

WATER PERMIT NO. 2414-2

Name of Applicant: Signature Development Co., Inc.

Address: 2843 Samco Rd, Unit F, Rapid City SD 57702

Phone: 605 348-0542

Amount of Water Claimed: 0.111 cfs (50 gpm)

Total Acres: NA

Source of Water Supply: groundwater

Water to be used for: suburban housing development

County: Pennington

Type of Waste Disposal System: septic tank

Location: approximately 5 miles south of Rapid City

PRIORITY

Date Received: 10-6-1998

Fee: \$150

Corrected Application Received:

Period of Annual Use: January 1-December 31

Remarks: For a development to be known as The Ranch at Black Gap

Diversion Point: SW ¼ SW ¼

Sec 9-T1S-R8E

Land to be Irrigated: NA

Depth of Well: 950 feet

Well Driller:

Remarks:

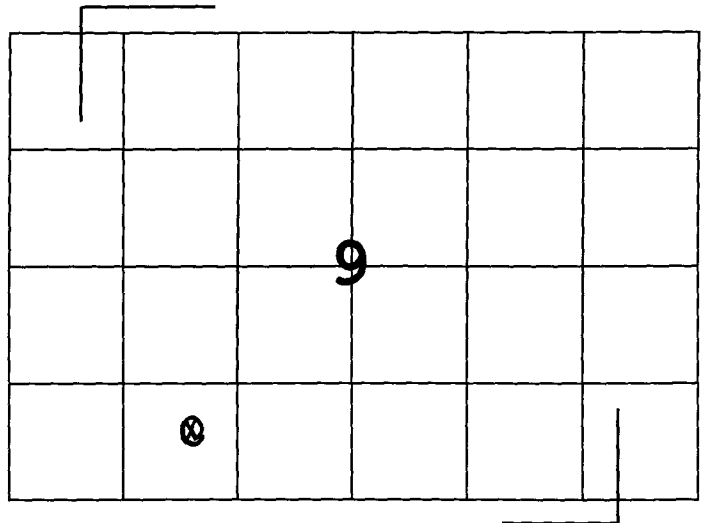
Type of Map: plat

Prepared by: Douglas Sperlich, PE

Reviewed and the Number Assigned on: 10-6-1998

By: Karen Schlaak

Notice of Hearing - date to intervene: _____



**SOUTH DAKOTA
WATER PERMIT NO. 2414-2**

Date of first receipt of application October 6, 1998.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 2414-2 to Signature Development Co. Inc., c/o Jeffrey Lage, 2843 Samco Rd, Unit F, Rapid City SD 57702 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. 2414-2 appropriates 0.111 cubic feet of water per second (50 gallons per minute) from one well (Inyan Kara Formation) approximately 950 feet deep located in the SW ¼ SW ¼ Section 9-T1S-R8E.
2. The water appropriated shall be used for the purpose of supplying water to a 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. 2414-2 is January 4, 1999.
5. The date from which applicant may claim right is October 6, 1998.
6. One-fifth of the construction is to be completed on or before July 4, 2001.
7. All construction is to be completed on or before January 4, 2004.
8. Water is to be put to beneficial use on or before January 4, 2008.
9. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The 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. 2414-2 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) from the producing formation to the surface pursuant to Section 74:02:04:28.
3. The wastewater disposal systems at the suburban housing development must be constructed in compliance with the requirements of Water Management Board Rules, Chapter 74:53:01, Individual and Small On-Site Wastewater Systems.

WATER MANAGEMENT BOARD

By: John Hatch
John Hatch, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

FEB 22 1999

date



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

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>2414-2</u>	(office use only) Hydrologic Unit <u>10/20/10</u>
	Basin <u>Upper Cheyenne</u>	
	Newspaper <u>Rapid City Journal, Rapid City, SD</u>	



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

Check use(s) of water:

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

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

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

- Name of Applicant Signature Development Co Inc Phone (605) 348-0642
(check one) ☐ Owner ☐ Tenant/lessee
Mailing Address 2843 Samco Rd - Unit F, Rapid City State SD 57702
(Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 0.111 *CFS or ~~450~~ 50 **GPM ***AF
(*Cubic Feet per Second) (**Gallons per Minute) (**Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply Lakota, Inyan Kara
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) 1 Well in SW1/4 SW1/4
Section 9 T1S, R4E, B4M County Pennington
- County or counties where water will be used Pennington
- Annual period during which water is to be used All Year Jan 1 - Dec 31
- Give a description of the project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

See Attached

STATE OF SOUTH DAKOTA)

County of Pennington SS

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

I, Jeffrey Lage, 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 Jeffrey Lage

Subscribed and sworn to before me this 18 day of October 1998

Jeffrey Lage
Notary Public signature

My Commission Aug 25, 2004
expires

Supplemental Information

(type or print in ink)



1. Well Information - Proposed Construction

- a) Drill Hole Diameter 6 3/4" Depth 950 ft
- b) Casing Type Steel Diameter 5 1/2" O.D. Thickness .275"
- c) Screen Type None Diameter Thickness
- d) Gravel Pack None Length of Gravel Pack
- e) Depth to Top of Water Bearing Material 700 ft.
- f) Depth to Water (ground surface to water level) 200 ft
- g) Distance to nearest existing domestic well:

On applicants property None

On property owned by others 1/2 mile +

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) No Sewer within 300 ft of Well
Septic Tank & Drain Field (For Subdivision)
- b) System Capacity (gallons) 1500 Gallon (Tanks) Year Constructed Future
- c) Connected to the City of Sanitary System (Subdivision Has Submitted Septic Info to DENR for Review)

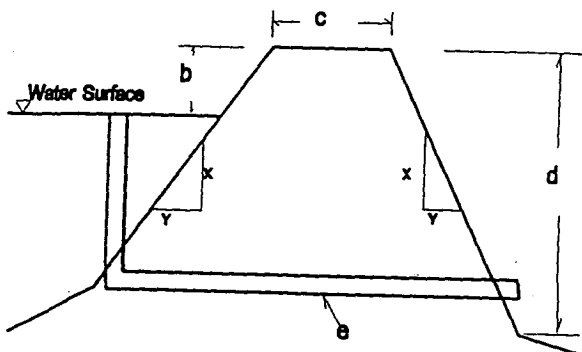
3. Dugout Information

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

4. Water Storage Dams

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

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



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



Signature Development Company, LLC

2843 Samco Road #F
Rapid City, SD 57702
605-348-0542
605-348-1250 FAX

Planned Unit Development Plan
for
**THE RANCH
AT BLACK GAP**

Prepared by
Jennifer Lage Landguth, President
&
Jeff Lage, Vice President
July 13, 1998

EXECUTIVE SUMMARY

The plan that follows is a comprehensive long range plan for the planned unit development known as The Ranch at Black Gap, developed by Signature Development Co., LLC.

The plan details the various amenities that will be featured at The Ranch at Black Gap making it a very desirable neighborhood in which families will live and grow. Because of the attention to layout, detail and amenities, The Ranch at Black Gap will be the first community tourists and others will see as they enter Rapid City and will be viewed as a valuable asset to the larger community of Rapid City as it will set an impression on what else lies within its boundaries.

A company mission statement, background on the principals, a development plan detailing the uses, goals and amenities that will be featured at The Ranch at Black Gap are also included.

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MISSION STATEMENT

The present purpose and continuing goal of Signature Development Company, LLC. is to develop 277 acres of agricultural land, located on the new Heartland Express Highway, into a desirable, well designed planned unit development known as The Ranch at Black Gap. The Ranch at Black Gap is to be a high-quality, successful, single-family and multi-family homesite development providing 152 lots that will also feature 26.7 acres of neighborhood commercial property along with a community center and an extensive system of walking, biking and horse riding trails, a pond and activity center throughout. Signature Development Co., LLC also plans to build high quality single-family residences, townhouse or condos and small commercial projects at The Ranch at Black Gap. Signature Development has defined successful projects as those that are --

- **completed on time**
- **completed within budget**
- **constructed with a predetermined, high level of quality**
- **built while maintaining a pleasant relationship with subcontractors, vendors, government officials and clients based on trust, honesty, and integrity**
- **are recognized as a positive improvement by the community**

COMPANY HISTORY

Signature Development Co., LLC was formed by Jennifer Lage Landguth and Jeff Lage for the primary purpose, but not limited to, the developing of The Ranch at Black Gap.

History

Jennifer Lage Landguth serves as President and Treasurer and has been actively involved in the building business since 1988 with Lage Development Co., Inc. She has a Business Administration degree from USD, is active in the community and has served as the President of the BH Home Builders Association, two terms as President of the SD Home Builders Association and for the past six years has served on the board of the National Assoc. of Home Builders. These positions have given her a broad base knowledge of home building and land development issues. She is a Master Craftsman recipient and has vast experience in estimating, home design, land planning, home decorating, accounting and overall business management. Jennifer continues work with Lage Development, owns a successful downtown retail store, Dakota Interiors, and holds a SD real estate license and is contracted with Rossum and Neal Realtors.

