

Considered: _____

WATER PERMIT NO. 1952-2

MAP No. Same

Name of Applicant Dept. of Military & Veterans Affairs

Post Office Address 2823 W. Main St., Rapid City

Amount of Water Claimed 0.17 cfs Total Acres N.A.

Source of Water Supply Well - Minnelusa formation

Water to be used for Domestic and Training Area County Pennington

About 1 1/2 miles W of Rapid City

PROOF OF PUBLICATION: Received 1st 1-30-86 Not Received _____

APPLICATION: Approved 3/5/86 Subject to _____

F.F. & C.L. Adopted _____ Not Approved _____ Deferred _____

PRIORITY _____ Date Received 12-19-85 Fee N.A. Remarks _____

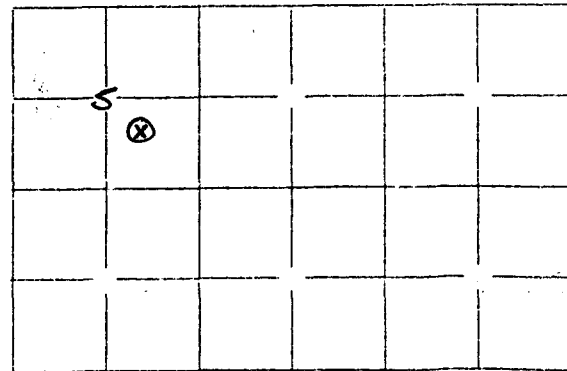
Corrected Application Received _____ Period of Annual Use April 1 to November 30

WATER QUALITY APPROVAL RECEIVED N.A. APPROVED/CONDITIONAL (Circle one)

WI-1 Description same as Application YES _____ NO _____ REMARKS _____

Diversion Point NW 4 SE 4 Sec. 5 T1N-R7E

Land to be Irrigated N.A.



Well Log: Driller _____ Licensed YES _____ NO _____

Depth of Well est. 600-700 ft REMARKS Geologic cross section submitted with app.

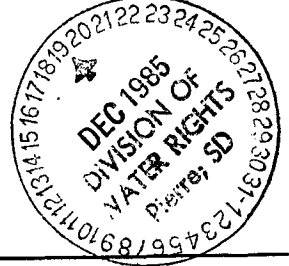
Type of Map Topo PREPARED BY Steven Quinell SCS Reviewed and the Number assigned on 12-19-85 By R.C. Larson

No. 1952-2 Hydrologic Unit 10120110
 Map No. Same Basin Upper Cheyenne
 Newspaper Rapid City Journal, Box 450

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

Check use of water: Industrial ☐ Commercial ☐ Municipal ☐ Other Common Distribution System ☐
 Rural Water System ☐ Suburban Housing ☐ Geothermal Heat ☐ Institutional ☐ Recreational ☐
 Domestic ☒ (above 18gpm) Other ☒

Type of Application: Check one or more of the following

New ☒ Vested Right ☐ Future Use ☐ Change Use ☐☐ Amend Permit No. _____ with old priority date retainedChange diversion point(s) ☐ Add diversion point(s) ☐ Other ☐ _____☐ Application to: Change diversion point(s) ☐ Add diversion point(s) ☐ on Permit No. _____☐ Construction to use water reserved by Future Use Permit No. _____1. Name of Applicant Dept. of Military & Veterans Affairs Phone No. 394-6670Post Office Address 2823 West Main St., Rapid City State SD 57702
(Street, RR or Box) Zip Code2. Amount of water claimed (c.f.s) 75 GPM 0.17 cfs3. Source of water supply Minnelusa Aquifer4. Location of point of diversion 1360' west and 2100' north of Southwest corner of
Sec 5, T 1 N, R 7 E (West Camp Rapid Well #2)County Pennington5. Counties where water will be used Pennington6. Annual period during which water is to be used April through November

7. Give a brief description of proposed 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)

The well will provide as a water supply point for troop training area.

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map (see instruction)

STATE OF SOUTH DAKOTA)
County of Pennington)^{ss}I, Jerry F Hoenke the applicant, certify that I have read the foregoing application, have examined the attached map and that the matters therein stated are true and that I intend, and am able to complete the necessary construction.Signed [Signature]Subscribed and sworn to before me this 18 day of December 19 85My commission expires Mar 24, 1986[Signature]
Notary Public (or other qualified officer)

WATER PERMIT

The Water Management Board hereby approves Water Permit Application No. 1952-2
Dept of Military and Veteran Affairs 2823 West Main St., Rapid City
(Applicant) (Post Office Address)
SD 57702 With the following qualifications.
(State) (Zip Code)

1. The well casing shall be pressure grouted with cement (bottom to top) from the producing formation to the surface in compliance with Water Management Board well construction rules, Chapter 74:02:04.

2. 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.

Date of first receipt of application December 19, 1985.

Date of return to applicant for correction, amendments or changes required _____, 19____.

Date of receipt of corrected application _____, 19____. Approved March 5, 1986.

The Water Management Board hereby approves this Water Permit No. 1952-2 authorizing the construction of the water use system and the placing of water to beneficial use as stated in the Application and as qualified in the Water Permit approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is December 19, 1985.

2. The equivalent of at least one-fifth of the specified work is to be completed on or before August 5, 1988.

3. The whole of said work is to be completed on or before March 5, 1991.

4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is March 5, 1995.

