

WATER PERMIT NO. 1920-1

Name of Applicant: Elk Valley Ranchettes Homeowners Assoc.

Address: 1295 Husker Place, Rapid City SD 57701 Phone: 605 787-4934

Amount of Water Claimed: 0.10 cfs Total Acres: NA

Source of Water Supply: groundwater (one well)

Water to be used for: suburban housing development County: Meade

Type of Waste Disposal System:

Location: 6 miles east of Piedmont

PRIORITY Date Received: 1-24-11 Application/License Fee: \$300

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

Remarks:

Diversion Point: NW ¼ SW ¼ Sec 23-T3N-R7E

Land to be Irrigated: NA

Depth of Well: 950 feet deep

Well Driller:

Remarks:

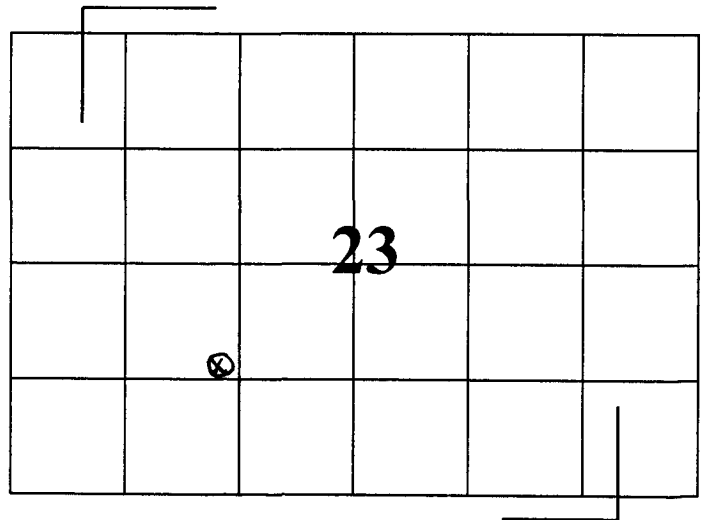
Type of Map: plat

Prepared by: Greg Wierenga, PE

Reviewed and the Number Assigned on: 1-24-11

By: Karen Schlaak

Notice of Hearing - date to intervene: _____



SD EForm - 1585LD V3

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

Mail to:
PMB 2020
DENR - Water Rights
523 E Capitol Ave
Pierre, SD 57501-3182
ph. (605) 773-3352

(office use only)
No. 1920-1 Hydrologic Unit 10128111
Basin Upper Cheyenne
Newspaper Meade Co Times & Tribune 1022161 nst.
605-347-2503 Sturgis 57285

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JAN 24 2011

WATER RIGHTS
PROGRAM

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

Check use(s) of water:

☐ Municipal ☒ Suburban Housing ☐ Recreational ☐ Institutional
☐ Rural Water System ☐ Commercial ☐ Fish & Wildlife ☐ Geothermal Heat
☐ Domestic (over 18 gpm) ☐ Industrial ☐ Other _____

Type of Application:
(check one)

☒ New ☐ Vested Right (Use predates Mar 2, 1955) ☐ Future Use Reservation
☐ Place to Beneficial Use Water Reserved by Future Use Permit No. _____
☐ Amendment/Correction to Permit No. _____

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

1. Name of Applicant Eik Valley Ranchettes Homeowners Assoc Phone 605-787-4934
(check one) ☒ Owner ☐ Tenant/lessee 90 Bill Rose

Mailing Address 1295 Husker Place Rapid City SD 57701
(Address) (City) (State) (Zip Code)

2. Amount of water claimed 0.10 *CFS or 45 **GPM ***AF
(*Cubic Feet per Second) (**Gallons per Minute) (***Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply Water well producing from the Lakota Fm

4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Meade
1 New well NW1/4 SW1/4 Section 23 T3N R7E BHM Meade County SD

5. County or counties where water will be used Meade

6. Annual period during which water is to be used Jan 1 - Dec 31

7. 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)

A New well for 25 houses possibly expanding to 30 houses

Existing well will be plugged and abandoned

STATE OF SOUTH DAKOTA)

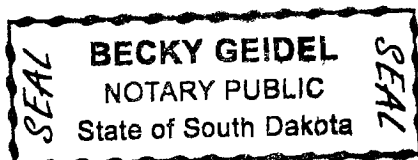
County of Pennings) SS

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

I, William H Rose, the applicant, certify that I have read this application, have examined the attached map and that the matters stated are true and that I intend, and am able to complete the necessary construction.

Applicant's signature William H Rose

Subscribed and sworn to before me this 20th day of January 20 11



Becky Geidel
Notary Public signature

My Commission Expires
September 7, 2012

SOUTH DAKOTA
WATER PERMIT NO. 1920-1

Date of first receipt of application January 24, 2011.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 1920-1 to Elk Valley Ranchettes Homeowners Association, 1295 Husker Place, Rapid City SD 57701 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. 1920-1 appropriates 0.10 cubic feet of water per second from one well to be completed into the Inyan Kara Aquifer (approximately 950 feet deep) located in NW 1/4 SW 1/4 Section 23-T3N-R7E.
2. The water appropriated shall be used for the purpose of suburban housing development and may not exceed the amount of water needed for beneficial use.
3. The water is to be used during the following described annual period: January 1 – December 31.
4. The date of approval of Permit No. 1920-1 is April 4, 2011.
5. The date from which applicant may claim right is January 24, 2011.
6. One-fifth of the construction is to be completed on or before October 4, 2013.
7. All construction is to be completed on or before April 4, 2016.
8. Water is to be put to beneficial use on or before April 4, 2020.
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 authorized by Permit No. 1920-1 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. The existing well located in the SW ¼ NW ¼ Section 23, T3N, R7E shall be plugged in accordance with Water Management Board Rules, Chapter 74:02:04.
4. Elk Valley Ranchettes Homeowners Association shall report to the Chief Engineer annually the amount of water withdrawn from the Inyan Kara Aquifer.

WATER MANAGEMENT BOARD

By: Garland Erbele

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

APR 26 2011

date



Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 8 $\frac{3}{4}$ " Depth 950 ft.
- b) Casing Type Steel Diameter 7" O.D. Thickness .312"
- c) Screen Type Diameter Thickness
- d) Gravel Pack Length of Gravel Pack
- e) Depth to Top of Water Bearing Material 900 ft. (Lakota Fm.)
- f) Depth to Water (ground surface to water level) 80 ft.
- g) Distance to nearest existing domestic well:

On applicant's property 1250 ft.

On property owned by others ~ 3,000 ft.