Jeff Lage, who serves as the Vice President and Secretary, joined Lage Development in 1995. Jeff holds a degree in Construction Engineering from NDSU and has worked on multi-million dollar projects such as the Los Angeles Convention Center, the Denver International Airport Passenger Bridge and Concourse "A", Coors Field, as well as other large commercial projects. Since joining Lage Development Jeff has been responsible for the onsite project management of all jobs. Jeff has experience in commercial and residential job estimating and project management. Because of his degree as an engineer, he has vast knowledge of the structural and environmental sides of the construction industry. Jeff has been involved with land development through his work on the opening of Phase III of Westview Estates, as well as experience with CAD design and engineering. Jeff is a multiple time recipient of the Master Craftsman Award, and currently serves as the President of the BH Home Builders Association and is involved in numerous other community events.

Present Structure

Currently Signature Development consists of principals Jennifer Lage Landguth, Jeff Lage and Willard Lage. The key persons responsibilities are outlined as follows:

Owners: Jennifer Lage Landguth (registered agent) President, Treasurer & Jeff Lage Vice President, Secretary

Jennifer and Jeff have a very good working relationship and freely delegate work back and forth on various jobs. They are both very "hands-on" and work and visit job sites daily. Jennifer focuses on sales, business management and financial accounting along with working with the clients on their plans and amenity choices. On the site development of Black Gap, Jennifer first inquired and conceptualized the plans for Black Gap. She will be responsible for sales, marketing, home, community center and commercial building design.

Jeff has the engineering knowledge necessary for design and actual construction. He works closely with subcontractors and suppliers as well as the various engineering firms on development design. He will also estimate jobs and serves as a project manager. On the Black Gap project, Jeff has worked closely on the design and layout, the water and wastewater system, the engineering work as well as with the subcontractors. He will be responsible for the technical side of the project.

Director/Advisor: Willard Lage

The director/advisor's role is to share experience and supervise construction work for The Ranch at Black Gap. Willard has more knowledge of construction and land development than has been written in most books. His experience and desire for producing only the highest quality product is well known throughout the area. For the past 35 years, Lage Development Co., Inc. has developed a reputation as building the finest homes in the area. In 1972 Willard began developing Westview Estates which is consistently viewed as the premier, upper-end housing development in Rapid City. His reputation for building and developing excellence is widely admired. Being a fiscal conservative, he has operated in a manner that has allowed for his business to steadily grow and prosper, even in the toughest of times. Maintaining adequate reserves, operating within reasonable means and providing a superior product have been the foundation of his success. The honesty and integrity that serves as a basis of his personal and business life has been firmly instilled in his children, Jennifer and Jeff.

Land Owners: Signature Development LLC, 2843 Samco Road #F, Rapid City, SD 57702 is under a contract for deed to purchase the described property n/k/a The Ranch at Black Gap from Al and Margie Jensen, St Cloud, Rapid City, SD 57701

Legal Description: SW1/4 OF SECTION NINE (9), TOWNSHIP ONE SOUTH (T1S) , RANGE EIGHT EAST OF THE BLACK HILLS MERIDIAN (R8E BHM);

SOUTH HALF OF THE NORTHWEST QUARTER (S1/2NW1/4) LESS NORTH TWENTY-FIVE (25) ACRES OF SOUTHWEST QUARTER OF THE NORTHWEST QUARTER (SW1/4NW1/4) AND LESS NORTH TWENTY-FIVE (25) ACRES OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER (SE1/4NW1/4) AND LESS BLACK GAP SUBDIVISION, SECTION NINE (9), TOWNSHIP ONE SOUTH (T1S), RANGE EIGHT EAST OF THE BLACK HILLS MERIDIAN (R8E BHM);

SOUTH HALF OF THE NORTHEAST QUARTER (S1/2NE1/4) LESS TRACT A OF TRACT B OF BLACK GAP SUBDIVISION, SECTION NINE (9), TOWNSHIP ONE SOUTH (T1S), RANGE EIGHT EAST OF THE BLACK HILLS MERIDIAN (R8E BHM)

NORTH HALF OF THE SOUTHEAST QUARTER (N1/2SE1/4) LESS TRACT B OF BLACK GAP SUBDIVISION, SECTION NINE (9), TOWNSHIP ONE SOUTH (T1S), RANGE EIGHT EAST OF THE BLACK HILLS MERIDIAN (R8E BHM)

LOT ONE (1) OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER (SE1/4NE1/4), SECTION EIGHT (8), TOWNSHIP ONE SOUTH (T1S), RANGE EIGHT EAST OF THE BLACK HILLS MERIDIAN (R8E BHM)

LOT ONE (1) OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER (NE1/4SE1/4), SECTION EIGHT (8), TOWNSHIP ONE SOUTH (T1S), RANGE EIGHT EAST OF THE BLACK HILLS MERIDIAN (R8E BHM)

LOT ONE (1) OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER (SE1/4SE1/4), LESS LOT H3 AND LESS RIGHT OF WAY, SECTION EIGHT (8), TOWNSHIP ONE SOUTH (T1S), RANGE EIGHT EAST OF THE BLACK HILLS MERIDIAN (R8E BHM)

LOT A OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER (SE1/4NE1/4), OF SECTION EIGHT (8), TOWNSHIP ONE SOUTH (T1S), RANGE EIGHT EAST OF THE BLACK HILLS MERIDIAN (R8E BHM) AS SHOWN BY THE PLAT RECORD IN BOOK 9 OF HIGHWAY PLATS ON PAGE 91;

LOT A OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER (NE1/4SE1/4), OF SECTION EIGHT (8), TOWNSHIP ONE SOUTH (T1S), RANGE EIGHT EAST OF THE BLACK HILLS MERIDIAN (R8E BHM) AS SHOWN BY THE PLAT RECORD IN BOOK 9 OF HIGHWAY PLATS ON PAGE 90 IN THE OFFICE OF THE REGISTER OF DEEDS, ALL LOCATED IN PENNINGTON COUNTY, SOUTH DAKOTA

DEVELOPMENT PLAN

Purpose of the Planned Unit Development Plan

The Ranch at Black Gap will be called home to 152 families who will build new, stick built homes over the next 8 years. The Ranch encompasses 277 acres of land 3 1/2 miles south of Rapid City and will be a fairly self-sufficient community with an internal greenway walking and riding trails, a common lake area and a community center along with neighborhood commercial businesses. The following details the vision that will become The Ranch at Black Gap

GOALS

The primary goal of Signature Development is to successfully develop, market and sell the lots located at The Ranch of Black Gap in a 5 to 8 year period of time. Builders and individuals who have already expressed an interest will be contacted first. A homeowners association will be created to handle the inner workings of the development. This association will be responsible for the water system, the commons areas as well as the maintenance of the roads.

The second goal of Signature Development is to lease or sell land and to construct a portion of the buildings to be located in the area zoned neighborhood commercial. The goal is to create a community setting with commercial amenities close by that will serve to enhance the neighborhood. The commercial area is expected to develop over the five to eight year time frame.

The third goal of Signature Development is to build and sell high quality homes at the Ranch at Black Gap.

USES

Residential

The 152 lots available for sale will be platted in phases. The first phase will approximately encompass Lots 1-21 of Block 1, Lots 1-8 of Block 2, Lots 1-9 of Block 3, Lots 1-3 of Block 4, Lots 1-6 of Block 5, Lots 1-6 of Block 6, Lots-2 of Block 7 for a total of 55 lots.

During the first phase of development, all roads will be graded, and then unplatted areas will be seeded. A well and reservoir system will be installed that will serve the entire community. Each home will utilize an individual septic system that is appropriate with the soils conditions of the lot. A certain portion of the walking/riding trails will be graded in and seeded. Each home will be individually metered for water and regulated through the water uses/homeowners association.

As lots sell over the next eight years subsequent lots will be platted in a systematic order that will allow for the orderly progression and growth of the development with regard to the installation of roads and utilities. It is planned to add the community center in Phase II. For the remainder of the lots, approximately 15 to 30 lots will be opened in each phase.

Lots 1-13 of Block 4, Lots 1-3 of Block 5, Lots 6-11 of Block 5 and Lots 18-21 of Block 5 will allow for horses on the property with a maximum of two horses on lots under 5 acres and on lots that are greater than 5 acres they will be allowed to have 3 horses. No overgrazing will be allowed and covenants will cover fencing, outbuildings and other such items as may be associated with the ownership and maintenance of horses. These items will be governed by the covenants of the area.

Lots 1-18 of Block 9, Lots 1-9 of Block 3, Lots 3-8 of Block 7 and Lots 1-6 of Block 6 will be reserved for the construction of single family residences, townhouse and/or condominiums. Townhouse or condominiums will consist of no more than 3 units per building. Maximum height on all buildings will be 35 feet. Homes will be allowed on a crawl space or full basement at the discretion of the buyer and/or builder. New construction consisting of stick built homes will be allowed with a minimum main floor square footage of 900 sq feet for a two story building and 1200 sq. ft for a one story home.