5. The water appropriated shall be used for the purpose of Domestic use

6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be unlawfully impaired by this appropriation.

7. The amount of the appropriation herein granted shall not exceed .17 cubic feet per second; neither shall it exceed the capacity of the above described water supply system nor shall it exceed the amount of water needed for beneficial uses served and to which water is actually and beneficially applied for domestic use on or before March 5, 1995; said water to be used during the following described annual period: April 1 - Nov. 30

WATER MANAGEMENT BOARD
 By: John Hatch
Chief Engineer
 Division of Water Rights
 Dept. of Water and Natural Resources

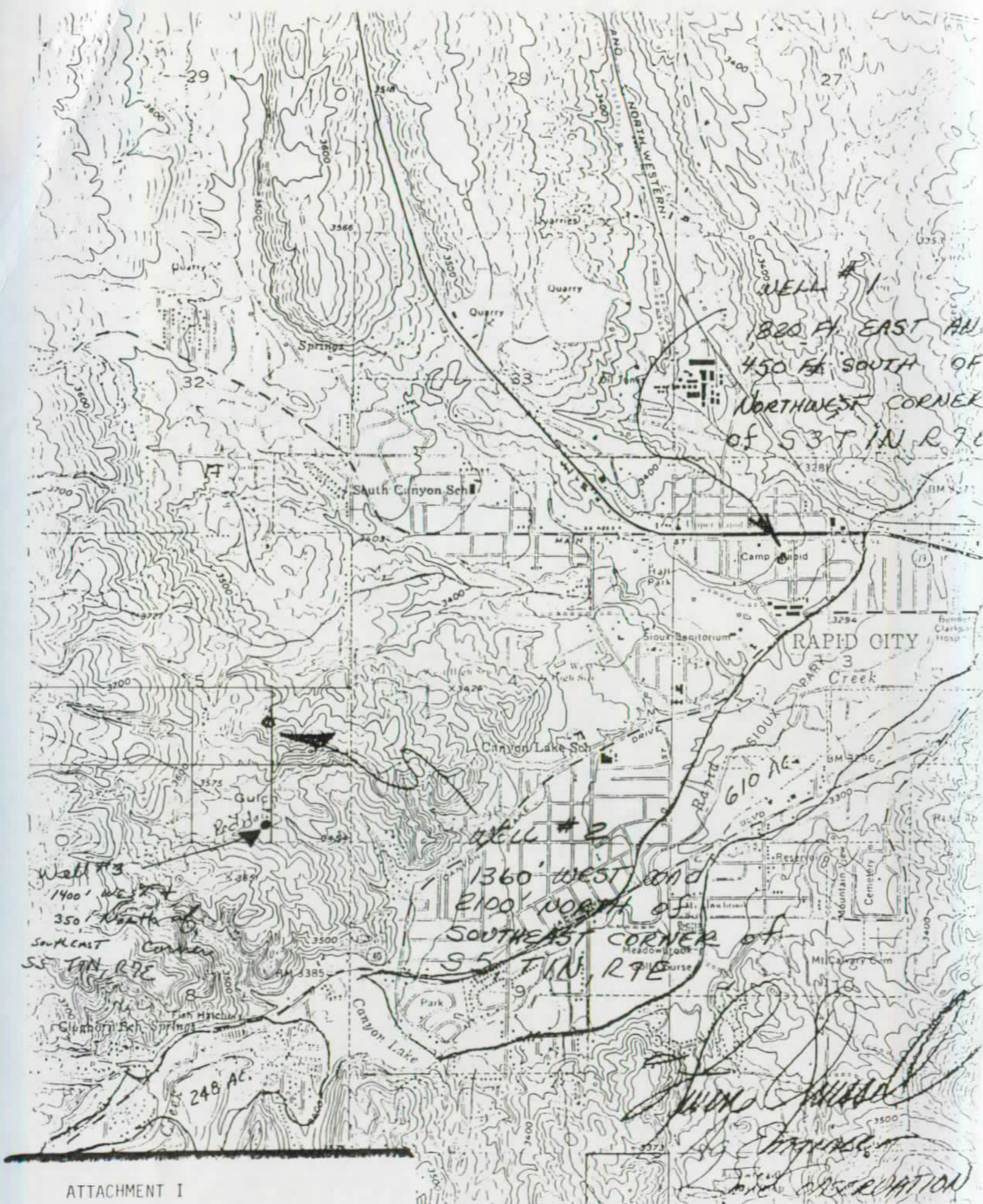
APR 21 1986, 19____

Signature of Applicant

Table 1.—Bedrock formations and aquifers (modified from Robinson, and others, 1964,
p. 6-7; Cattermole, 1969 and 1972; Staats, 1983, p. 6; and Peterson, 1984, table 1)
and Lisinbre, 1985)