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

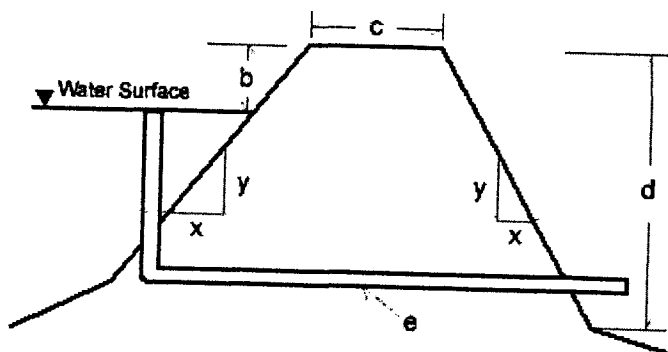
3. Dugout Information

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

4. Water Storage Dams

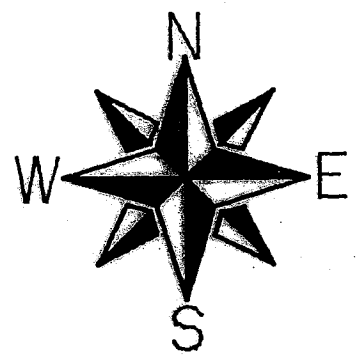
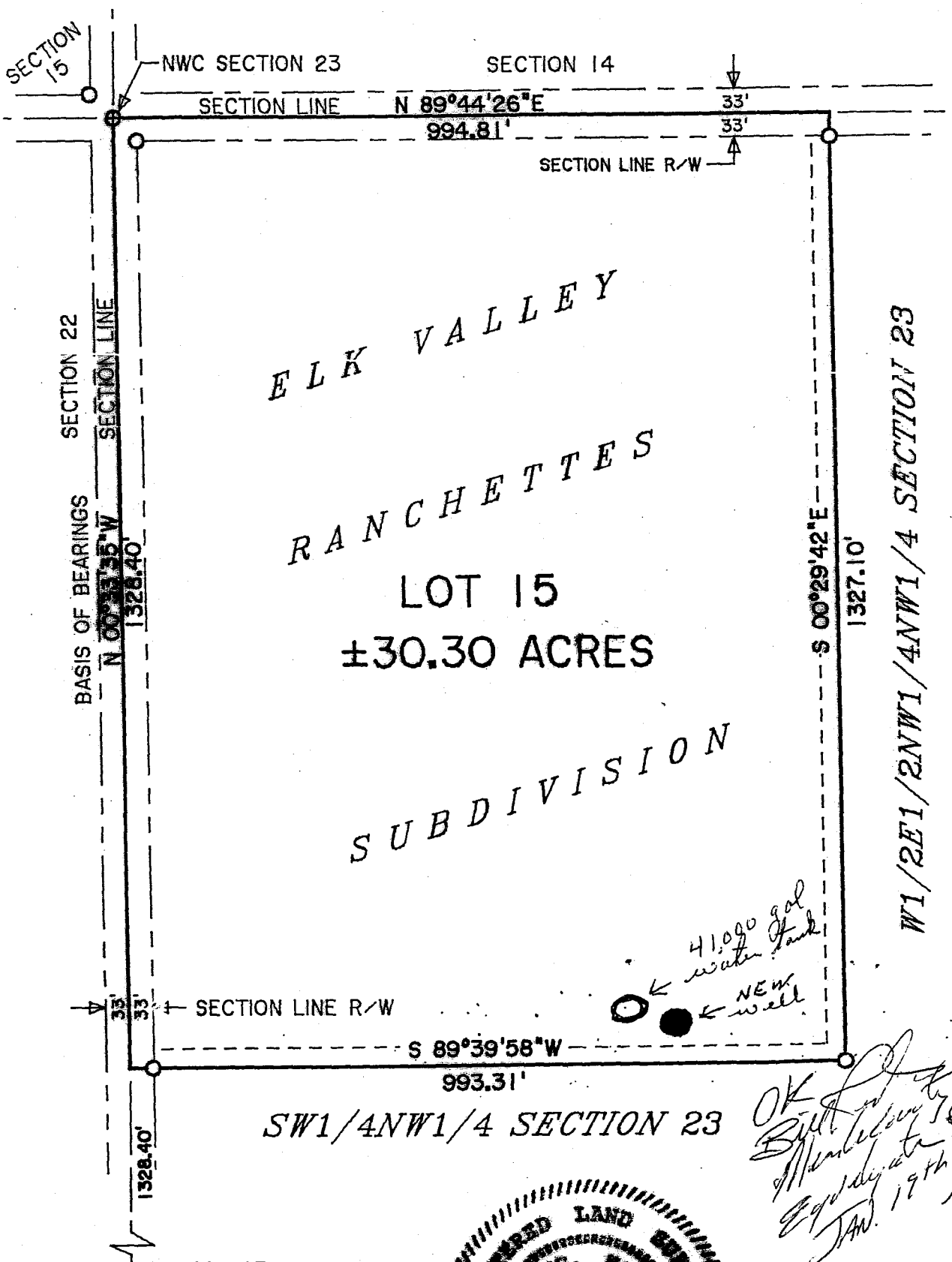
If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

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

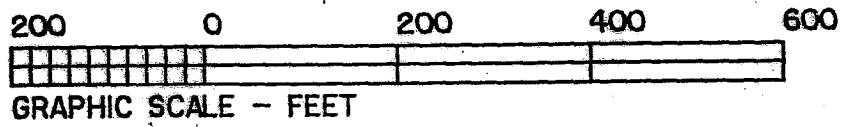


- b) Freeboard
- c) Crest Width
Crest Length
- d) Height
- e) Primary Outlet Capacity
If pipe, diameter
- f) Secondary Spillway Capacity
Spillway Width
- g) X & Y Slope (e.g. 3 to 1 is a typical slope)
Upstream
Downstream
- h) Surface Area of Impoundment
- i) Storage Acre Feet
- j) Drainage Area Above Dam Acres

ELK VALLEY RANCHETTES SUBDIVISION
PLAT OF LOT 15 ELK VALLEY RANCHETTES SUBDIVISION LOCATED IN
W1/2NW1/4NW1/4 and W1/2E1/2NW1/4NW1/4 SECTION 23,
T3N, R7E, BHM, MEADE COUNTY, SOUTH DAKOTA.



MARCH 2000



- ⊕ FD CAP #1019 SECTION CORNER
- SET 5/8" RB W/ CAP #6251

NOTE: WHERE PROPERTY CORNER IS ON SECTION LINE, MONUMENT IS OFFSET 33' AT SECTION LINE RIGHT-OF-WAY.

NOTE: 10' UTILITY EASEMENT EXISTS ON THE INTERIOR SIDE OF ALL LOT LINES.

----- DENOTES BUILDING ENVELOPE 25' SETBACK FROM PROPERTY LINE

PLAT PREPARED BY:
MICHAEL R. HANSON
832 HORACE MANN DR
RAPID CITY, SD 57701
605-388-9652

*OK
Billed to
Meade County
Ag. 19th, 2017*



RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 1/24, 20 11

RECEIVED OF Elk Valley Ranchettes 2000 Peterson Rd Rapid City SD 57701

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

Fee for Application for Permit No. <u>1920-1</u> to Appropriate Water, to construct and to put water to beneficial use	100	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>1920-1</u>	200	00
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	300 00

No. 04677

By Lowell Erbe
Chief Engineer

Water Rights Program - DENR
Conversation File Documentation

NAME OF PERSON OR FILE: Water Permit Application No. 1920-1, Elk Valley Ranchettes

ADDRESS: COUNTY: Meade County

DATE: February 25, 2011 TELEPHONE:

RE: Map

Two maps were submitted with the application for Elk Valley Ranchettes' new well. The maps differ in the location of the new well.

Map 1 with the signature of Greg Wierenga, consultant with CETEC engineering locates the new well approximately 1,380 feet north and 1,080 feet east of the SW corner of Section 23, T3N, R7E (NW $\frac{1}{4}$ SW $\frac{1}{4}$). NOTE: the scale on Wierenga's map should be 1 inch = 200 feet.

Map 2 with the signature of a representative of Meade County Equalization & Planning office shows the well located approximately 1,260 feet south and 760 feet east of the NW corner of Section 23, T3N, R7E. (NW $\frac{1}{4}$ NW $\frac{1}{4}$).

The 2010 FSA aerial map using ArcMap was used to assess which map correctly identifies the proposed well location. Using a reference to existing structures and the existence of a 41,000 gallon storage tank that both maps show being approximately 100 feet west of the proposed well site it is determined that the Wierenga map correctly identifies the intended well location. The storage tank can be seen on 2010 FSA aerial of Section 23.

Mr. Bill Rose called to inquiry about the status of the application. I informed him of the discrepancy in the location of the well between the two maps. He indicated that the Wierenga map is the correct map and the Meade County map can be discarded. He specifically mentioned the location of the proposed well in reference to the storage tank.

The Wierenga map is correct showing the well in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 23, T3N, R7E and should be used for the purpose of the well location.

NAME: Eve Harkness



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 1920-1, Elk Valley Ranchettes Homeowners Association**

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. 1920-1, Elk Valley Ranchettes Homeowners Association, c/o William Rose, 1295 Husker Place, Rapid City SD 57701.

The Chief Engineer is recommending APPROVAL of Application No. 1920-1 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 authorized by Permit No. 1920-1 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. The existing well located in the SW ¼ NW ¼ Section 23, T3N, R7E shall be plugged in accordance with Water Management Board Rules, Chapter 74:02:04.
4. Elk Valley Ranchettes Homeowners Association shall report to the Chief Engineer annually the amount of water withdrawn from the Inyan Kara Aquifer.

See report on application for additional information.

Garland Erbele, Chief Engineer
March 8, 2011

REPORT TO THE CHIEF ENGINEER
ON WATER PERMIT APPLICATION NO. 1920-1
ELK VALLEY RANCHETTES HOMEOWNERS ASSOCIATION
FEBRUARY 28, 2011

Water Permit Application No. 1920-1 proposes to appropriate 0.10 cubic feet of water per second from one well to be completed into the Inyan Kara aquifer (approximately 950 feet deep). The well is to be located in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 23, T3N-R7E, in Meade County. The water is to be used in a suburban housing development.

AQUIFIER: INYAN KARA (INKR)

GENERAL INFORMATION:

The Inyan Kara aquifer is composed of several sandstone units of the Fall River and the underlying Lakota Formations. In a geologic sense, the Fall River and Lakota are separate and distinct formations, and the upper Lakota often contains the Fuson shale unit that may hydraulically separate the two formations locally. However, for all practical purposes, the Fall River Formation and the Lakota Formation can be considered a single hydrologic unit in this area. The Inyan Kara, which was deposited in shallow waters along the eastern shore of the Skull Creek Sea during the Lower Cretaceous age (Merewether, 1975), occurs at a regional scale, extending into Wyoming, North Dakota and Nebraska as well as a major portion of South Dakota, see figure 1. Although the Inyan Kara is areally extensive, only a portion of the water it contains is fresh. More than one-half of the water in the Inyan Kara is moderately saline, and the water is saline to brine in parts (Driscoll and others, 2002)