Restrictive covenants are included and will be altered in the future as other plats are filed. A copy of the Articles of Incorporation for the Homeowners Association is also included. An architectural review committee will be established. A well will be drilled and a reservoir installed to serve The Ranch.

Neighborhood Commercial

The area designated Neighborhood Commercial on the plat was designed to serve as a buffer zone between the highway and the residential area. The intent is to design a visually attractive area that will serve the residents living at The Ranch. The following details some of the uses that may be conducive to the neighborhood, for this property:

Equestrian Center and riding arena
Golf driving range and clubhouse/teaching facility
Convenience store with gas facilities
Strip mall
Outdoor and enclosed storage units
Food markets including bakery goods, delicatessen goods, meat market, drugstore or
fountains including book and reading matter, stationery, tobacco, vanity goods, pharmacy
Bed and Breakfast facility
Bakeries - retail
Banks
Barbershops and beauty shops
Cleaning and pressing collection stations
Gift shops
Self service laundries
Shoe repair and shoeshine services
Professional and business offices
Veterinary clinic
Beer sales for consumption off the premises
Nameplate and signs along the highway and on either side of the two entrances along with
nameplates and signs on the buildings
Accessory buildings and uses customarily incidental to the preceding uses,
Hardware or home improvement retail establishments,
Rental of video cassettes and equipment
Other uses that meet the intent of the area
Child care facility
Neighborhood restaurant/bar/casino
Gift/clothing shop
Recreational facilities for but not limited to softball, ice skating, fitness center & soccer
Postal substation

The amount of commercial area reserved will include approx. 3-7 acres for parking along with internal roads and the appropriate area for utilities.

Commercial signs will be allowed along the highway at the discretion of the developer and at either entrance. Smaller signs for streets and identifying commons areas will be constructed throughout the area.

Commons areas

The immense open area that extends throughout The Ranch at Black Gap will allow for walking, hiking, horse riding and mountain bike riding. Scattered throughout the development will be picnic areas, picnic shelters, swing sets, climbing equipment and other activity centers as the homeowners desire and as the development progresses. The lake will remain as a community commons area and will be available for paddle boating and fishing with barbless hooks and other water activities.

A community center will be constructed during Phase II and may consist of a swimming pool, a party room, tennis courts, a sales office, and eating and socializing facilities, and other activities as the majority of residents may deem as desirable and that are financially feasible.

Summary

Signature Development is very excited about the plans for The Ranch at Black Gap. Based on the response that has been received from the advertising that has taken place, the public is excited about calling The Ranch at Black Gap home. We thank you for your part in making The Ranch at Black Gap a neighborhood we can all be proud of!

EXHIBIT OF
**WATER RIGHTS
APPLICATION**

LOCATED IN SW1/4 OF THE SW1/4
SECTION 9, T1S, R8E, BHM
PENNINGTON COUNTY, SOUTH DAKOTA

B L O C K

4
LOT 2

LOT 1

LOT 6

SECTION 1/16 LINE

LOT 3

LOT 2

LOT 1

LOT 4

OCTOBER 5, 1998
SCALE 1" = 200'

LOT 3

SW 1/4 - SW 1/4

50' WIDE EASEMENT
FOR WATER

SECTION 8
SECTION 9

100'
50'
100'
50'

WELL HEAD

927.4'± N 60°21' E

SECTION 1/16 LINE

ORIGINAL
STONE

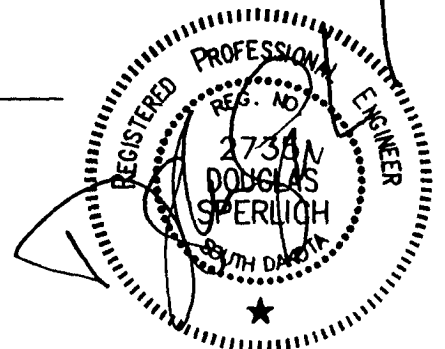
SECTION 9
SECTION 16



Renner & Sperlich Engineering Co.

616 Sixth Street, Rapid City, SD 57701

605/342-1191



2414-2

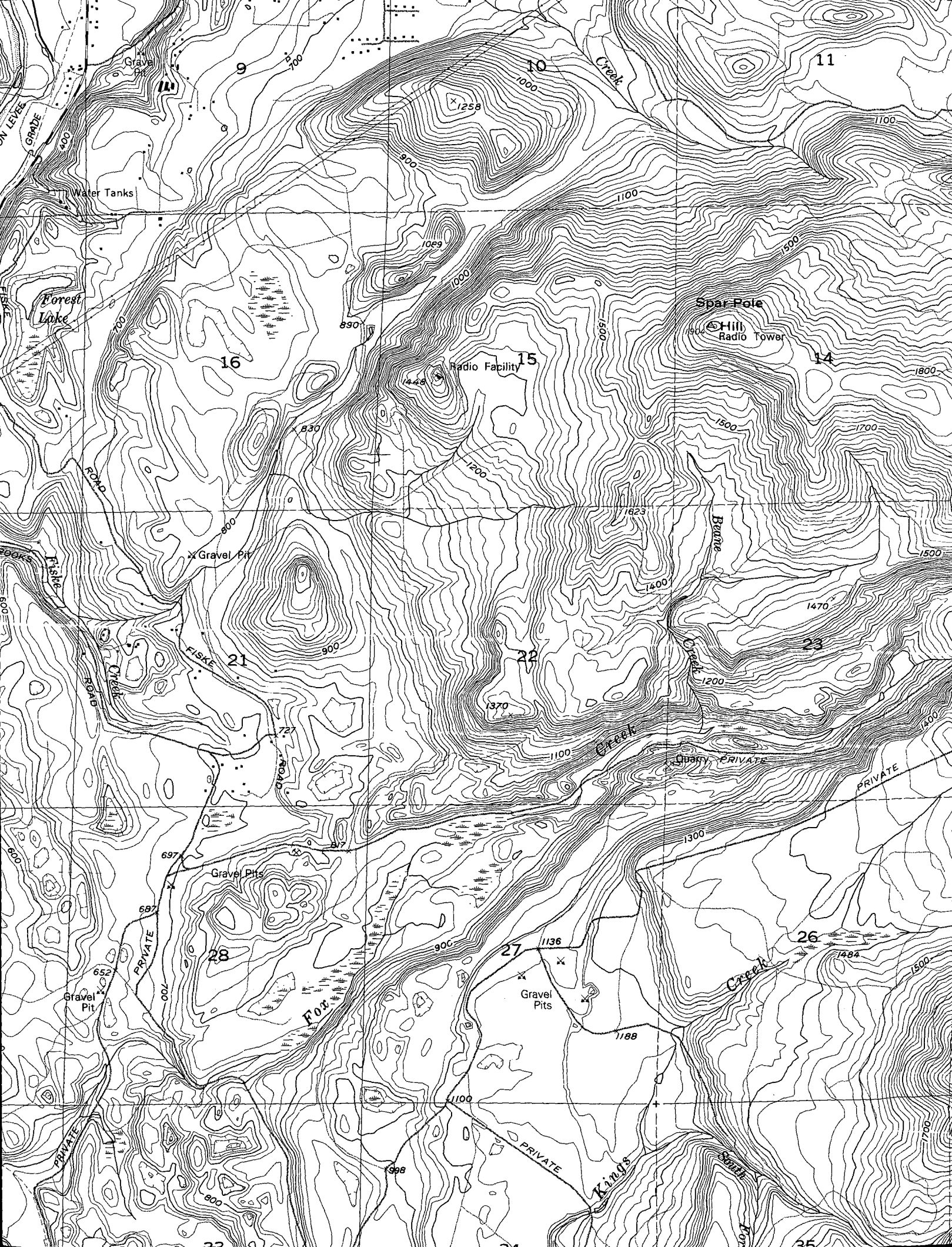
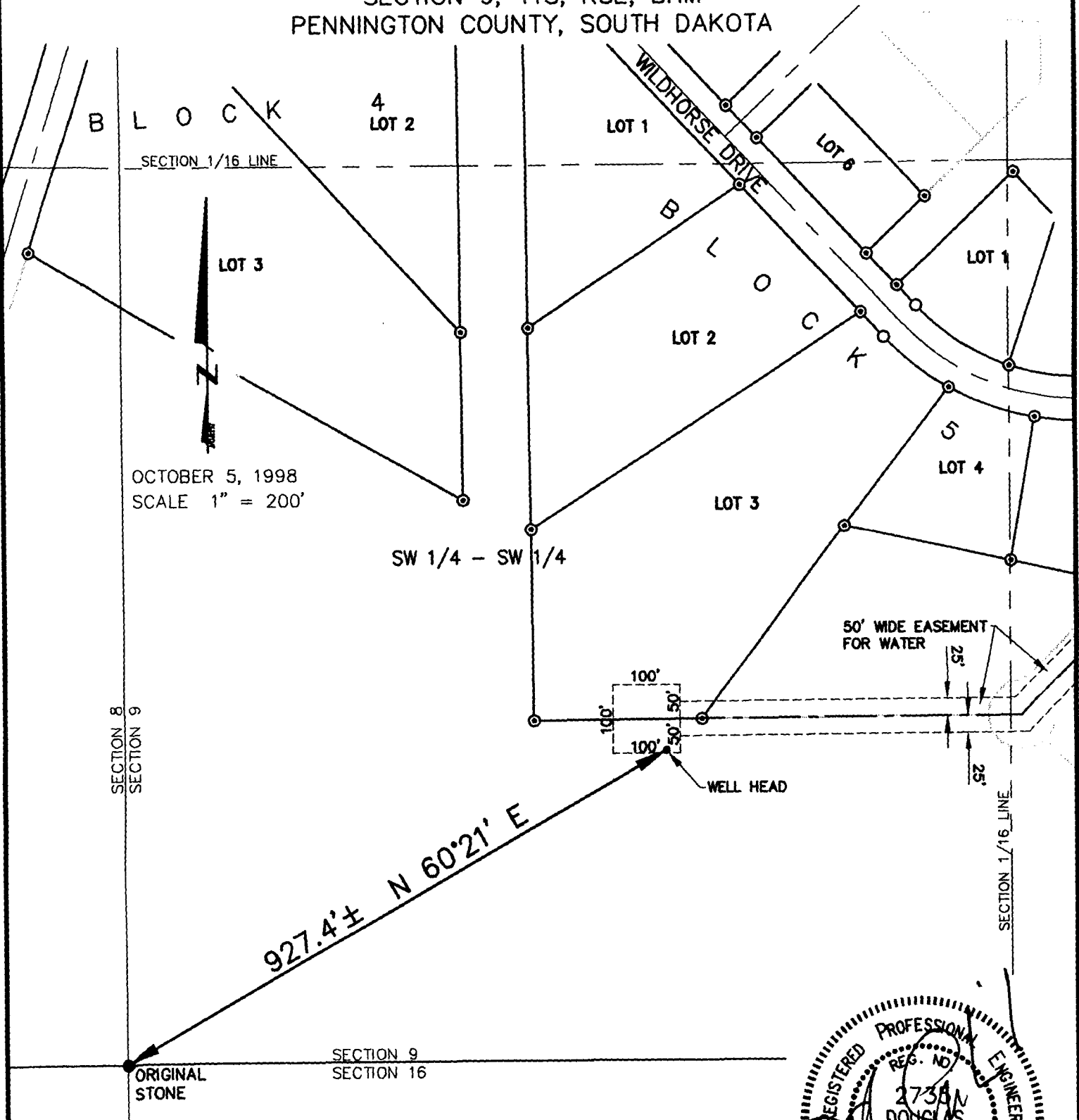