Era	System	Series	Geologic unit	Thickness (feet)	Hydrologic unit (aquifer unit)	Description
Cenozoic	Tertiary	Oligocene	White River Formation	0-150	White River aquifer	Sandstone, claystone, and siltstone. Gray and brown. Occurs in isolated outcrops.
			Intrusive rocks			Alkaline igneous
	Cretaceous	Upper	Pierre Shale	1,200-1,400	Confining beds	Shale, sandstone, marl, limestone, and bentonite. Gray and black in color.
			Niobrara Formation	120-225		
			Carlile Shale	600-800		
			Greenhorn Formation	70-370		
			Belle Fourche Shale	350-850		
		Lower	Mowry Shale	180-230	Newcastle aquifer ^{1/}	Sandstone, siltstone, shale, and claystone. The lateral equivalent of the Dakota Sandstone, a major aquifer in eastern South Dakota (Schoon, 1971), the Newcastle is too thin and fine-grained in this area to be a major aquifer.
			Newcastle Sandstone	0-95		
			Skull Creek Shale	110-321	Confining bed	Shale; black or dark gray in color.
			Fall River Formation or Sandstone	10-200	Inyan Kara aquifer (Layer 1)	Sandstone, conglomeratic sandstone, shale, siltstone, and claystone. Coal beds near base locally. Gray, brown, yellow, black, white, red, and green in color. Thickness varies within short distances. Thin bedded to massive. The top is generally identifiable by the presence of brown sandstone, however, interbedded black shale in the Fall River Formation may be mistaken for the Skull Creek Shale.
			Lakota Formation	30-300		
	Jurassic	Upper	Morrison / Unkpapa Formation / Sandstone ^{2/}	20-260 / 0-150	Confining beds	Shale, siltstone, sandstone, limestone, and massive gypsum beds. Red, green, gray, yellow, pink, and maroon in color. Parts of these geologic units are aquifers locally, in particular the sandstone members of the Sundance Formation. The upper contact of the Morrison Formation is often difficult to identify because thin, discontinuous, gray sandstone beds in the Morrison are similar to those in the Lakota Formation. The Minnekahta Limestone is particularly easy to identify in the subsurface by its lithology and color; it is gray or pink limestone which stands out in comparison to the red or maroon shales in the overlying and underlying units.
			Sundance Formation	145-530		
		Middle	Gypsum Spring Formation ^{3/}	0-201		
	Triassic		Spearfish Formation	450-845		
	Permian		Minnekahta Limestone	25-65		
			Opeche Formation or Shale	50-199		
Paleozoic	Pennsylvanian		Minnelusa Formation	340-800	Minnelusa aquifer (Layer 2)	Sandstone, limestone, dolomite, and shale. Local gypsum and anhydrite. Yellow, white, brown, purple, red, and gray in color. Thin to thick bedding. Top is generally identifiable by change from the maroon and red shale and sandstone beds of the Opeche Formation to the yellow, red, and white sandstone beds of the Minnelusa Formation.
					Confining beds	Limestone, dolomite, sandstone and shale. Gray, red, salmon, purple, and white in color. Thin to thick bedding. Red clayey shale commonly at base of the formation.
	Mississippian		Madison Limestone or Pahasapa Limestone	400-850	Madison aquifer (Layer 3)	Limestone, locally dolomitic. Gray or buff in color. Generally massive, cavernous in upper part. Permeability from fractures and solution features. Distinguishable from the Minnelusa by the buff color and lack of bedding.
	Devonian		Englewood Formation	40-75	Confining beds	Limestone, dolomite, and shale. Pink, buff, and green in color. The Whitewood Dolomite is the stratigraphic equivalent of the more extensive Red River Formation. The Englewood Formation appears to be, based on the location of springs and the reaches of stream infiltration, to be the hydrologic base of the Madison aquifer. The Englewood Formation is identified by its distinctive pink-colored limestone beds.
	Silurian		Not present	0		
	Ordovician		Whitewood Dolomite or Limestone or Red River Formation	50-427		
			Winnipeg Formation	60-179		
	Cambrian		Deadwood Formation	300-500	Deadwood aquifer ^{1/}	Sandstone, shaly limestone, and shale. White, red, brown, green, and gray in color. Missing in some areas where replaced by intrusives.
	Proterozoic				Base of hydrologic system	

- 1/ Minor source of supply in the study area.
2/ Only in the southern and eastern Black Hills.
3/ Only in the northern and western Black Hills.



WELL #1
820 FT. EAST AND
450 FT. SOUTH OF
NORTHWEST CORNER
OF S33 T19N R72E

WELL #2
1360' WEST AND
2100' NORTH OF
SOUTHEAST CORNER OF
S9 T19N R72E

WELL #3
1400' WEST AND
350' SOUTH OF
SOUTHEAST CORNER
OF S8 T19N R72E



STATE OF SOUTH DAKOTA
DEPARTMENT OF MILITARY AND VETERANS AFFAIRS
OFFICE OF THE ADJUTANT GENERAL
2821 WEST MAIN STREET
RAPID CITY, SOUTH DAKOTA 57702-8186

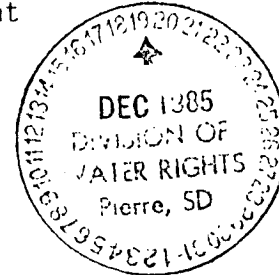
DIVISIONS
National Guard
Emergency Disaster Service
Veterans Affairs