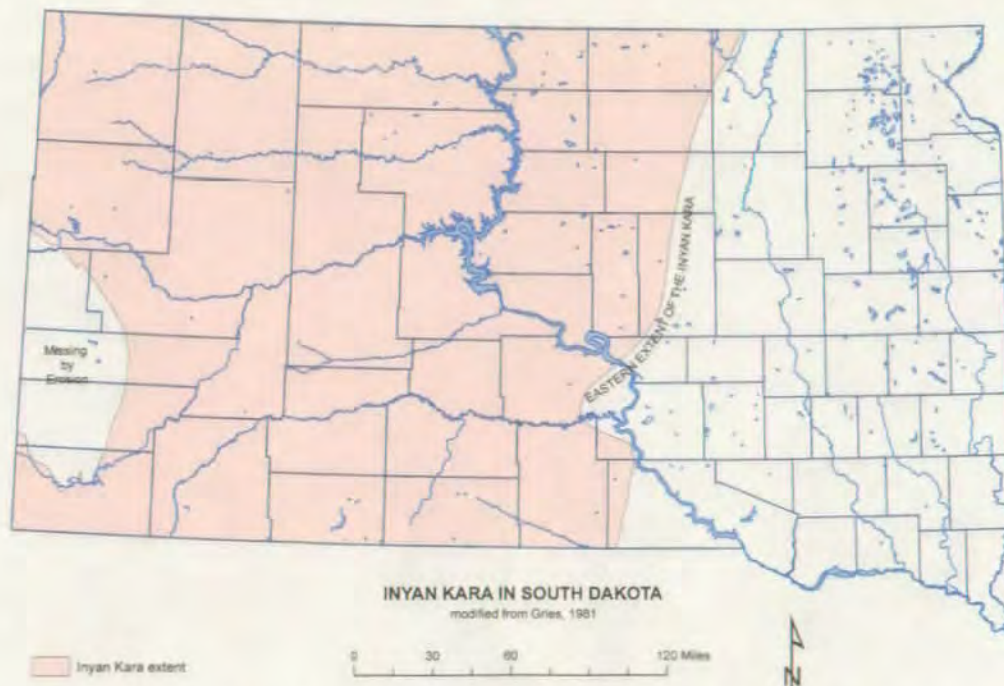


Figure 1. Areal extent of the Inyan Kara aquifer in South Dakota

The Inyan Kara underlies 23,239,040 acres and contains an estimated 308,442,000 acre-feet of recoverable water in storage in western South Dakota (Allen and others, 1985). The aquifer contains an estimated 65,483,800 acre-feet of recoverable water in storage in eastern South Dakota (Hedges and others, 1982). 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 and others 1985). The top of the Inyan Kara is estimated to be approximately 560 feet below grade at this well site (Carter and Redden, 1999), and the aquifer is estimated to be 250 feet thick at this site (Gries, 1981). The Inyan Kara is under confined conditions in this area and potentiometric surface is estimated to be approximately 3050 feet msl (Strobel and others, 2000) or 150 feet below land surface in this area.

Recharge to the Inyan Kara aquifer occurs through infiltration of precipitation and streamflow losses at the outcrop; and possibly through upward leakage from underlying aquifers (Bredehoeft and others, 1983). The total recharge to the aquifer just excluding any upward leakage, consequently a minimum value, is estimated to be 11,600 acre-feet per year (Driscoll and others, 2002).

OBSERVATION WELL DATA:

The DENR-Water Rights Program monitors nine observation wells completed into the Inyan Kara aquifer in South Dakota (Water Rights, 2011a). Eight of these observation wells are in the Black Hills area. Water Rights Observation Well MD-99A is located approximately 2.8 miles northwest of the well site proposed by this application, and Observation Well PE-95E is located approximately 5.35 miles south-southeast of the of the proposed well site. Hydrographs of the observation wells are shown in figures 2 and 3.

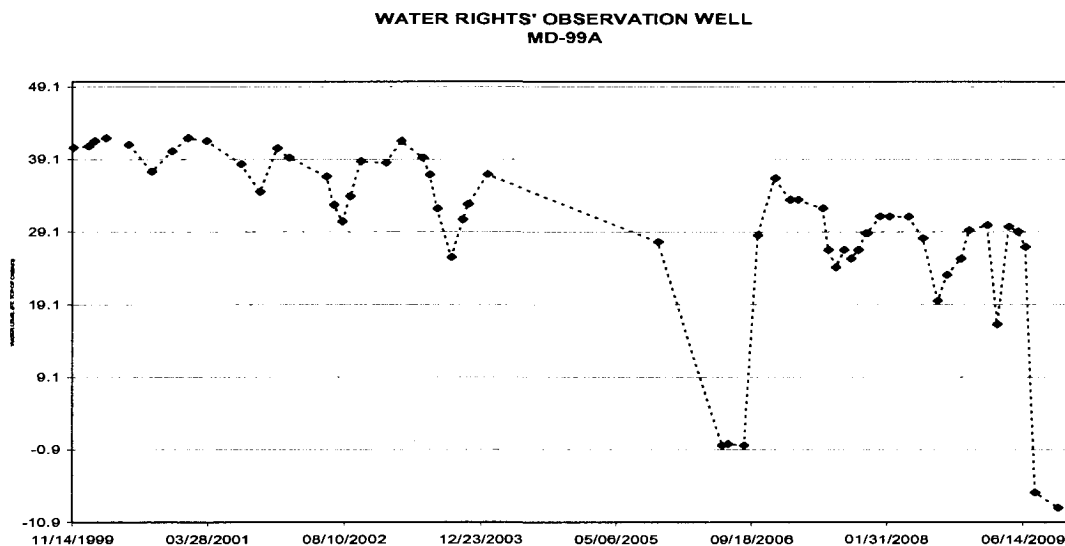


Figure 2. Hydrograph of Water Rights' Observation Well MD-99A, which is completed into the Inyan Kara aquifer approximately 2.8 miles northwest of the well site proposed by Application No. 1920-1

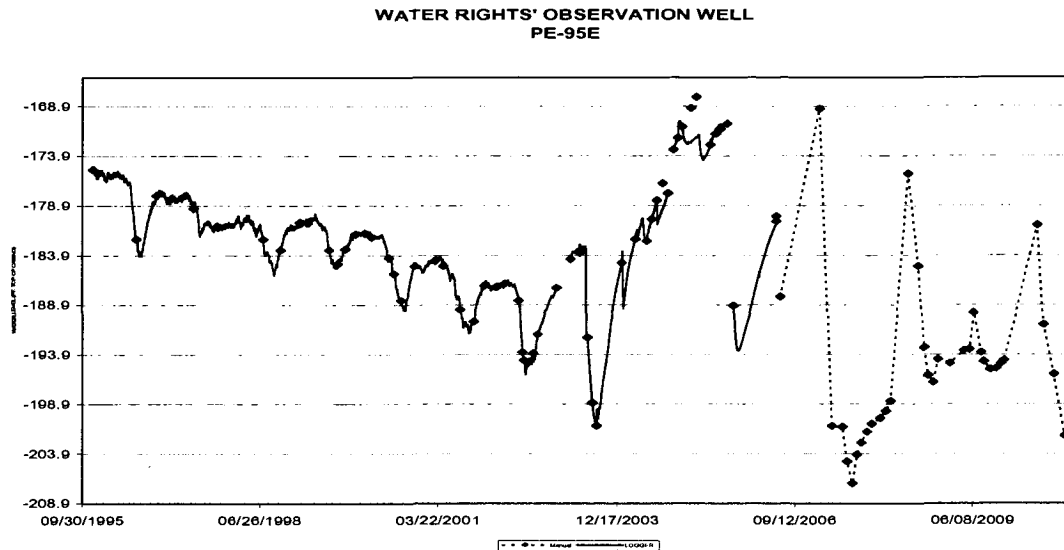


Figure 3. Hydrograph of Water Rights' Observation Well MD-95E, which is completed into the Inyan Kara aquifer approximately 5.35 miles south-southeast of the well site proposed by Application No. 1920-1

The period of record for MD-99A has been truncated due to recent problems with the well. Hopefully, the well will be repaired in the near future and water level measurements can resume. At this time, an explanation is not available for the shape of the hydrograph for PE-95E. In general, the hydrographs show the aquifer is recharged and recovers from pumping.

REVIEW OF EXISTING WATER RIGHTS/PERMITS

There are 14 Water Rights/Permits appropriating water from the Inyan Kara aquifer within approximately three and one-half miles of the well site proposed by this application. They are shown in table one.

PERMIT NO	NAME	STATUS	AQUIFER	USE	CFS
1587-2	WESTON HEIGHTS HOME OWNERS	LC	INKR	SHD	0.11
1597-1	CROOKED OAKS CANYON HOMEOWNERS ASSN	LC	INKR	SHD	0.10
1656-1	LOFTY PINES HOMEOWNERS	LC	INKR	SHD	0.09
1664-1	BUFFALO RIDGE WATER USERS	LC	INKR	SHD	0.10
1700-1	ELK CREEK 7 WATER ASSOCIATION	LC	INKR	SHD	0.11
1793-1	KASKI HOMES INC	LC	INKR	SHD	0.17
1794-1	VITA ROYAL PRODUCTS INC	LC	INKR	COM	0.04
1796-1	DENNIS OR ANN BECKHAM	LC	INKR	SHD	0.10
1812-1	RDT WATER ASSOCIATION LLC	LC	INKR	SHD	0.08
1826-1	GOLDEN VALLEY WATER COMPANY LLC	LC	INKR	SHD	0.27
1846-1	DENNIS OR ANN BECKHAM	LC	INKR	SHD	0.10
1656-1	LOFTY PINES HOMEOWNERS	LC	INKR	SHD	0.09
1837-1	GUY MANN	PE	INKR	SHD	0.44
1876-1	ELK CREEK 7 WATER ASSOCIATION	PE	INKR	SHD	0.08
LC= Water License; PE= Water Permit; SHD= suburban housing development; COM= commercial					

Table 1. Water Rights/Permits appropriating water from the Inyan Kara aquifer within approximately three and one-half miles of 1920-1

The existing appropriation nearest to this proposed irrigation is Water Right, No. 1794-1, uses a well located about 1 mile northeast of the well site proposed by Application No. 1920-1. The completion report for the well that supplies Water Right No. 1794-1 identifies the top of the Inyan Kara aquifer at 793 feet below grade, and indicates the well had a static water level of 30 feet below grade in 2003 (i.e. in excess of 763 feet of artesian head pressure).