EXHIBIT OF
**WATER RIGHTS
APPLICATION**

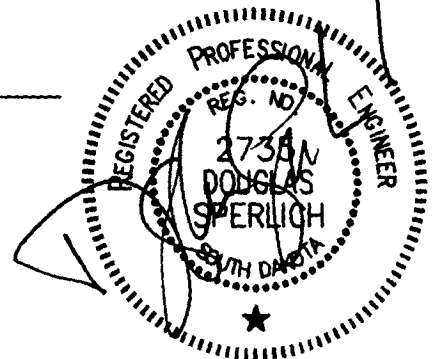
LOCATED IN SW1/4 OF THE SW1/4
SECTION 9, T1S, R8E, BHM
PENNINGTON COUNTY, SOUTH DAKOTA

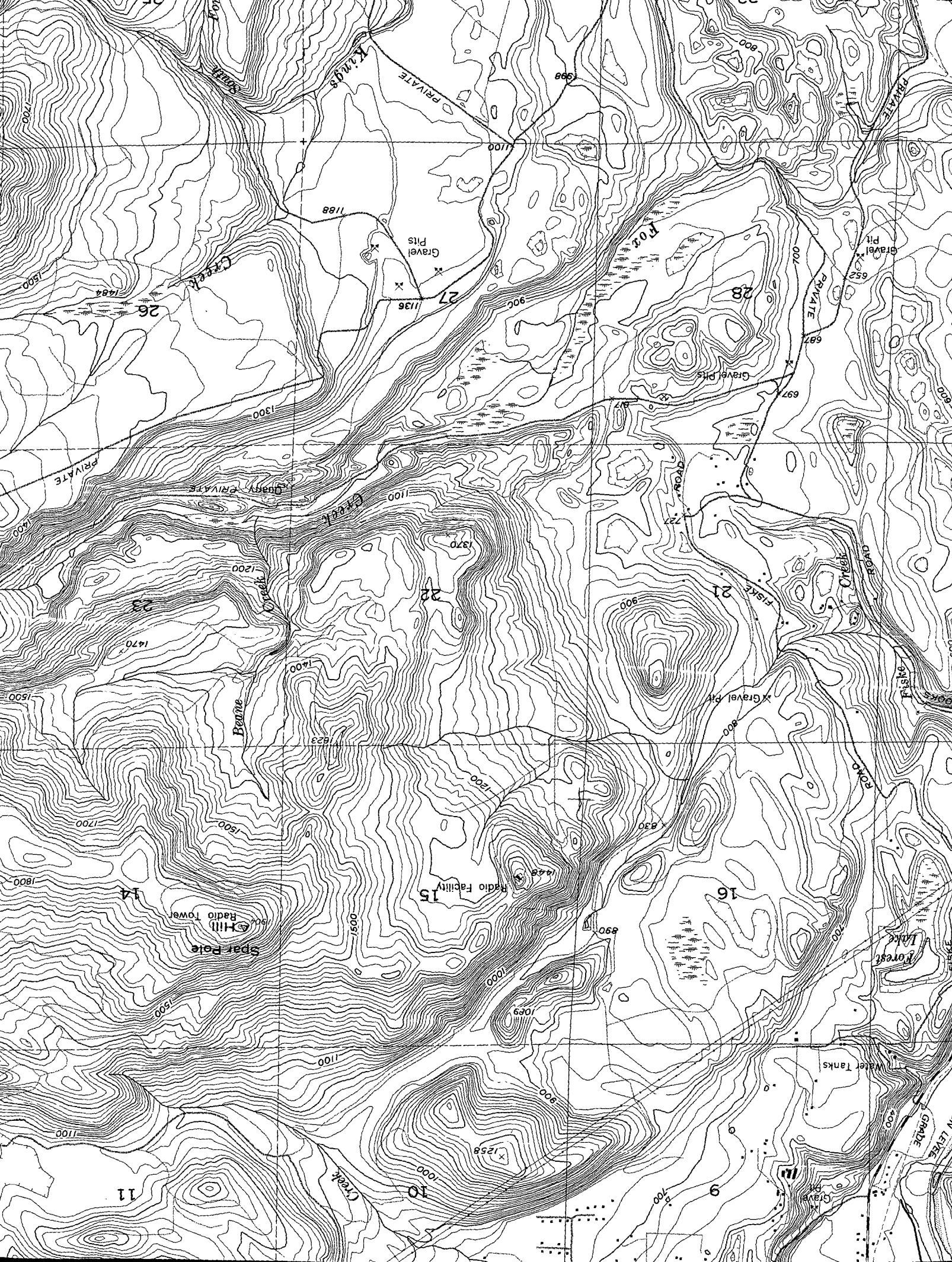


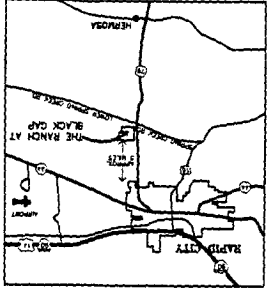
Renner & Sperlich Engineering Co.