SDFMO

18 Dec 85

SUBJECT: Application for a Water Permit and/or Right

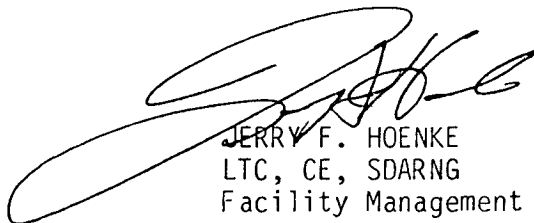
Water Rights Division, DWNR
Joe Foss Building
Pierre SD 57501



1. The Department of Military and Veterans Affairs is applying for a water permit so that we may establish two wells on our property. Well #1 is located on Camp Rapid and will be used to support a sprinkler system for the parade field, (irrigation). Well #2 is located on West Camp Rapid and will be utilized as a water supply point for the troop training area.
2. Enclosed are three application forms, (1) application for irrigation, (2) application for other uses than irrigation, (3) Soil/water compatibility application, it is our understanding that we are exempt from paying the filing fees, but will be responsible for paying the publication cost. Also as per phone conversation with Kevin Larson, it is understood you will forward our Soil/Water Compatibility to the Department of Agriculture for processing. We have sent a water sample to the Water Quality Lab at SDSU for testing.
3. Should you have any questions or need further information, please contact Ted Johnson at 394-6670, we would appreciate being kept informed as to the progress of the application, thank you for your cooperation in this matter.

FOR THE ADJUTANT GENERAL:

Encl
as


JERRY F. HOENKE
LTC, CE, SDARNG
Facility Management Officer



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

October 7, 1987

Jerry F. Hoenke
2823 West Main St
Rapid City SD 57702-8186

Dear Mr. Hoenke:

This letter is in response to the water permit application for the Dept. of Military & Veterans Affairs received on September 11, 1987. The legal description of the well location needs to be clarified before the application can be processed. Well No. 3 as located on the enclosed map does not appear to be in the location described on the application or map (1200 feet W and 1800 feet N of the Southwest corner of Section 5-T1N-R7E). I believe the correct legal description should be approximately 1400 feet W and 350 feet N of the Southeast corner of Section 5, T1N, R7E assuming the well is marked in the correct location on the map.

Please make the needed corrections on the map and application and return to the Water Rights Division for further processing. Contact us if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Ron Duvall". The signature is fluid and cursive.

RON DUVALL
Natural Resources Engineer
605-773-3352

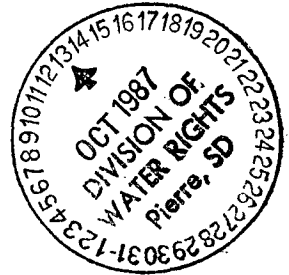
enclosure



Air Guard

October 8, 1987

Ron Duval
Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre SD 57501-3181



Dear Mr. Duval:

The location of the well on the map is in the correct location, however, we inadvertently sighted the wrong legal description. We are in agreement with you that the correct legal description should be approximately 1400 feet W and 350 feet N of the Southeast corner of Section 5, T1N, R7E.

We apologize for any inconvenience this may have caused you, and thank you for calling it to our attention.

Sincerely,

Jerry F. Hoenke
Lieutenant Colonel, CE
Facility Management Officer

RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION No. 1952-2, South Dakota Department of Military
& Veterans Affairs

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Water and Natural Resources concerning Water Permit Application No. 1952-2, South Dakota Department of Military & Veterans Affairs, 2823 West Main Street, Rapid City SD.

The Chief Engineer is recommending APPROVAL of Application No. 1952-2 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) in the public interest with the following qualifications:

1. The well casing shall be pressure grouted with cement (bottom to top) from the producing formation to the surface in compliance with Water Management Board well construction rules, Chapter 74:02:04.
2. 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 the attached report for additional information.



JOHN HATCH, Chief Engineer
January 14, 1986

REPORT ON PERMIT APPLICATIONS NO. 1952-2 and No. 1953-2
SOUTH DAKOTA DEPARTMENT OF MILITARY & VETERANS AFFAIRS

December 31, 1985

Application No. 1952-2 proposes to appropriate 0.17 cfs from one well 600-700 feet deep, located in the NW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 5, T1N, R7E. The well will provide a water supply point from April through November, for the troop training area (West Camp Rapid). Application No. 1953-2 proposes to appropriate 0.17 cfs from one well 600-700 feet deep, located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 3, T1N, R7E. The well will provide a water supply to irrigate 13 acres from June through September. The land to be irrigated is the parade field at Camp Rapid and is located in the NW $\frac{1}{4}$ Section 3, T1N, R7E.

Aquifer - Minnelusa Formation

The Minnelusa Formation is an assemblage of alternating beds of sandstone, limestone and dolomite, with lesser amounts of black shale and chert. The formation underlies approximately 1,372,520 acres of Pennington County and contains an estimated 51,432,000 acre-feet of recoverable water in storage (Allen, 1984). Recharge to the aquifer has not been quantified, but occurs through direct infiltration of precipitation at the outcrop area, and potentially from upward movement of water from the Madison Limestone. Wells producing from the Minnelusa yield 6-1000 gpm and have specific capacities of 0.039-2.5 gpm/ft (Water Rights Division files, 1985). In the area of the proposed wells, the top of the Minnelusa is 150-200 feet below the land surface, and the formation is at least 400 feet thick (Water Rights Division Files, 1985). The aquifer is under artesian conditions, and the well proposed for Application No. 1953-2 should flow with approximately 20 psi pressure. The water level of the well proposed by Application No. 1952-2 should be approximately 180 feet below the land surface.