Since the aquifer is under confined conditions, the artesian pressure of the aquifer is subject to fairly significant fluctuations due to pumping (see figures 2 & 3). Drawdown from pumping a well completed into the Inyan Kara aquifer may extend over a fairly large area. At this time, it is not practical to attempt to quantify the specific affect withdrawals from this well may have on area wells since aquifer characteristics have not been determined for this area.

promulgated pursuant to SDCL 46-6-6.1. These rules provide for the regulation of large capacity wells to the degree necessary to maintain an adequate depth of water for a prior appropriator in wells that have the ability to produce water **independent of artesian pressure**. Simply put, the pump placement in a prior appropriator's well is not necessarily protected.

If the water levels in the Inyan Kara aquifer were to decline, owners of existing wells bear the responsibility of lowering the pump inlet in the well to the top of the aquifer, if necessary. Increased lift would decrease the pump discharge; or require a larger pump or a different type of a pump to maintain the same output.

An increase in operating expenses that may result from interference between wells is not necessarily an adverse impact. The Water Management Board considered this situation in the matter of Water Permit Application 2313-2, Coca-Cola Bottling Company of the Black Hills (Water Rights, 1995). The Board adopted findings of fact and conclusions of law that basically state that if the increased cost or decreased production is considered an adverse impact, it could be in conflict with SDCL 46-1-4, which requires South Dakota's water resources to be put to beneficial use to the fullest extent of which they are capable.

Given the distance this proposed well site is from existing Inyan Kara aquifer wells supplying water rights/permits, and the relatively insignificant drawdown expected at the pumping well, interference is not expected to be adverse.

CONCLUSIONS:

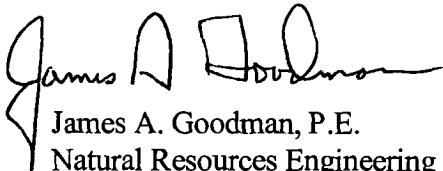
1. The Inyan Kara is a viable aquifer in this area and there is a reasonable probability that unappropriated water is available for this proposed appropriation.
2. Well interference is not expected to be significant and will not adversely impact existing users.



Ken Buhler

Natural Resources Engineering Specialist

approved by



James A. Goodman, P.E.

Natural Resources Engineering Director

REFERENCES:

- Allen, J.C., Iles, D.L., and Petres, A.K., 1985, Analysis of Groundwater and Streamflow Data, Western Dakotas Region of South Dakota, Tasks 3A.B.C. and 4A.B: Groundwater Resources Inventory: US Army Corps of Engineers Contract DAWC 45-82-C-0151, SD DENR- Geological Survey, Vermillion SD
- Bredehoeft, J.D., Neuzil, C.E. and Milly, P.C.D., 1983, Regional Flow in the Dakota Aquifer: A Study of the Role of confining Layers: U.S. Geological Survey Water-Supply Paper 2237, 45 p.
- Carter, J.M., and Redden, J.A, 1999, Altitude of the top of the Inyan Kara Group in the Black Hills Area, South Dakota: U.S. Geological Survey Hydrologic Investigations Atlas HA-744-A, 2 sheets, scale 1:100,000
- Driscoll, D.G., Carter, J.M., Williamson, J.E., and Putnam, L.D., 2002, Hydrology of the Black Hills Area, South Dakota: U.S. Geological Survey Water-Resources Investigations Report 02-4094, 150 p.
- Gries, J.P., 1981, unpublished maps prepared for the Office of Drinking Water, South Dakota Dept. of Water and Natural Resources for the Underground Injection Control Program.
- Hedges, L.S., Burch, S.L., Iles, D.L., Barari, R.A., and Schoon, R.A., 1982, Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota and Iowa, Task 1: Bedrock Topography and Distribution, Task 2: Extent of Aquifers, Task 3: Ground-Water Storage, Task 4: Computerized Data Base, prepared for U.S. Army Corps of Engineers, contract DACW 45-80-C-0185
- Strobel, M.L., Galloway, J.M., Hamade, G.R., and Jarrell, G.J., 2000, Potentiometric surface of the Inyan Kara aquifer in the Black Hills are, South Dakota: U.S. Geological Survey hydrologic Investigations Atlas HA-745-A, 2 sheets, scale 1:100,000
- Strobel, M.L., Jarrell, G.J., Sawyer, J.F., Schleicher, J.R., and Fahrenhach, M.D., 1999, Distribution of hydrologic units in the Black Hills area, South Dakota: U.S. Geological Survey Hydrologic Investigations Atlas HA-743, 3 sheets, scale 1:100,000
- Merewether, E.A., 1975, Mesozoic Rocks: Mineral and Water Resources of South Dakota, Committee on Interior and Insular Affairs, United States Senate pg. 41
- Water Rights, 2011a, Observation Well Files, SD DENR-Water Rights Program, Joe Foss Bldg, Pierre, SD
- Water Rights, 2011b, Water Right/Permit Files, SD DENR-Water Rights Program, Joe Foss Bldg, Pierre, SD
- Water Rights, 2011c, Water Well Completion Reports, SD DENR-Water Rights Program, Joe Foss Bldg, Pierre, SD

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MAR 24 2011

WATER RIGHTS
PROGRAM

AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA
COUNTY OF MEADE

Pam Buhler, being duly sworn, says: That the Meade County Times Tribune is during all times hereinafter mentioned, is a legal newspaper as defined in SDCL as amended, published in Sturgis, Meade County, South Dakota, by Lee Enterpriss. This affidavit is and during all of said times, is employed as an Office Manager by the publisher of such newspaper and has personal knowledge of the facts stated in this affidavit, that the notice, order or advertisement, a printed copy which is attached and published in said newspaper for successive issues, bearing the following dates:

<u>March 16</u>	201	<u>1</u>	201
<u>March 23</u>	201	<u>1</u>	201
	201		201
	201		201
	201		201

that the full amount of the fee charged for publishing the same, to-wit, the sum of \$ 39.60, insures solely to the benefit of the publisher of said newspaper; that no agreement or understanding for the division of the fee has been made with any person and that no part of the fee has been agreed to be paid to any other person.

Pam Buhler

Subscribed and sworn to before me this

20th day of March 2011
Lana M. Lewis

Notary Public, South Dakota

My Comm. Expires: **My Commission Expires**
February 1, 2017



Account No. # 20561013

Total Amount \$ 39.60

NO. 1920-1 to Appropriate Water

Notice is given that Elk Valley Ranchettes Homeowners Association, c/o William Rose, 1295 Husker Place, Rapid City SD 57701 has filed an application for a water permit to appropriate 0.10 cubic feet of water per second from one well to be completed into the Inyan Kara Aquifer (approximately 950 feet deep) located in NW 1/4 SW 1/4 Section 23-T3N-R7E for use in a suburban housing development.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 1920-1 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 this 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 this 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 April 4, 2011.

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.

/s/ Steven M. Pirner, Secretary, Department of Environment and Natural Resources.

Published twice at the total approximate cost of \$39.60.

Published Wed., March 16 and Wed., March 23, 2011
Meade County Times Tribune



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

March 9, 2011

Meade County Times-Tribune
1022 Main St
Sturgis SD 57785

ATTENTION: Legal Public Notice

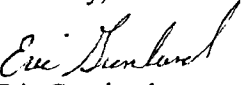
Enclosed is a Notice on Application No. 1920-1 to Appropriate Water to be published twice. Please publish the first notice on March 16, 2011 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

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 Elk Valley Ranchettes Homeowners Assn., c/o Bill Rose, 1295 Husker Place, Rapid City SD 57701 (Ph # 605-787-4934).

Please send the Water Rights Program the first publication immediately. The publication is checked for accuracy so any corrections can be made in the second publication. You may use the form below or fax a copy of the first publication. Any fax should be sent to the attention of Karen Schlaak at (605) 773-4068. Publication errors can invalidate the public notice.

After the second publication, **please send us an affidavit or use the enclosed Proof of Publication form.** The applicant pays the cost of publication, but the Water Rights Program records require an affidavit or Proof of Publication. Delays in receiving the affidavit can be costly to the applicant.