616 Sixth Street, Rapid City, SD 57701

605/342-1191



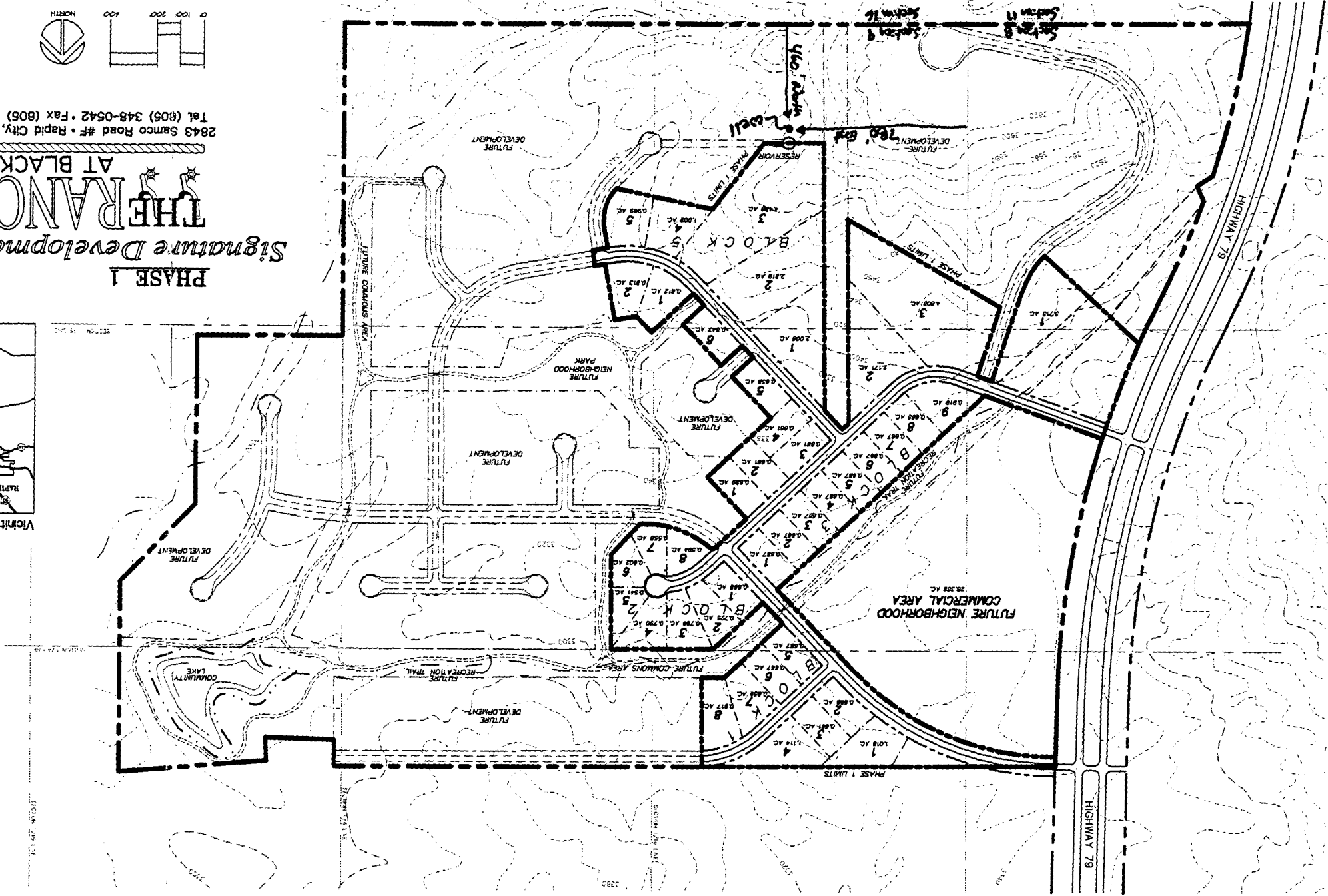
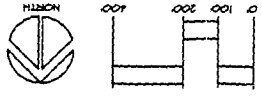




Vicinity Map

Signature Development, L.C. **THE RANCH** AT BLACK GAP PHASE 1

2843 Samco Road #F • Rapid City, SD 57702
Tel (605) 348-0542 • Fax (605) 348-1250



RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

Nº 415890

Pierre, October 6, 19 98

RECEIVED OF Signature Development Co. LLC, 28436 Samco Rd., NE, Rapid City, SD 57702
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>2414-2</u> to Appropriate Water, to construct and to put water to beneficial use _____	150	00
Fee for Application for Permit No. _____ to Appropriate Water, for Future Use _____		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____		
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	150 00

By _____
Chief Engineer

John Hatch (Signature)

WATER PERMIT APPLICATIONS NO. 2414-2
SIGNATURE DEVELOPMENT CO., INC.
NOVEMBER 3, 1998

Water Permit Application No. 2414-2 proposes to appropriate 0.111 cubic feet of water per second (50 gallons per minute) from one well (Inyan Kara Aquifer), approximately 950 feet deep, located in the SW¼ SW¼ Sec. 9, T1S-R8E. The water is for use in a suburban housing development known as The Ranch at Black Gap.

AQUIFER: Inyan Kara (INKR)

GENERAL:

The Inyan Kara Aquifer consists of interbedded sandstone (thin bedded to massive), siltstone, and shale from the Fall River and Lakota Formations. Although the Fuson Shale sometimes separates these two formations it is often difficult to differentiate the bottom of the Fall River from the top of the Lakota. The two formations are probably hydraulically connected and therefore can be considered a single aquifer. The aquifer is areally extensive, underling over 36,000 square miles of western South Dakota (Allen, 1984). The aquifer underlies 1,245,440 acres and contains an estimated 23,352,000 acre-feet of recoverable water in storage in Pennington County alone (Allen, 1984). This well site is approximately 2½ miles east of the outcrop where the beds dip approximately 4-5 degrees to the east, (DeWitt, 1989). The top of the Inyan Kara is expected to be 780' below ground surface at this site (Redden, 1994). The entire Inyan Kara Group is expected to be approximately 275-300' thick in this area (Water Rights, 1998), although only the sandstone beds actually make up the aquifer. The thickness of the Inyan Kara Aquifer does however, vary considerably within short distances. The Skull Creek Shale confines the Inyan Kara in this area and the aquifer is under artesian conditions. Approximately 1000 feet of confining beds separate the Inyan Kara Aquifer from the next aquifer, which is the Minnelusa aquifer. The water level in a well at this site is expected to be approximately at elevation 3290 feet msl or 190 feet below ground surface (Water Rights, 1998).

WATER AVAILABILITY:

The Water Rights Program monitors 7 observation wells completed into the Inyan Kara Aquifer in the Black Hills Area. The nearest observation well to this permit (PE-95B) is located approximately 4.5 miles north of this site. The limited period of record for this well (2 years) makes it difficult to be definitive, although examination of the hydrograph for the well (see figure 1) indicates the aquifer is responsive to recharge, (Water Rights, 1998).

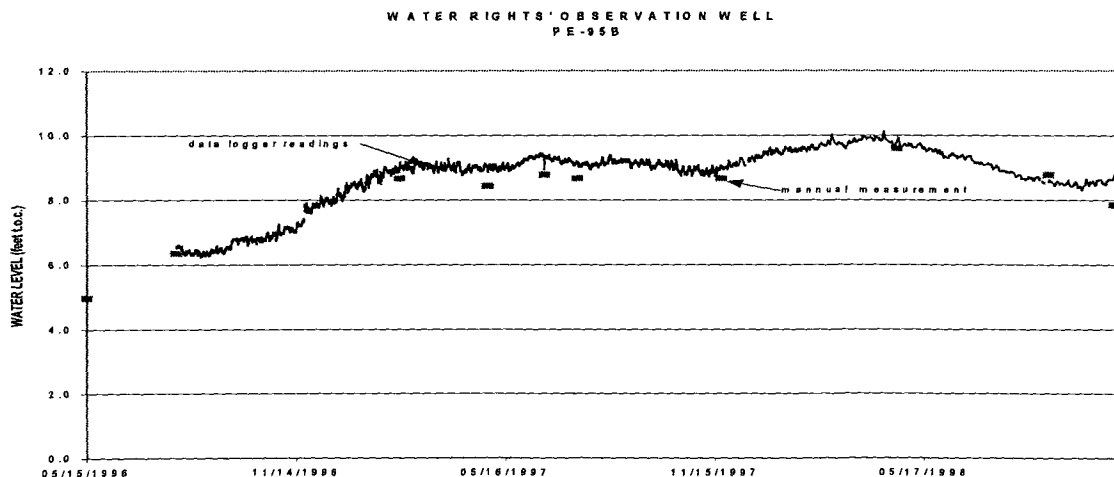


Figure 1. Water Rights' Inyan Kara Observation Well Hydrograph

One Water Rights' Inyan Kara observation well (CU-83C), which is located about 13 miles south of this well site, has shown a steady, gradual (4 feet) loss of head over the past 15 years, see figure 2.

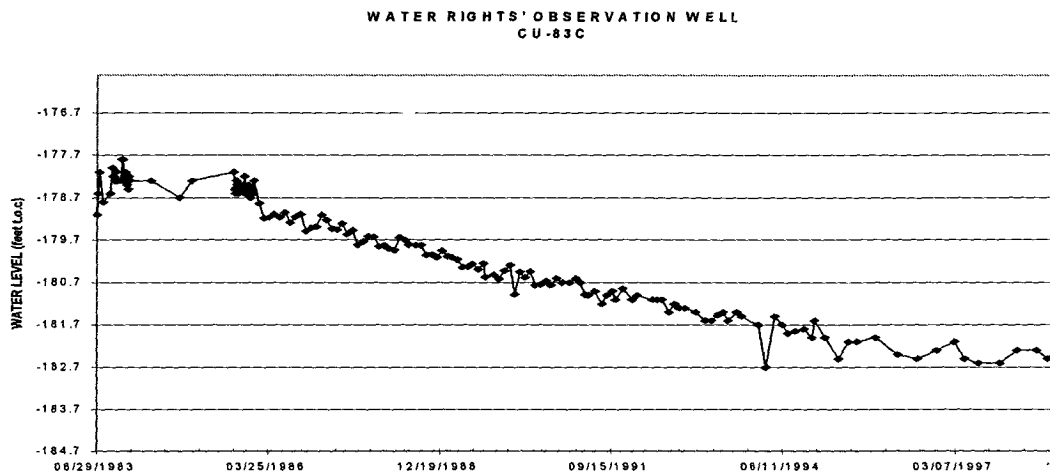


Figure 2. Water Rights' Inyan Kara Observation Well Hydrograph

It is unclear why the water level has declined at this particular well site. The hydrograph of another observation well (CU-83B) which is only about 4 miles north of CU-83C (see figure 3) is typical of for the Inyan Kara and may indicate the decline at CU-83C is simply localized drawdown.