The Water Rights Division monitors three observation wells in the area of the proposed wells: PE-65A, a Madison well; PE-64A, a Minnelusa Well; and PE-64B, a Minnelusa Well. The wells fluctuate seasonally in response to recharge and discharge of the aquifers, but do not reflect a decline of head pressure or flow.

Review of Existing Permits

Twelve permits, appropriating water from the Minnelusa Formation, have been issued within approximately two miles of the proposed wells. They include:

<u>Permit No.</u>	<u>Owner</u>	<u>Diversion Rate</u>	<u>Use</u>
433-2	City of Rapid City	0.84 cfs	Municipal
434-2	City of Rapid City	0.55 cfs	Municipal
435-2	City of Rapid City	1.78 cfs	Municipal
436-2	City of Rapid City	1.55 cfs	Municipal
438-2	City of Rapid City	0.22 cfs	Municipal
506-2	Base Central Mix	0.34 cfs	Commercial
716-2	Julian Staven	0.22 cfs	Domestic
902-2	SD Cement Plant	3.14 cfs	Future Use
1155-2	Spring Brook Acres Water Users Asso.	0.53 cfs	Suburban Housing
1451-2	John M Hillard	0.16 cfs	Commercial
1729-2	Carriage Hills Water Assoc.	0.17 cfs	Suburban Housing
1943-2	Lake Park Motel	0.10 cfs	Commercial

Conclusions

1. Application No. 1952-2 proposes to appropriate 0.17 cfs from a Minnelusa well for use from April through November.
2. Application No. 1953-2 proposes to appropriate 0.17 cfs from a Minnelusa well for use from June through September.
3. The Minnelusa is a viable source of water in this area.
4. Observation wells in the area do not show a decline in head pressures of the Minnelusa.
5. There is no aquifer test information available for this area, but the wells will have relatively low withdrawal rates and therefore should cause little or no influence on existing permits.
6. The wells should be constructed according to the Well Construction Standards of South Dakota, Chapter 74:02:04.


KENT BUHLER

Natural Resources Engineer

References

- Allen, J.C., Iles, D.L., Peters, A.K., 1984, Analysis of Ground Water and Streamflow Data Western Dakotas Region of South Dakota: Tasks 3 & 4: Groundwater Resources Inventory: Department of Water and Natural Resources Division of Geological Survey, Vermillion, South Dakota, 57069, U.S. Army Corps of Engineers Contract No. DAWC 45-82-C-0151
- Division of Water Rights, "Water Permit and Domestic Well Log Files", DWNR, Pierre SD, 1985.

No. 1952-2

Instruction to Newspaper - Publish first publication of the following Notice on or before **January 22, 1986** with 2nd publication 1 week later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 1952-2 to Appropriate Water
and/or to Amend Water Permit or Water Right No. _____

Notice is hereby given that S.D. Dept. of Military & Veterans Affairs whose mailing address is
2823 W. Main St., Rapid City, South Dakota has made an application for a permit

to appropriate 0.17 cubic feet per second from one well 600-700 feet deep (Minnelusa formation) located in NW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 5 T1N-R7E. Well will provide a water supply point for troop training area (West Camp Rapid).

Pursuant to SDCL 46-2A-2 the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 1952-2 because 1) unappropriated water is available, 2) will be no unlawful impairment of existing rights, 3) is beneficial use of water and 4) is in the public interest.

This application will be considered by the Water Management Board at Joe Foss Building, Room 216, 523 E. Capitol, Pierre, South Dakota on March 5 19 86 at 10:00 am.

The recommendation of the Chief Engineer is not final or binding upon the Board and the Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny this application after it reaches a conclusion based upon facts presented at the public hearing. Any interested person who may be affected by a Board decision and who intends to participate in the hearing before the Board and present evidence or cross-examine witnesses according to SDCL 1-26, must file a written petition with BOTH the applicant and the Chief Engineer by February 21, 1986. The petition may be informal, but it must include a statement describing the petitioners interest in the application, the reasons for the petitioner's opposition to or support of the application, and the signature and mailing address of the petitioner or his legal counsel if legal counsel is obtained. The applicant need not file a petition.

This application is made pursuant to the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2 46-5-30.4, 46-5-31; ~~(ground)~~ 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; ~~(future use)~~ 46-5-38 thru 46-5-40; ~~(transfer lands)~~ 46-5-30.4, 46-5-33 thru 46-5-35; ~~(10,000 AFA)~~ 46-5-20.1, 46-5-8.1; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15; ~~(future use)~~ 74:02:01:24 thru 74:02:01:25; ~~(10,000 AFA)~~ 74:02:01:15:02 thru 74:02:01:15:05.

This hearing is an adversary proceeding. The applicant or any person, after filing a petition, has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

Any person wishing a copy of the Chief Engineer's recommendation, further information on this application or to assure access to the hearing by the handicapped can contact the Water Rights Division, DWNR, Joe Foss Bldg, Pierre SD (605 773-3352) for assistance prior to the hearing date. The time of the hearing will be automatically extended for at least twenty days upon written request of the applicant or any person who has filed a petition to oppose or support the application. The request for extension must be filed with the Chief Engineer by February 21, 1986.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County _____) ss.