Sincerely,


Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

-----CUT HERE-----

No. 1920-1

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

Date _____

We are in receipt of your letter of March 9, 2011 enclosing Notice to Appropriate Water by Application No. 1920-1 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

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

March 9, 2011

Elk Valley Ranchettes Homeowners Assn
Bill Rose
1295 Husker Place
Rapid City SD 57701

Dear Mr. Rose:

Water Permit Application No. 1920-1 for suburban housing use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Publisher of the Meade County Times-Tribune printed at Sturgis SD (Ph # 605-347-2503). You will need to contact the newspaper and authorize publication of this notice. For your information, a copy of the notice, the recommendation of the Chief Engineer and report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your Notice and to arrange for payment. Early contact with the paper can eliminate delays. Upon receiving authorization, the publisher has been instructed to publish your notice once each week for two consecutive weeks. The newspaper has also been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,


Eric Gronlund
Natural Resources Engineer
(605) 773-3352
eric.gronlund@state.sd.us

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendation, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the application.

Instruction to Newspaper - Publish first Notice on March 16, 2011 with the second publication 7 days later. The applicant is responsible for payment. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352 or email: Karen.schlaak@state.sd.us.

NOTICE OF APPLICATION NO. 1920-1 to Appropriate Water

Notice is given that Elk Valley Ranchettes Homeowners Association, c/o William Rose, 1295 Husker Place, Rapid City SD 57701 has filed an application for a water permit to appropriate 0.10 cubic feet of water per second from one well to be completed into the Inyan Kara Aquifer (approximately 950 feet deep) located in NW ¼ SW ¼ Section 23-T3N-R7E for use in a suburban housing development.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 1920-1 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 this 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 this 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 April 4, 2011.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.

Published twice at the total approximate cost of _____.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

APR 26 2011

Elk Valley Ranchettes Homeowners Association
William Rose
1295 Husker Place
Rapid City SD 57701

Dear Mr. Rose:

Enclosed is Water Permit No. 1920-1 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

1920-1

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec 23 Twp 3N Rg 7E
 County Meade

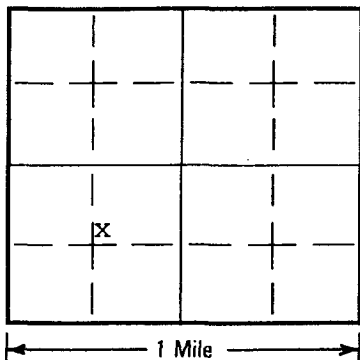
Please mark well location with an "X"

W

E

Well-Completion Date

July 21, 2011



LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 400 ft. from Septic (identify source).

PROPOSED USE: ☒ U.H.D.

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

METHOD OF DRILLING:

Rotary - Mud

CASING DATA: ☒ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
40 LB/FT	9 5/8 IN	0 FT	44 FT	13 1/2 IN
23 LB/FT	7 IN	+2 FT	970 FT	8 3/4 IN
Open Hole		970 FT	988 FT	8 3/4 IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
Portland	28	14 lb./gal	0 ft	44 ft
Portland	250	14 lb./gal	0 ft	970 ft

Describe grouting procedure Pressure grouted through casingSCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet to _____ Feet

Other information _____

WAS A PACKER OR SEAL USED? ☐ YES ☒ NO

If so, what material? _____

Describe packer(s) and location? _____

DISINFECTION: Was well disinfected upon completion?

☒ YES, How: Chlorine Solution☒ NO, Why Not? Pump not installed

Laboratory sent to for water quality analysis → _____

Well Owner: Elk Valley RanchettesBusiness Name: Home Owners AssociationAddress: 2000 Peterson Road.Rapid City, SD 57701

WELL LOG:

DEPTH

FORMATION	FROM	TO
Brown & Tan Clay Some Gravel	0	32
Black Shale	32	417
New Castle	417	467
Skull Creek	467	710
Inyan Kara	710	988

STATIC WATER LEVEL 145 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped Describe: Air Developed☐ Bailed _____☒ Other _____

Pumping Level Below Land Surface

988 ft. After 2 1/2 Hrs. pumped 250 GPM500 ft. After 1 Hrs. pumped 150 GPMIf pump installed, pump rate 300ft 1/2 hr 75gpm GPM

REMARKS

Water permit number 1920-1This well was drilled under license # 331

And this report is true and accurate.

Drilling firm Taylor Drilling Co.Signature of License Representative: K Tyl

Signature of Well Owner or Equitable Property Holder: _____

Date: August 25, 2011

RECEIVED
 AUG 26 2011
 WATER RIGHTS
 PROGRAM

Report of Examination of Works and/or Application of Water to Beneficial Use For Permit No. 1920-1

I have this day, August 10, 2016, made a thorough examination of the water use system constructed by Elk Valley Ranchettes Homeowners Association, 1295 Husker Place, Rapid City, SD 57701 of Permit No. 1920-1, bearing the priority of 1/24/2011 authorizing the diversion of 0.1 cu. ft. per second of the water from one well for suburban housing purposes, in Meade County.

Inspection contact & relationship to permit holder, if applicable: **William Rose, President**
605-787-4934

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: Taylor Drilling (2011)
- 2) No. of Wells 1
- 3) Depth(s) 988 feet
- 4) Well log is available Yes

Casing:

- 1) Diameter 7" +2 to 970 ft.
- 2) Length 972 feet
- 3) Type Steel

Screen:

- 1) Type N/A
- 2) Length -- feet
- 3) Static water level 145 feet

Pump:

- 1) Make Grundfos
- 2) Model 40S75-21
- 3) Size 4" pump end, 6" motor
- 4) Capacity 45 GPM
- 5) Horsepower rating 7 1/2 hp

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

A pvc pipe delivers water from the well and pump house to a 42,000 gallon above ground steel storage tank located 350 ft. west of the well. Water usage is metered at the pump house and the total metered volume is recorded on a regular basis.

C. Works used to apply water to beneficial use:

Water gravity feeds from the storage tank to the users through a pvc distribution system.

The system currently serves 26 homes and that number could increase in future years with the possibility of acreages being subdivided. Many of the acreages are utilized for grazing of horses. Individual water use is not metered.

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by : yes

Water use is reported annually. The old existing well located in the SW ¼ NW ¼ Section 23 T3N R7E was plugged and a report dated 2/1/13 is on file with DENR.

- 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:

1,417' N and 1,348' E of the SW corner Section 23 T3N R7E (44.202475, -103.246653)

2. The works are capable of diverting and conveying to the place of use 0.1 cu. ft. per second (45 gpm) of water which is to be used for **suburban housing** use and the license should be issued for 0.1 cfs.