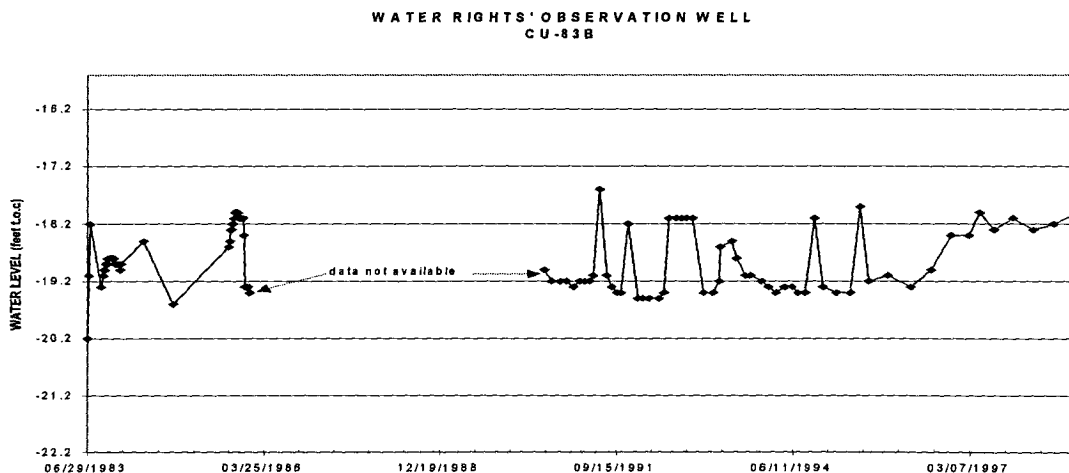


Figure 3. Water Rights' Inyan Kara Observation Well Hydrograph

With the exception of CU-83C, hydrographs of Water Rights' observation wells indicate the Inyan Kara Aquifer is in dynamic equilibrium showing minor changes in water level corresponding with seasonal or climatic conditions only. The hydrographs indicates water is available for this appropriation.

EXISTING WATER RIGHTS:

The Inyan Kara Aquifer has been developed in at least 23 counties in South Dakota with 116 Water Rights/Permits. There are 35 rights/permits appropriating water from the Inyan Kara Aquifer in Pennington

County. The closest Inyan Kara appropriation from this site is Water Permit No. 2323-2, Zita Kwartez, which is located approximately three miles away, see figure 4.

In addition to appropriative rights, there are several domestic well logs on file for wells completed into the Inyan Kara Aquifer in this area.

The diversion proposed by this application should not result in an adverse impact to adequate wells in the area because of the relatively low diversion rate proposed (50 gpm) and the distance between wells .

APPLICATION NO. 2414-2 LOCATION MAP

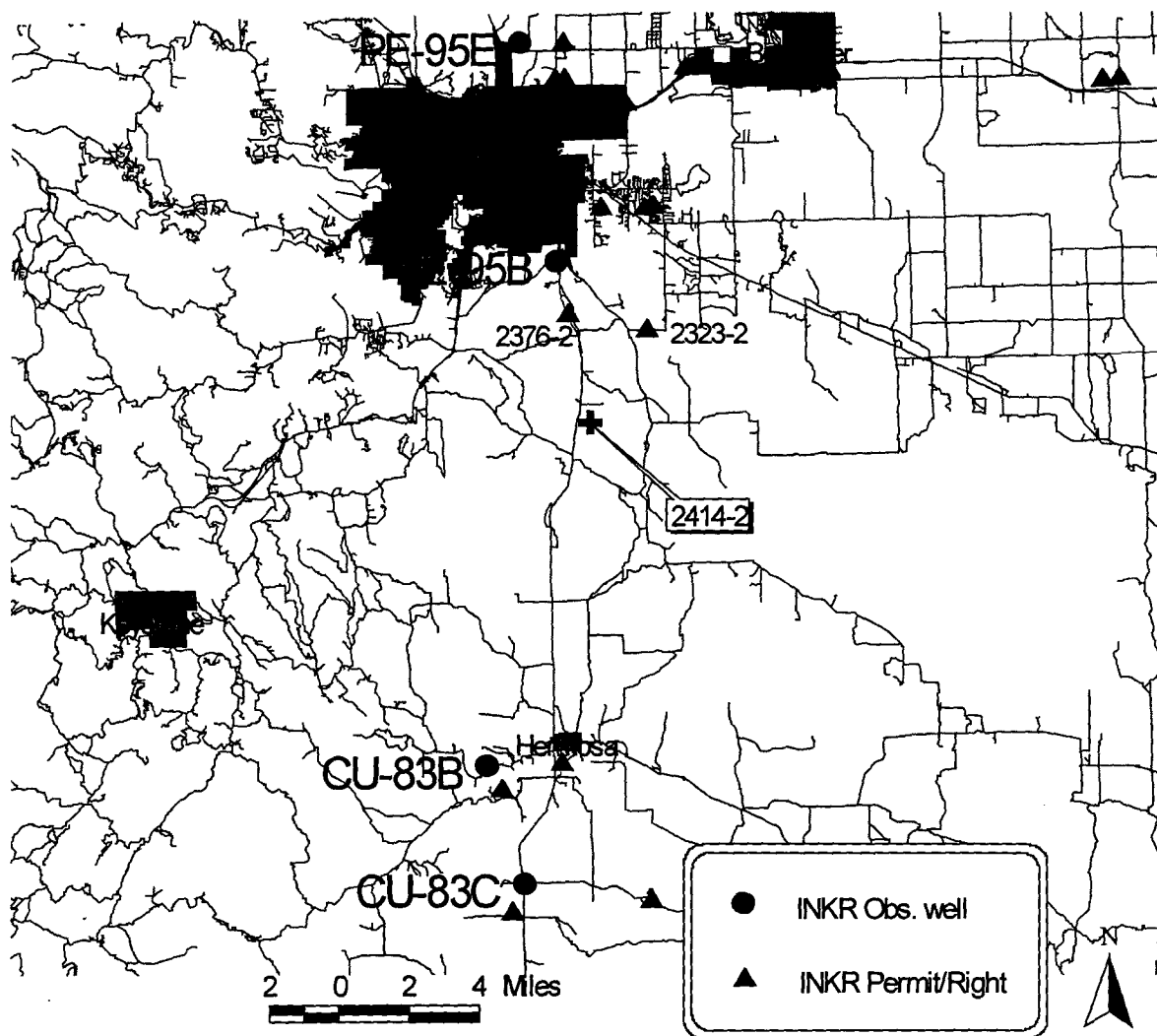


Figure 4. Location map

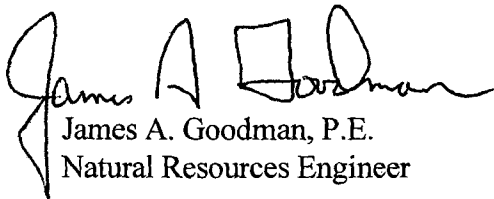
CONCLUSIONS:

1. The Inyan Kara Aquifer is a viable aquifer in this area, and water is available for this appropriation.
2. Well interference should not be a problem in this area. The requested diversion rate is relatively small and should not cause significant drawdown.
4. Wastewater is disposed of through individual septic systems.



Ken Buhler
Natural Resources Engineer

approved by



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

REFERENCES:

- Allen, J.C., D.Iles, A.Petres, 1984, Analysis of Groundwater and Streamflow Data, Western Dakotas Region of South Dakota, Task 3 & 4: Groundwater Resources Inventory, US Army Corps of Engineers Contract DAWC 45-82-C-015, SD DENR- Geological Survey, Vermillion SD
- DeWitt, E., J.Redden, D. Buscher, A. Burback Wilson, 1989, Geologic Map of the Black Hills Area, South Dakota and Wyoming, U.S. Geological Survey, Map I-1910,
- Redden, J.A., 1994, Structural Contours and Phanerozoic Structures in the Rapid City, South Dakota, 1:100,000 Scale Quadrangle, Open-File Report 95-81, U.S. Geological Survey, Rapid City, SD
- Water Rights Program, 1998, "Domestic Well Log Files, Observation Well Files, and Water Permit Files," DENR-Water Rights Program, Joe Foss Building, Pierre, SD 57501

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 2414-2, Signature Development Co. Inc.**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Program, Department of Environment and Natural Resources concerning Water Permit Application No. 2414-2, Signature Development Co. Inc., c/o Jeffrey Lage, 2843 Samco Rd, Unit F, Rapid City SD 57702.

The Chief Engineer is recommending APPROVAL of Application No. 2414-2 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) 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. 2414-2 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) from the producing formation to the surface pursuant to Section 74:02:04:28.
3. The wastewater disposal systems at the suburban housing development must be constructed in compliance with the requirements of Water Management Board Rules, Chapter 74:53:01, Individual and Small On-Site Wastewater Systems.