I, Mary K. Garness hereby

certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the Rapid City Journal

A newspaper which during the whole time of publication of said notice
herein after stated, has been and is printed and published in the _____

City Rapid City
of _____

County of Pennington and State of South Dakota;
that the said notice was published in said newspaper on the following
two dates:

January 22, 1986

January 29, 1986

Mary K. Garness
(Signature)

Bookkeeper

(Title)

January 29, 1986

(Date Signed)

Cost of Printing: Ran 8 11/16 inch legal advertisement
in the Rapid City Journal on January 22 & 29 @
\$4.20 per inch = 72.98

Jan. 22, 29 L.428
**NOTICE OF HEARING
ON APPLICATION 1952-2
TO APPROPRIATE WATER**

Notice is hereby given that S.D. Dept. of Military & Veterans Affairs whose mailing address is 2823 W. Main St., Rapid City, South Dakota has made an application for a permit to appropriate 0.17 cubic feet per second from one well 600-700 feet deep (Minnelusa formation) located in the NW 1/4 SE 1/4 Section 5, T1N-R7E. Well will provide a water supply point for troop training area (West Camp Rapid).

Pursuant to SDCL 46-2A-2 the Chief Engineer of the Water Rights Division recommends Approval of Application No. 1952-2 because 1) unappropriated water is available, 2) will be no unlawful impairment of existing rights, 3) is beneficial use of water and 4) is in the public interest.

This application will be considered by the Water Management Board at Room 216, 523 E. Capitol, Pierre, South Dakota, March 5, 1986 at 10:00 a.m.

The recommendation of the Chief Engineer is not final or binding upon the Board and the Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny this application after it reaches a conclusion based upon facts presented at the public hearing. Any interested person who may be affected by a Board decision and who intends to participate in the hearing before the Board and present evidence or cross-examine witnesses according to SDCL 1-26, must file a written petition with BOTH the Applicant and the Chief Engineer by February 21, 1986. The petition may be informal, but it must include a statement describing the petitioner's interest in the application, the reason for the petitioner's opposition to or support of the application, and the signature and mailing address of the petitioner or his legal counsel if legal counsel is obtained. The applicant need not file a petition.

This application is made pursuant to the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

This hearing is an adversary proceeding. The applicant or any person, after filing a petition, has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

Any person wishing a copy of the Chief Engineer's recommendation, further information on this application or to assure access to the hearing by the handicapped can contact the Water Rights Division, DWNR, Joe Foss Bldg., Pierre, S.D., (605-773-3352) for assistance prior to the hearing date. The time of the hearing will be automatically extended for at least twenty days upon written request of the applicant or any person who has filed a petition to oppose or support the application. The request for extension must be filed with the Chief Engineer by February 21, 1986.





Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

Water Rights Division
605 773-3352

1952-2

'APR 21 1986

Department of Military & Veterans Affairs
2823 West Main Street
Rapid City, South Dakota 57702

Dear Sir:

Enclosed herewith is your Water Permit No. 1952-2 as approved by the Water Management Board authorizing you to construct your water diversion system and the water to beneficial use, not exceeding the limits as specified in said Water Permit No. 1952-2.

Also enclosed is Form 10, Notice of Completion of Works and Application of Water to Beneficial Use, which you are to complete and submit to the Chief Engineer when you have completed the system and/or have put the water to beneficial use. An inspection can then be scheduled so that your Water License may be issued to you, thus completing your acquisition of a Water Right.