3. All structures, wells and lands on map – yes

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

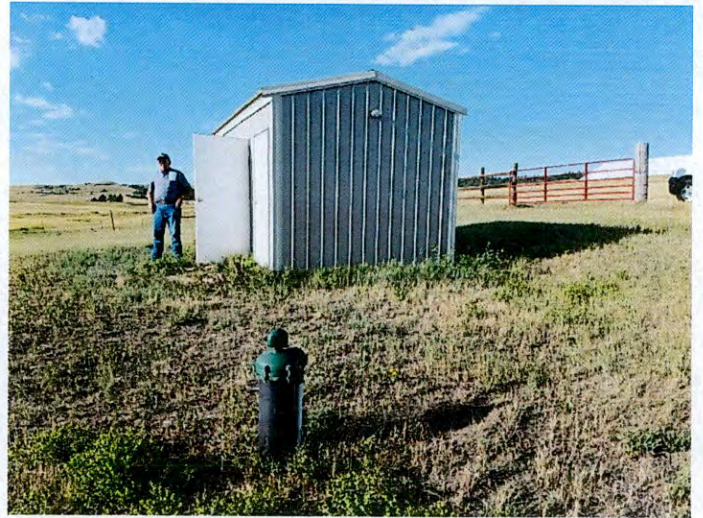


Steven Quissell
Water Rights Inspector
DENR, Water Rights Program

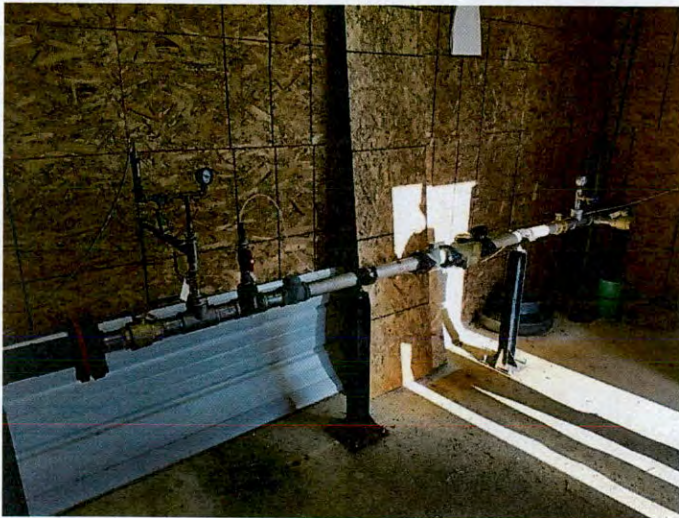
Date report completed: 8/10/2016



well in foreground with storage tank on horizon

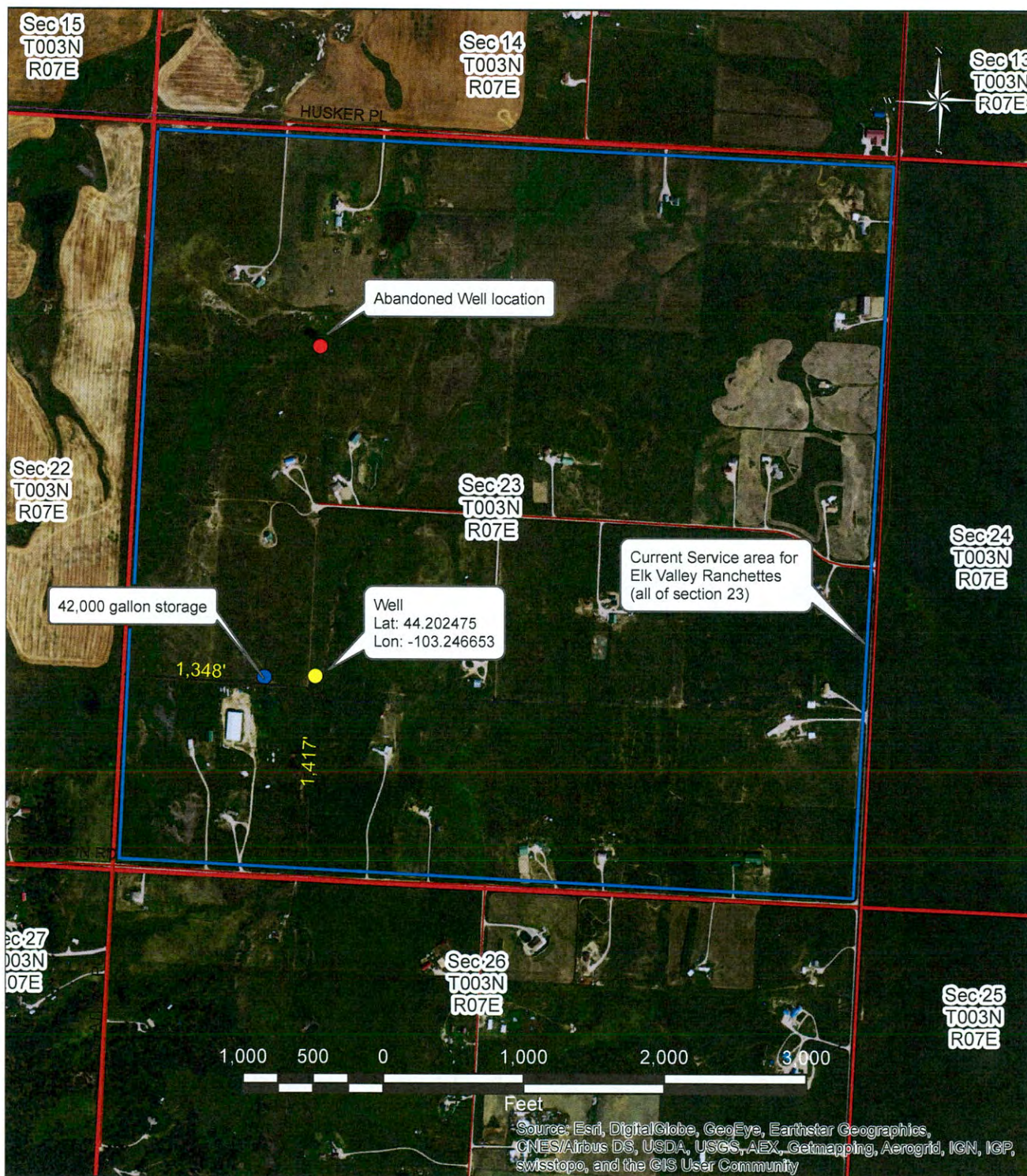


well and pump house



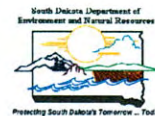
Pump house appurtenances

Water Right #1920-1
Elk Valley Ranchettes HOA
8/10/2016



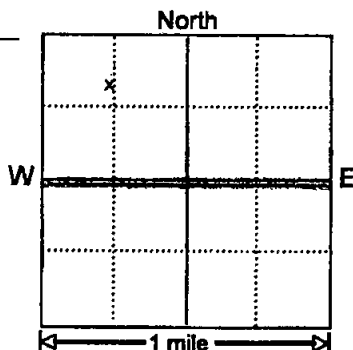
Steven Quissell

Steven Quissell
Water Rights Inspector
DENR Water Rights Program



SOUTH DAKOTA WELL AND TEST HOLE PLUGGING REPORT 11-02Location NW 1/4 NW 1/4 Sec 23 Twp 3N Rg 7E

Well Owner:

County PenningtonPlease mark well
location with an "X"Name: Elk Valley Ranchettes Home Owners AssoAddress: 2000 Peterson Rd.City, State, Zip: Rapid City SD 57701

Comments:

Plugging Completion Date April 1, 2012**CHECK APPROPRIATE BOX**

EXISTING WELL ☒	TEST HOLE ☐
Well depth <u>Approx 1000 ft</u>	Hole depth _____
Casing material <u>Steel</u>	Hole size _____
Casing size(s) <u>5 1/2, 4 1/2</u>	
Casing condition <u>Fair</u>	

Describe plugging procedure:

Pumped cement grout through 1 1/2" trimmy pipe from 945 ft back to surface in 3 lifts.

Describe grout or plugging material:

70 sacks neat cement grout at 14 lb/gal

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PROGRAM**

Type of non-slip plug: _____

This well or test hole was plugged under license # 331 and this report is true and accurate.Drilling firm: Taylor Drilling Co.Signature of Licensed Representative: KTR

Signature of Well Owner: _____

Date: _____

Approval of Location Change and/or Additional Diversion Point

NAME: Elk Valley Ranchettes Homeowners Association

ADDRESS: 1295 Husker Place, Rapid City, SD 57701

DATE: August 15, 2016 **COUNTY:** Meade **TELEPHONE:** (605) 787-4934

AUTHORITY:

Pursuant to SDCL 46-5-13.1, the location of a diversion point may be changed or additional diversion points may be licensed provided the following conditions are met and the potential for interference with other existing diversions is not increased:

- **Developed water source same as permitted source and no additional water appropriated**

Yes – Inyan Kara Aquifer

Permit No. 1920-1 authorizes a diversion point located in the NW¼ SW¼ Section 23-T003N-R07E, the diversion point was developed in the NE¼ SW¼ Section 23-T003N-R07E.

- **If irrigation, no new land is irrigated**

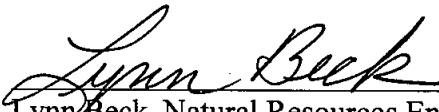
N/A

- **Review of Existing Diversions**

The nearest diversion from the Inyan Kara aquifer is LC 1794-1 authorizing 0.035 cfs for commercial use. The diversion point is one mile to the northeast of the diversion point developed under 1920-1.

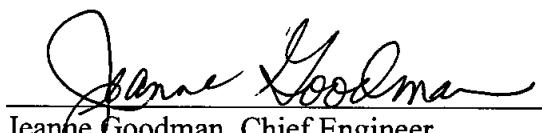
RECOMMENDED ACTION

Based on the above criteria, it is recommended that the diversion point be licensed as developed.


Lynn Beck, Natural Resources Engineer III
Water Rights Program

The Chief Engineer makes a finding pursuant SDCL 46-5-13.1 and ARSD 74:02:01:14.01 that:

This change in location and/or additional diversion point(s) does not increase the potential for adverse effects to existing diversions.


Jeanne Goodman, Chief Engineer
Water Rights Program



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

denr.sd.gov

OCT 24 2016

1920-1

Elk Valley Homeowners Assn
William Rose, President
1295 Husker Place
Rapid City SD 57701

Dear Mr. Rose:

Enclosed is Water License No. 1920-1. This is the final water right document completing your 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 the owner of an existing well, such as the well authorized by Water Right No. 1920-1, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

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

Sincerely,

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

enclosures

STATE OF SOUTH DAKOTA
WATER LICENSE NO. 1920-1

(1) Elk Valley Ranchettes Homeowners Association, c/o William Rose, President, 1295 Husker Place, Rapid City SD 57701 made Application No. 1920-1, January 24, 2011 for a water permit to divert 0.1 cubic feet of water per second from one well – Inyan Kara Aquifer, Meade County, South Dakota for suburban housing development purposes. Permit No. 1920-1, with a priority date of January 24, 2011 was approved April 4, 2011 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before April 4, 2016 and for the application to beneficial use of water on or before April 4, 2020.

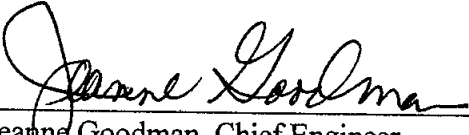
An investigation conducted for licensing purposes found the well under Water Permit No. 1920-1 was not in the location authorized by the permit. Pursuant to SDCL 46-5-13.1, the Chief Engineer makes a finding that the change in location of diversion point does not increase the potential for interference with existing water rights.

