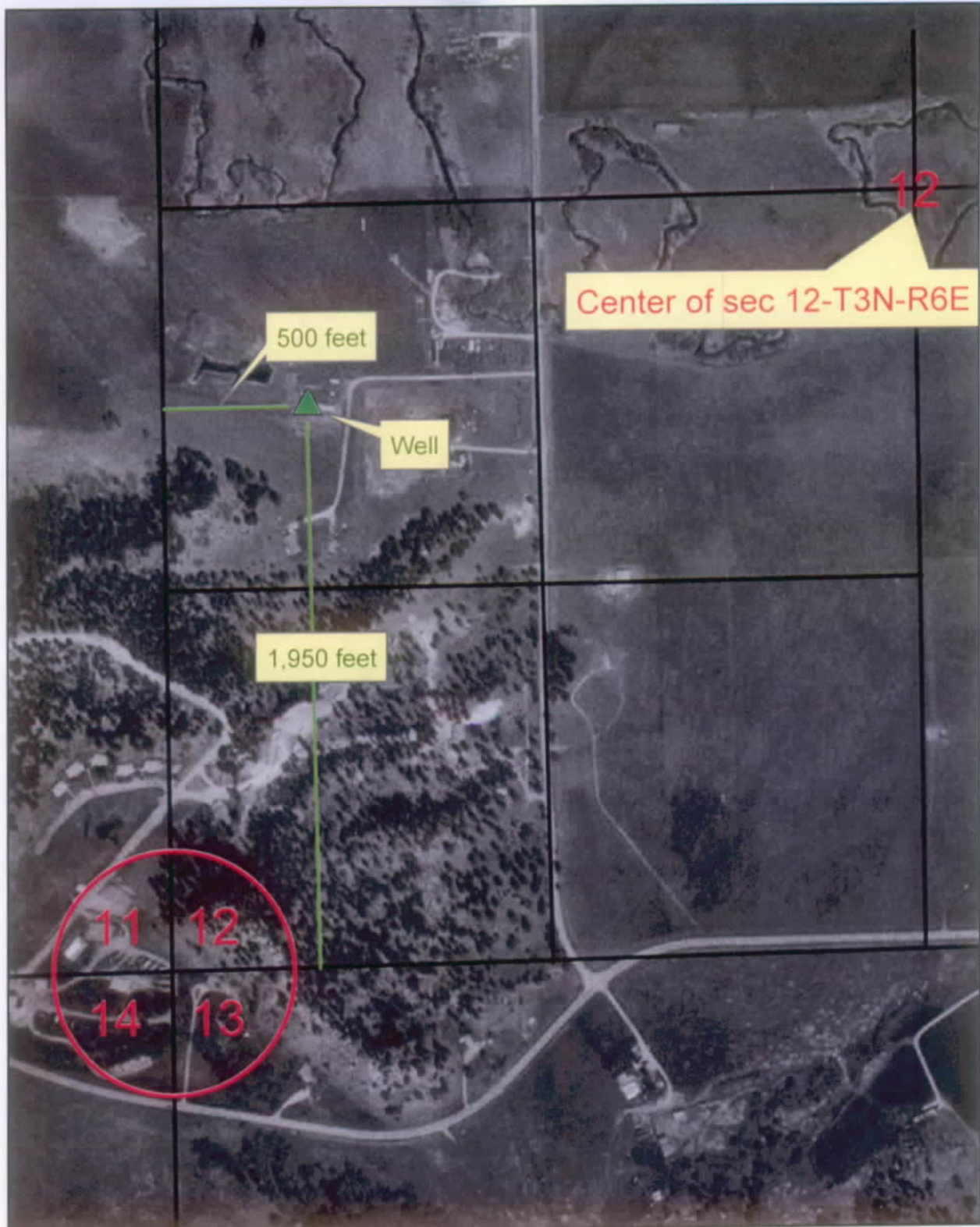
Ron Duvall
 Natural Resources Engineer
 DENR, Water Rights Program

Date report completed: July 18, 2003

Scale: 1 inch equals 526 feet

740

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: July 18, 2003

Water Right No. 1690-1

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 1690-1

(1) Tim and Arvid Scott, 8220 Elk Creek Road, Piedmont SD 57769 made Application No. 1690-1, May 14, 1999 for a water permit to divert 0.133 cubic feet of water per second from groundwater (2 wells), Meade County, South Dakota for commercial and domestic purposes. Permit No. 1690-1, with a priority date of May 14, 1999 was approved July 5, 1999 and issued to the applicants for diversion of water with construction of the described water supply system to be completed on or before July 5, 2004 and for the application to beneficial use of water on or before July 5, 2008.

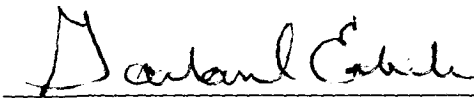
The permit holder submitted a *Notice of Completion of Works and Application of Water to Beneficial Use* on December 15, 2003. The *Notice* stated the diversion system was completed and the water placed to beneficial use on December 12, 2002.

(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 holders and/or owners of Water Right No. 1690-1 are issued a license, bearing a priority date of May 14, 1999 to appropriate 0.077 cubic feet of water per second from groundwater (one well) for commercial use at a campground.

The diversion point is located: 1,950 feet north and 500 feet east from the southwest corner of Section 12-T3N-R6E (NW ¼ SW ¼).

(3) This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Permit No. 1690-1 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.
- If the Inyan Kara Formation well approved under this Permit flows it 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 Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

JAN 09 2004

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

JAN 09 2004

1690-1

Tim and Arvid Scott
8220 Elk Creek Road
Piedmont SD 57769

Dear Sirs:

Enclosed is Water License No. 1690-1. 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