Very truly yours,

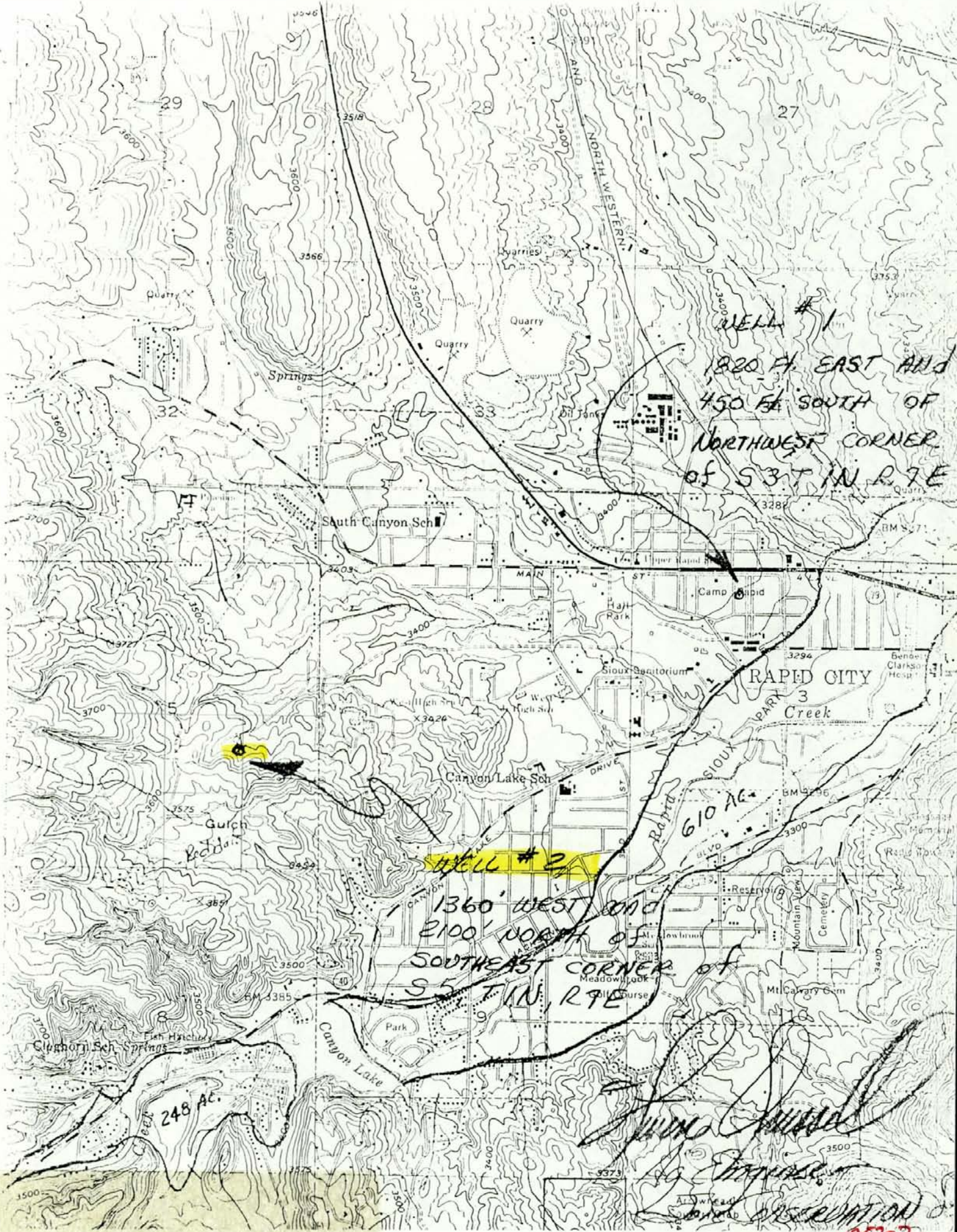
JOHN HATCH, Chief Engineer
Water Rights Division

JH:ms

enclosure

PLEASE NOTE: Certain changes can be made in your permit within the five year construction period, usually without affecting the priority date provided an application to amend your permit is made within the five year period-i.e. changes in location or number of diversion points (wells) or location of land to be irrigated. Well locations for wells into the same aquifer can be moved up to 660 feet without application.

Applications to amend a permit after the five year construction period will be assigned a new priority date. Applications to change water sources, to add lands or increase original diversion rates, if approved will usually receive the date of the new application as a priority date regardless of the five year construction period.



WELL #1
1820 FT. EAST AND
450 FT. SOUTH OF
NORTHWEST CORNER
OF S3 T1N R7E

WELL #2
1360' WEST AND
2100' NORTH OF
SOUTHEAST CORNER OF
S5 T1N R7E

Report of Examination of Works and/or Application of Water to Beneficial Use For Permit No. 1952-2

I have this day, April 12, 2017 made a thorough examination of the water use system constructed by Department of the Military (formerly Military and Veterans Affairs @ Camp Rapid), 2823 W Main St, Building 420, Rapid City, SD 57702-8186 of Permit No. 1952-2, bearing the priority of 12/19/85 authorizing the diversion of .17 cu. ft. per second of water from 1 well for domestic purposes, in Pennington County.

Inspection contact & relationship to permit holder, if applicable: **Emily Beck, Environmental Coordinator**
emily.s.beck.nfg@mail.mil
605-737-6670

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: 916th Engr Det (WD), Bismark No.Dak. (1985)
- 2) No. of Wells 1
- 3) Depth(s) unknown feet (Minnelusa Well estimated between 225' and 330' deep)
- 4) Well log is available: No

Casing:

- 1) Diameter 6 inches
- 2) Length unknown feet
- 3) Type Steel

Screen:

- 1) Type N/A
- 2) Length - feet
- 3) Static water level 150 ft. (Water level is an estimate based on the other Minnelusa well on the property located at approximately the same elevation.)

Pump:

- 1) Make Grundfos
- 2) Model 75 S75-11 (06/06/03)
- 3) Size 6 in.
- 4) Capacity 40 GPM (based on drawdown to 200' level and 50 psi discharge pressure)
- 5) Horsepower rating 7 ½ hp.

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

1 ¼" PE pipe to pump house pressure system which then serves a single hydrant

C. Works used to apply water to beneficial use:

The system serves portable showers used during Golden Coyote Training (summer camp) and provides water for fire suppression if needed. Total estimated annual use is approximately 20,000 gallons per year.

D. Compliance with Permit Requirements:

1) Permit qualifications being abided by : **The well is believed to have been constructed according to SD well construction standards based on other similar wells constructed by the 916th Engr Det during summer training exercises, however a well completion report is not available.**

List any extended period of nonuse: **none**

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:

1,468' N and 1,599' W of SE corner Section 5 T1N R7E (44.071627, -103.298164)

2. The works are capable of diverting and conveying to the place of use **0.09** cu. ft. per second of water (40 gpm) of water which is to be used for **domestic** use and the license should be issued for **0.09** cfs

3. All structures, wells and lands on map **Yes**

F. Comments or other permit(s) associated with the project: The current system may be expanded to provide a potable water system at some future date.