See report on application for additional information.


for JOHN HATCH, Chief Engineer
December 1, 1998



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

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

December 10, 1998

Signature Development Co., Inc.
%Jeffrey Lage
2843 Samco Rd., Unit F
Rapid City, SD 57702

Dear Mr. Lage:

Water Permit Application No. 2414-2 for suburban housing development use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publisher of the Rapid City Journal printed at Rapid City, SD (Ph # (605) 394-8300). For your information, a copy of the notice, the recommendation of the Chief Engineer and a report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

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

Sincerely,

Eric Gronlund
Natural Resources Engineer
(605) 773-3352

enclosures

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



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

Rapid City Journal
P.O. Box 450
Rapid City, SD 57709-0450

ATTENTION: Legal Department

Enclosed is a Notice of Hearing on Application No. 2414-2 to Appropriate Water to be published twice. Please publish the first notice on December 17, 1998, with the second publication 7 days later.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Signature Development Co., Inc., %Jeffrey Lage, 2843 Samco Rd., Unit F, Rapid City, SD 57702 (Ph # (605) 348-0542).

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

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

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

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

No. 2414-2

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

Date _____

We are in receipt of your letter of December 10, 1998, enclosing Notice of Hearing to Appropriate Water by Application No. 2414-2 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper

Instruction to Newspaper - Publish first Notice on December 17, 1998, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 2414-2 to Appropriate Water

Notice is given that Signature Development Co. Inc., c/o Jeffrey Lage, 2843 Samco Rd, Unit F, Rapid City SD 57702 has filed an application for a water permit to appropriate 0.111 cubic feet of water per second (50 gallons per minute) from one well (Inyan Kara Formation) approximately 950 feet deep located in the SW ¼ SW ¼ Section 9-T1S-R8E. The water is for use in a suburban housing development known as The Ranch at Black Gap.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 2414-2 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the chief engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and chief engineer. The applicant must file a petition if contesting the chief engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by January 4, 1999.

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



PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) SS
County of Pennington)

I, Patricia K. Van Patten

certify that the attached printed Notice was taken
from the Rapid City Journal

printed and published in Rapid City

County of Pennington and

state of South Dakota. The notice was published
in the newspaper on the following two dates:

December 17, 1998

December 24, 1998

Cost of Printing Seventy-four
dollars and sixty cents (\$74.60)

Patricia K. Van Patten
(Signature)

Legal Advertising Representative
(Title)

12/24/98
(Date Signed)

Dec. 17, 24 L300407
NOTICE OF APPLICATION
NO. 2414-2

TO APPROPRIATE WATER

Notice is given that Signature Development Co. Inc., c/o Jeffrey Lage, 2843 Samco Rd., Unit F, Rapid City, SD 57702, has filed an application for a water permit to appropriate 0.111 cubic feet of water per second (50 gallons per minute) from one well (Inyan Kara Formation), approximately 950 feet deep located in the SW1/4SW1/4 Section 9-T1S-R8E. The water is for use in a suburban housing development known as The Ranch at Black Gap.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 2414-2 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the chief engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

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Nettie H. Myers
Secretary
Department of Environment
and Natural Resources



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

FEB 22 1999

Signature Development Co., Inc.
%Jeffrey Lage
2843 Samco Rd., Unit F
Rapid City, SD 57702

Dear Mr. Lage:

Enclosed is Water Permit No. 2414-2 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Form 10, *Notice of Completion of Works and Application of Water to Beneficial Use*, is enclosed. Please return this completed form after you have finished the system and have put the water to beneficial use. An investigation can then be scheduled so the water license may be issued, thus completing the acquisition of a water right.

An informational sheet *Common Water Right Questions?* is also enclosed. This sheet is intended to answer some of the questions associated with obtaining and keeping a water right.

Very truly yours,

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

enclosures



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

Date 9/20/99

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

FROM: Signature Development 2843 Samco Rd #F
(name) (address)
Rapid City SD 57702 605-348-0542
(city) (state) (zip) (phone)

I have completed the construction of the water diversion system and I have put the water to beneficial use to the maximum extent it is going to be used. I have not exceeded the amounts specified in Water Permit No. 2414-2.

Water Permit No. 2414-2 states that the diversion system is to be constructed by Jan 4, 2004,
(date)

Jan 4, 2004.
(date)

The diversion system was completed on 8/30/99.
(date)

Applying the water to beneficial use was completed on 9/20/99.
(date)

You may schedule an inspection so that the Water License may be issued.

[Signature]
(signature)



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

February 25, 2004

2414-2

Jeffrey Lage
Signature Development Company Inc
2843 Samco Rd, Unit F
Rapid City SD 57702

Dear Mr. Lage

On October 30, 2003, the investigation of your water use system, including the extent of application of water to beneficial use, as developed under Water Permit No. 2414-2, was completed by Eric Gronlund, a staff engineer with our program. The permit authorizes diversion of ground water for suburban housing development purposes.

Your final water right document, the water license, can now be issued. State law requires that we charge a \$50.00 fee for the investigation and issuance of the water license. Upon receipt of the \$50.00 fee from you, we will complete processing your water license. The check or money order for the fee should be made payable to the "Water Rights Program".

Your licensed water right will be similar to a property right that can not be lost as long as the water use continues and you abide by the permit requirements.

If you have any questions regarding the water permit, investigation of your water use system or payment of the fee, please contact me.

Sincerely,

Genny McMath
Environmental Scientist
Water Rights Program
(605) 773-3352

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date MARCH 31, 20 08

RECEIVED OF Signature Development Co LLC, 2843 Samco Rd #F, Rapid City SD 57702

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use	50	00
Fee for Application for Permit No. _____ to Appropriate Water for Future use		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. <u>2414-2</u>		
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	50.00

No.

001233

By

David E. White
Chief Engineer

Permit No. 2414-2
Upper Cheyenne (10120110) - Water District

Report Of Examination Of Works And/Or Application of Water To Beneficial Use

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

I have this day, October 30, 2003, made a thorough examination of the water use system constructed by Signature Development Company, Inc., c/o Jeffrey Lage, 2843 Samco Road – Unit F, Rapid City SD 57702 holder of Permit No. 2414-2, bearing the priority of October 6, 1998 authorizing the diversion of 0.111 cu. ft. per second of the waters (50 gpm) of Inyan Kara Formation for suburban housing development purposes, in Pennington County.

I have to report on the conditions of the same as follows:

A. Works used to divert the water:

A 1008 foot deep well with a Submersible pump capable of producing 45 gpm (according to Jeff Lage)

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

Submersible pump in well diverts water to a 120,000 gallon storage tank.

C. Works used to apply water to beneficial use:

Water lines to provide potable water to residents

The system is in the following condition excellent. The point of diversion is located approximately 540 feet north and 782 feet east of the SW Corner (SW ¼ SW ¼) of Section 9, T1S, R8E (Lat/Lon N 43.971658 W-103.175867). The works are capable of diverting and conveying to the place of use 0.1 cu. ft. per second of water (45 gpm) which is to be used for suburban housing development). Water has been put to beneficial use to the maximum extent and the license should be issued for .10 cfs (45 gpm)

Applicable permit qualifications have been complied with: YES

Exceptions to compliance are: none Date Report Completed: February 9, 2004



Eric Gronlund

Natural Resources Engineer

DENR, Water Rights Program

FIELD INVESTIGATION REPORT FOR PERMIT NO. 2414-2

DATE OF INVESTIGATION:	October 30, 2002
NAME & ADDRESS OF INVESTIGATION CONTACT/ RELATIONSHIP TO PERMIT HOLDER, IF APPLICABLE	Jeffrey Lage
NAME & ADDRESS OF PERMIT HOLDER	Signature Development 2843 Samco Road, Unit F Rapid City SD 57702
DIVERSION POINT LEGAL LOCATION	<u>approximately 540 feet north and 782 feet east of the SW Corner (SW ¼ SW ¼) of Section 9, T1S, R8E (Lat/Lon N 43.971658 W-103.175867)</u>

WATER SUPPLY Source: Inyan Kara Formation

Well Information:

- | | |
|---|-------------------------------------|
| 1) Well Drilling Firm: <u>Taylor Drilling</u> | 2) No. of Wells <u>1</u> |
| 3) Depth(s) <u>approx. 1008</u> feet | 4) Well log is available <u>Yes</u> |

Casing:

- | | |
|---------------------------------|----------------------------|
| 1) Diameter <u>5 1/2</u> inches | 2) Length <u>1003</u> feet |
| 3) Type <u>steel</u> | |

Screen:

- | | |
|---------------------------------------|---------------------------------|
| 1) Type <u>steel</u> | 2) Length <u>approx 50</u> feet |
| 3) Static water level <u>195</u> feet | |

Pump: very little is known about the pump in the well

- | | |
|------------------|---------------------------|
| 1) Make <u>#</u> | 2) Model <u>#</u> |
| 3) Size <u>#</u> | 4) Capacity <u>45</u> GPM |

Mr. Lage had very good pumping records.