(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. 1920-1 is issued a license, bearing a priority date of January 24, 2011 to appropriate 0.1 cubic feet of water per second from one well-Inyan Kara Aquifer for suburban housing development purposes.

The diversion point is located: 1,417 feet N and 1,348 feet E of the SW corner of Section 23-T3N-R7E (NE 1/4 SW 1/4).

(3) This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Permit No. 1920-1 including the following 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 authorized by Permit No. 1920-1 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28. *The well was drilled by Taylor Drilling in July, 2011. A copy of the log is on file with the Water Rights Program.*
- The existing well located in the SW ¼ NW ¼ Section 23, T3N, R7E shall be plugged in accordance with Water Management Board Rules, Chapter 74:02:04. *The plugging report was filed by Taylor Drilling in February, 2013.*
- Elk Valley Ranchettes Homeowners Association shall report to the Chief Engineer annually the amount of water withdrawn from the Inyan Kara Aquifer. *Water use reports are submitted annually and on file with the Water Rights Program.*


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

OCT 24 2016
date



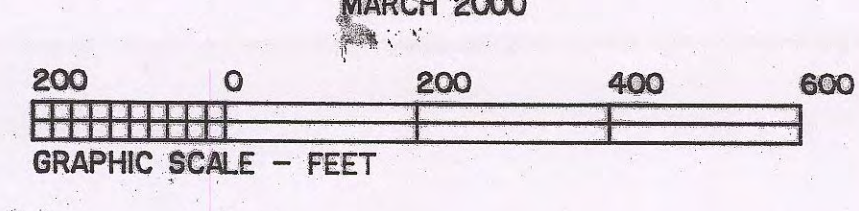
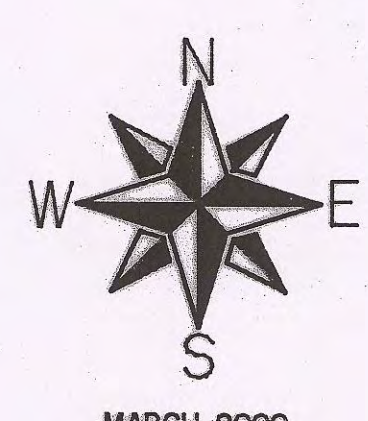
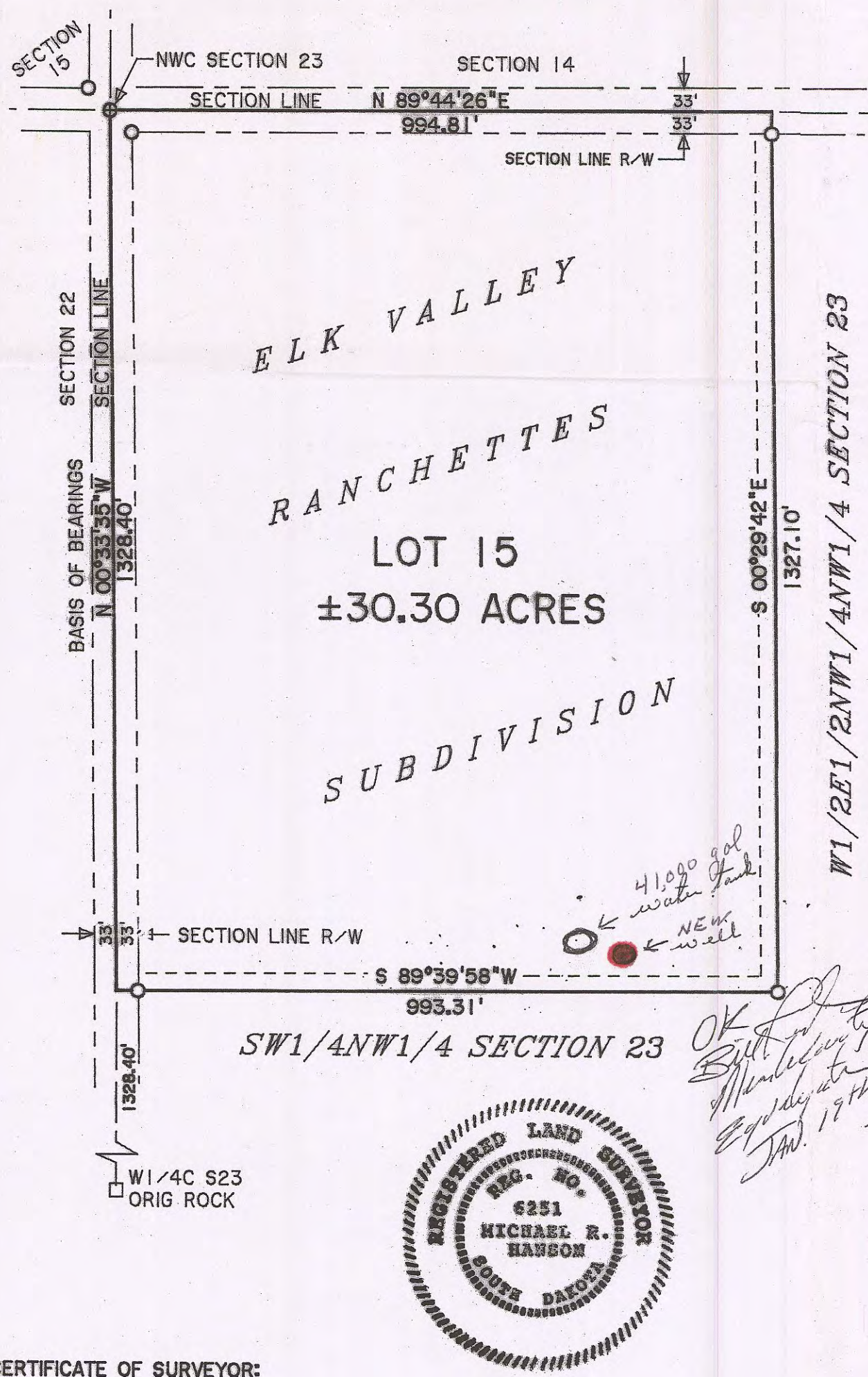
1920-1

RECEIVED
JAN 24 2011
WATER RIGHTS
PROGRAM

DRAWING NUMBER
Plat Book 20
Page 230
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 075AR
POSITION EDGE OF PRINT ON THIS LINE

DRAWING NUMBER
4.15 Elk Valley
Ranchettes Subd.
23-3-7
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 075AR
POSITION EDGE OF PRINT ON THIS LINE

ELK VALLEY RANCHETTES SUBDIVISION
PLAT OF LOT 15 ELK VALLEY RANCHETTES SUBDIVISION LOCATED IN
W1/2NW1/4NW1/4 and W1/2E1/2NW1/4NW1/4 SECTION 23,
T3N, R7E, BHM, MEADE COUNTY, SOUTH DAKOTA.



- ⊕ FD CAP #1019 SECTION CORNER
- SET 5/8\"/>

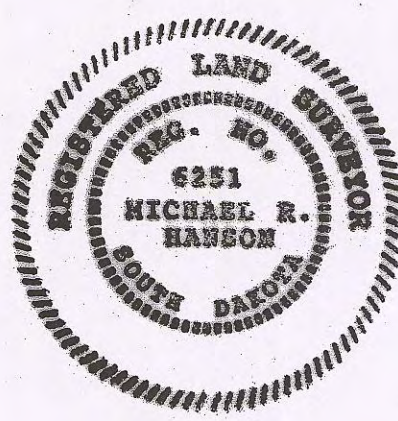
NOTE: WHERE PROPERTY CORNER IS ON SECTION LINE, MONUMENT IS OFFSET 33' AT SECTION LINE RIGHT-OF-WAY.

NOTE: 10' UTILITY EASEMENT EXISTS ON THE INTERIOR SIDE OF ALL LOT LINES.

----- DENOTES BUILDING ENVELOPE 25' SETBACK FROM PROPERTY LINE

PLAT PREPARED BY:
MICHAEL R. HANSON
832 HORACE MANN DR
RAPID CITY, SD 57701
605-388-9652

OK
Brought to Planning
Meeting by
Epidemiologist
Jan. 19th, 2011



CERTIFICATE OF SURVEYOR:

I, Michael Hanson, Registered South Dakota Land Surveyor No. 6251 do hereby certify that being so authorized that I did and/or oversee the platting and surveying work on the plat; that the above shown is a true representation of recorded and field data completed for the survey; and that all area amounts shall be followed with the words "more or less".

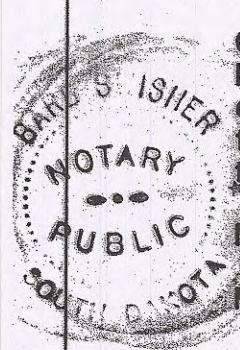
SURVEYOR: Michael R. Hanson DATE 3/3/00

CERTIFICATE OF CONTRACT OWNERSHIP:

State of South Dakota
County of Meade s.s.
We, David K. Dobias and Paulette J. Dobias, do hereby certify that we are the owners of the land shown and described hereon; that the survey and plat was done with our approval; and that the development of this land shall conform to all existing applicable zoning, subdivision, and sediment control regulations.