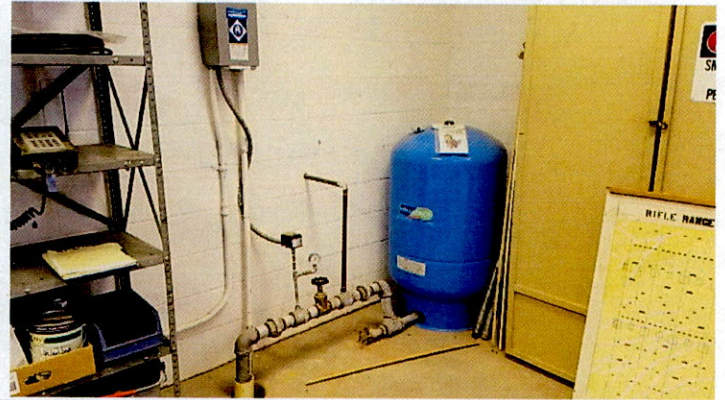


Steven Quissell
Water Rights Inspector
DENR Water Rights Program

Date report completed: **4/25/17**



Well



Pump house appurtenances



System outlet with well in background

Water Right #2036-2 and #1952-2
Department of the Military
4/12/2017



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>

June 23, 2017

1952-2
2036-2

Department of the Military
c/o Emily Beck, Environmental Coordinator
2823 W Main St, Bldg 420
Rapid City SD 57702-8186

Dear Ms. Beck:

Enclosed are partially completed "Notice of Transfer" forms for use in filing an ownership/name change on Water Permit Nos. 1952-2 and 2036-2. The water permits are currently listed in the name of Department of Military & Veterans Affairs.

The transfer forms should be checked over for accuracy and signed by the new owner. Upon completion, return the forms to our office with a required filing fee of \$50.00 each (\$100.00 total).

For informational purposes, under South Dakota Water Law, water must be placed to beneficial use for the purpose it was appropriated at least once every three years in order to maintain water permit. This three year period can be waived if legal excuse exists for the years of nonuse. Enclosed are excerpts of the water right laws and Water Management Board Rules dealing with these issues.

South Dakota Water Law 46-5-30.3 requires Notice of any sale, grant, lease, conveyance or other transfer of a water permit or water right to appropriate water to be filed with this office within ninety days.

If you have any questions, please contact me.

Sincerely,

A handwritten signature in cursive script that reads 'Karen Schlaak'.

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

enclosures

1952-2
2036-2

FILE DOCUMENTATION

On April 12, 2017, Steve Quissell, a staff engineer with the Water Rights Program conducted a licensing investigation of Water Permit Nos. 1952-2 and 2036-2 held by Military and Veterans Affairs in Rapid City, SD.

Prior to licensing, a letter was written to Emily Beck, Environmental Coordinator with the Department of Military and Veterans Affairs requesting they file a transfer of ownership to get the permits listed in the correct name of Department of Military. Ms. Beck responded with an inquiry as to why the transfers were needed when it was at the directive of the Governor that the department of Military and Veterans Affairs be renamed to Department of Military.

After discussion with staff, a decision was made by the Chief Engineer to make the name change to the permits without going through the process of filing the transfer forms.

The water permits were subsequently changed "in house" and the permits licensed accordingly.



Genny McMath
Water Rights Program
June 29, 2017



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

denr.sd.gov

1952-2
2036-2

JUN 29 2017

Department of Military
Emily Beck, Environmental Coordinator
2823 W Main St
Building 420
Rapid City SD 57702-8186

Dear Ms. Beck:

Enclosed are Water License Nos. 1952-2 and 2036-2. These are the final water right documents completing the process of obtaining a Water Right. Also, included with your license is a map prepared by the staff engineer who conducted the investigation.

For your information SDCL 46-6-27 requires that if in the future the owner drills a replacement well and has no plan to use the old existing 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. 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. 1952-2

(1) Department of Military (formerly Department of Military & Veterans Affairs), 2823 W Main St., Building 420, Rapid City SD 57702-8186 made Application No. 1952-2, December 19, 1985 for a water permit to divert 0.17 cubic feet of water per second from one well - Minnelusa Aquifer, Pennington County, South Dakota for domestic use purposes. Permit No. 1952-2, with a priority date of December 19, 1985 was approved March 5, 1986 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before March 5, 1991 and for the application to beneficial use of water on or before March 5, 1995.

(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. 1952-2 is issued a license, bearing a priority date of December 19, 1985 to appropriate 0.09 cubic feet of water per second (40 gallons per minute) from one well - Minnelusa Aquifer for domestic use purposes for the Golden Coyote training summer camp.

The diversion point is located: 1,468 feet north and 1,599 feet west of the SE corner of Section 5-T1N-R7E (NW 1/4 SE 1/4).

(3) This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Permit No. 1952-2 including the following qualifications:

- The well casing shall be pressure grouted with cement (bottom to top) from the producing formation to the surface in compliance with Water Management Board Well Construction Rules Chapter 74:02:04. *A well completion report is not available. Based on similar wells constructed by the 916th Engr Det during summer training exercises it appears the well would have been constructed according to SD Well Construction Standards.*
- 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 2017

date