In witness where of, I set my hands.
OWNERS: David K. Dobias DATE 3-6-00
Paulette J. Dobias DATE 3-6-00
PAULETTE J. DOBIAS

On the 6 day of March, 2000,
before me, a Notary Public, personally appeared David K. Dobias and Paulette J. Dobias, known to me to be the persons described in the foregoing instrument and acknowledged to me that they signed the same.
NOTARY PUBLIC: Barb Swisher DATE 3-6-00
MY COMMISSION EXPIRES: 10-10-2004

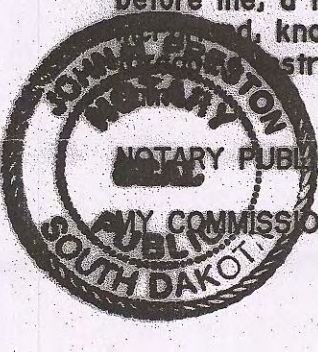


CERTIFICATE OF OWNERSHIP:

State of South Dakota
County of Meade s.s.
I, Gregor B. McFarland, President of Elk Valley Development Corporation, do hereby certify that Elk Valley Development Corporation is the owner of the land shown and described hereon; that the survey and plat was done with our approval; and that the development of this land shall conform to all existing applicable zoning, subdivision, and sediment control regulations.

In witness where of, I set my hands.
OWNERS: Gregor B. McFarland DATE 3-16-00
GREGOR B. MCFARLAND, PRESIDENT ELK VALLEY DEVELOPMENT CORP.

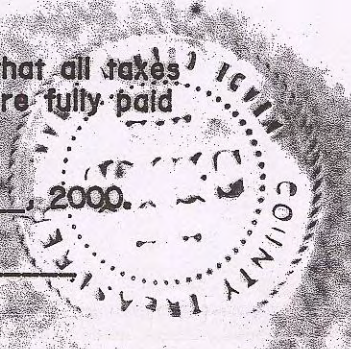
On the 16 day of March, 2000,
before me, a Notary Public, personally appeared Gregor B. McFarland, known to me to be the person described in the foregoing instrument and acknowledged to me that he signed the instrument.
NOTARY PUBLIC: John A. [Signature] DATE 3/16/00
MY COMMISSION EXPIRES: 9/27/05



CERTIFICATE OF TREASURER:

I, Treasurer of Meade County, do hereby certify that all taxes which are liens upon the within described lands are fully paid according to the records of my office.

Dated this 20 day of March, 2000.
Barb Swisher
Treasurer of Meade County



CERTIFICATE OF DIRECTOR OF EQUALIZATION:

I, Director of Equalization of Meade County, do hereby certify that I have on record in my office a copy of the within described plat.

DIRECTOR OF EQUALIZATION: Kirk J. Chaffee
Dated this 20 day of MARCH, 2000.

APPROVED: Kirk J. Chaffee
DATE: 3-20-00

CERTIFICATE OF STREET AUTHORITY:

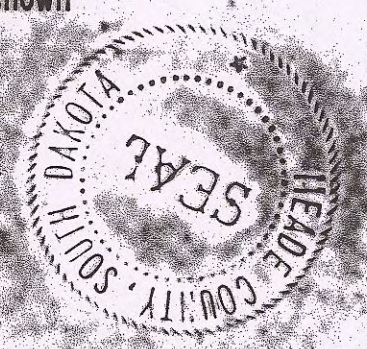
The location of the access road abutting the County or State Highway or the City Street as shown hereon is hereby approved. Any change in the location of the proposed access road shall require additional approval.

Dated this 2 day of May, 2000.
Barb Swisher
Highway Authority

RESOLUTION OF GOVERNING BOARD:

I, Auditor of Meade County, do hereby certify that at an official meeting held on the 3 day of May, 2000 the County Commissioners, by resolution, did approve the plat shown hereon.

Dated this 3 day of May, 2000.
Kirk J. Chaffee
Meade County Auditor



STATE OF SOUTH DAKOTA Doc# 01474
COUNTY OF MEADE

Filed for record this day of 3rd May A.D., 2000 at 3 o'clock and 58 minutes p.m.

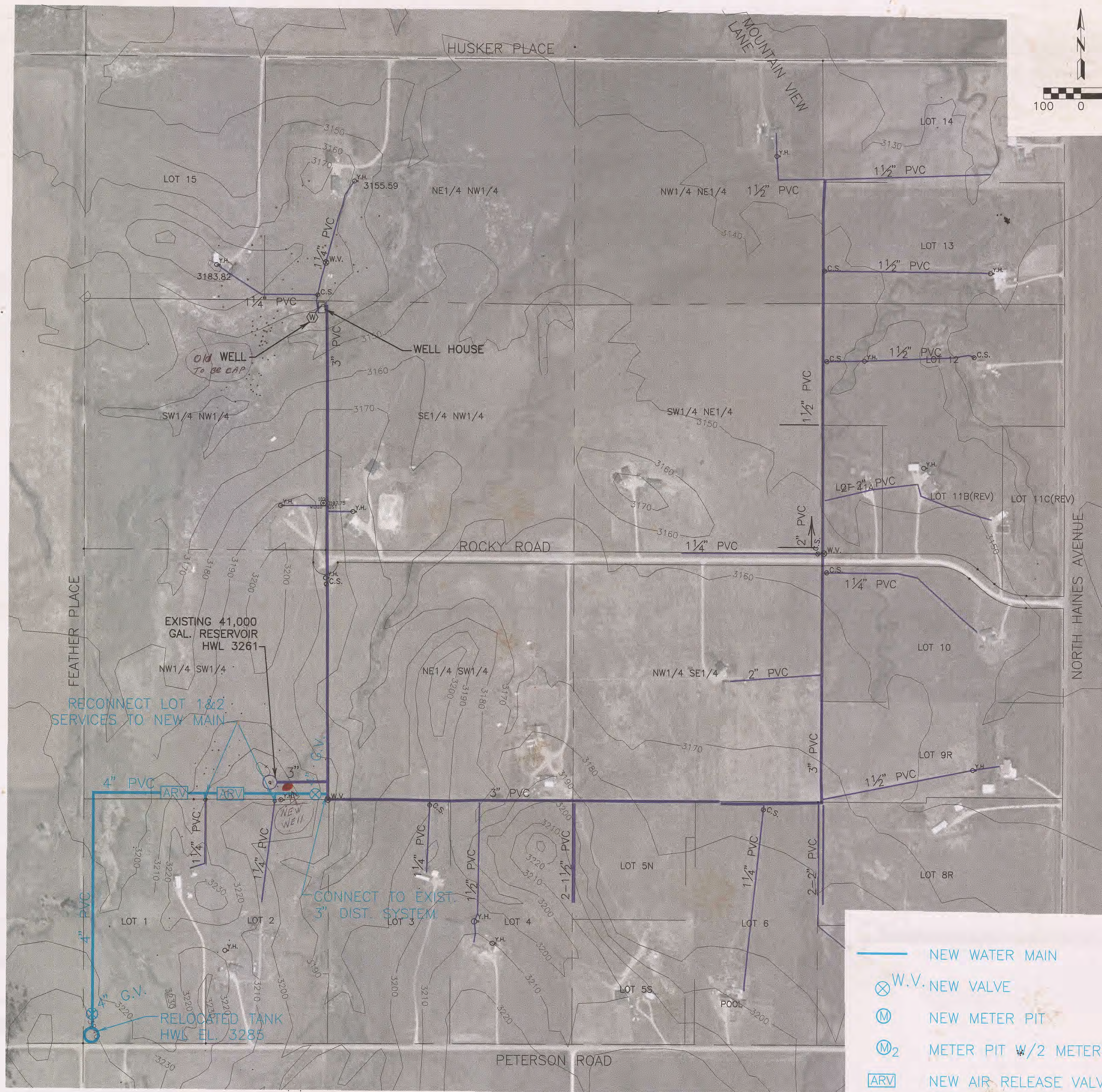
and recorded in Book 20 of plats, on page 230.
Angela M. Ross
Meade County Register of Deeds



Fee \$10.00 cash

Approved By
MEADE COUNTY PLANNING BOARD
David [Signature] by Kirk J. Chaffee
chairman
On this 20 day of March, 2000

002997 MAY -00



- NEW WATER MAIN
- ⊗ W.V. NEW VALVE
- Ⓜ NEW METER PIT
- Ⓜ₂ METER PIT W/2 METERS
- ARV NEW AIR RELEASE VALVE

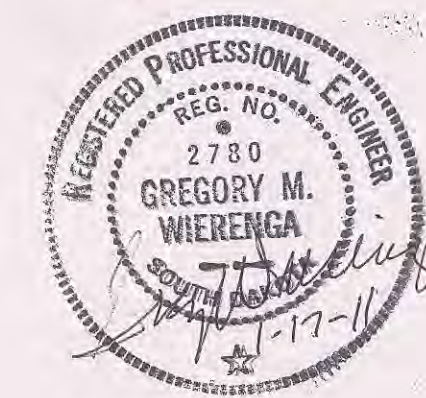


FIGURE B-3
ELK VALLEY RANCHETTES
SUBDIVISION AND WATER SYSTEM LA