Motor:

- | | |
|--------------------------------|-----------------------|
| 1) Make <u>#</u> | 2) Model No. <u>#</u> |
| 3) Horsepower rating <u>hp</u> | |

PERMIT QUALIFICATIONS AND REGULATIONS:

- 1) Special qualifications to permit being abided by Yes
- 2) All structures, wells and lands on map Yes
- 3) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period not applicable

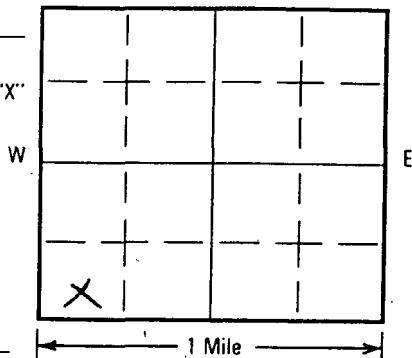
Mr. Lage stated that all homes are on individual septic systems. The development currently has 30 % of the lots with houses constructed. It was always planned that this well would be used for initial development and a second well constructed at some point in the future. He thought they might want to go to a Madison well. He asked that I send him application forms. I further discussed this with Ken Buhler who indicated that the Madison Formation at this location may be cost prohibitive and forwarded this information to Mr. Lage.

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SW 1/4 SW 1/4 Sec 9 Twp 15 Rg 8E
 County Pennington

Please mark well location with an "X"



Well Completion Date

10-29-98

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? >1000 ft. from septic (identify source).

PROPOSED USE:

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

METHOD OF DRILLING:

Air + Mud rotary

CASING DATA: ☒ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>15.50</u> LB/FT	<u>5 1/2</u> IN	<u>0</u> FT	<u>1003</u> FT	<u>6 3/4</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Cement</u>	<u>125</u>	<u>15</u> lb./gal	<u>1003</u> ft.	<u>0</u> ft.
_____	_____	_____ lb./gal	_____ ft.	_____ ft.

Describe grouting procedure Pressure Grouted
through casing

SCREEN: ☒ Perforated pipe ☐ Manufactured

Diameter 5 1/2 IN Length _____ FEET

Material steel

Slot Size _____ Set From _____ Feet to _____ Feet

Other information shot perforated w
23 gram jets

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 set yet

Laboratory sent to for water quality analysis

Well Owner: Signature Development

Business Name: (Lage)

Address: 2843 Samco Rd1, Unit F.
Rapid City, SD 57702

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>brown clay</u>	<u>0</u>	<u>15</u>
<u>black shale</u>	<u>15</u>	<u>670</u>
<u>black shale w/sandy layers</u>	<u>670</u>	<u>765</u>
<u>SS fine to coarse</u>	<u>765</u>	<u>833</u>
<u>red + yellow clay</u>	<u>833</u>	<u>848</u>
<u>tan SS</u>	<u>848</u>	<u>900</u>
<u>red clay</u>	<u>900</u>	<u>914</u>
<u>gray SS some shale</u>	<u>914</u>	<u>1000</u>
<u>black shale</u>	<u>1000</u>	<u>1008</u>

STATIC WATER LEVEL 195' 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: _____
☐ Bailed Air Developed
☒ Other _____

Pumping Level Below Land Surface

500 ft. After 3 Hrs. pumped 45 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS perfs: 797-803 13 shots
828-833 11 shots 861-867 25 shots
871-881 40 shots 911-921 21 shots
967-971 17 shots

This well was drilled under license # 331

And this report is true and accurate.

Drilling firm Taylor Drilling

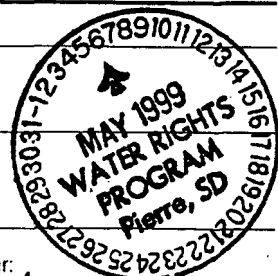
Signature of License Representative:

Reyn Tylor

Signature of Well Owner or Equitable Property Holder:

Jennifer Jandquist

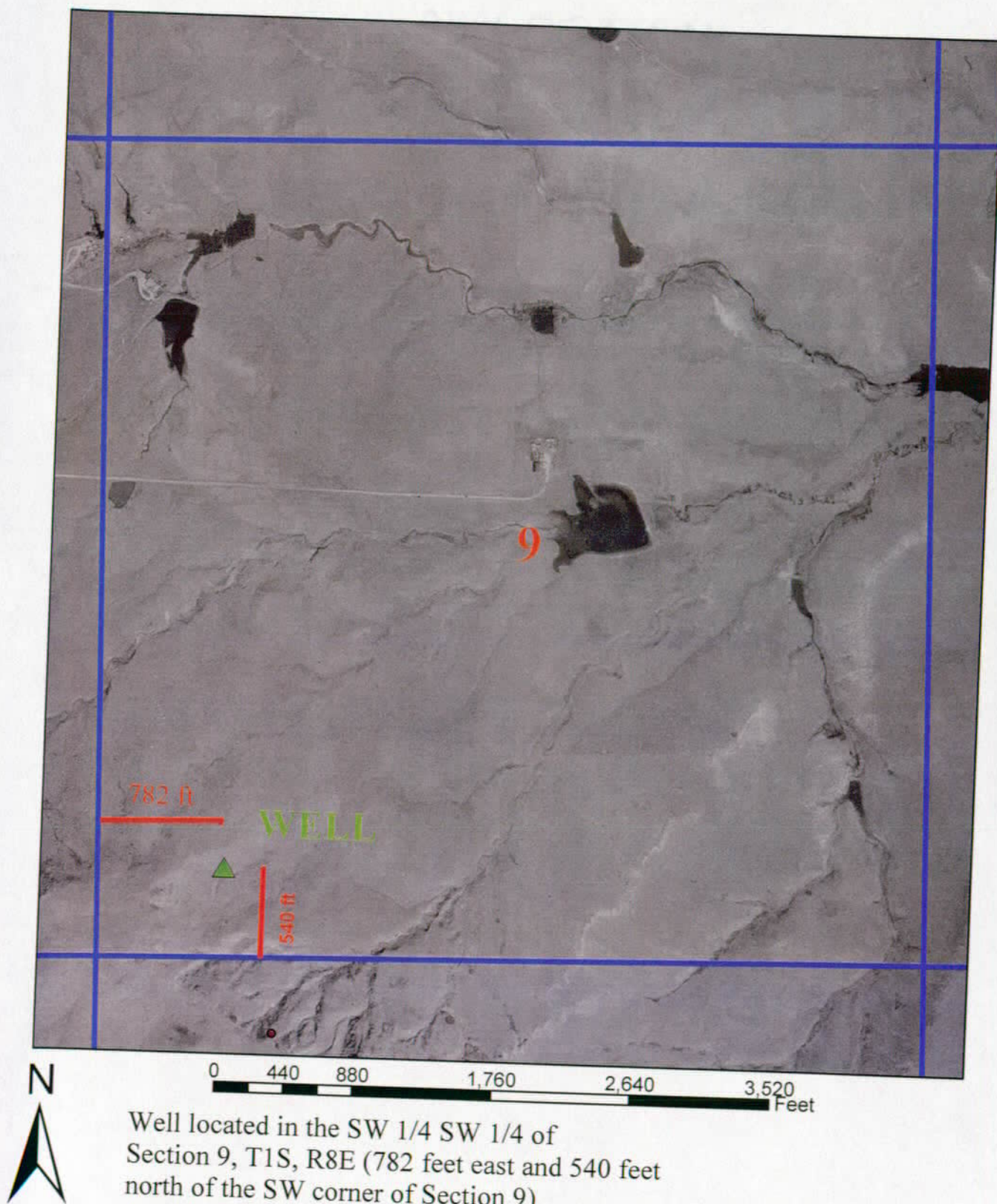
Date: 4/20/99





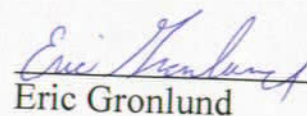
Well for Signature Development located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 9, T1S, R8E.

Water Permit No. 2414-2, Signature Development Co. Inc.



Well located in the SW 1/4 SW 1/4 of
Section 9, T1S, R8E (782 feet east and 540 feet
north of the SW corner of Section 9)

Lat 43.971658
Lon -103.175867


Eric Gronlund

Water Rights Program, DENR
Licensing Investigation - Oct. 30, 2003

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 2414-2

(1) Signature Development Co. Inc., c/o Jeffrey Lage, 2843 Samco Rd, Unit F, Rapid City SD 57702 made Application No. 2414-2, October 6, 1998 for a water permit to divert 0.111 cubic feet of water per second from groundwater (one well), Pennington County, South Dakota for suburban housing development purposes. Permit No. 2414-2, with a priority date of October 6, 1998 was approved January 4, 1999 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before January 4, 2004 and for the application to beneficial use of water on or before January 4, 2008.

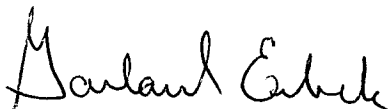
The permit holder submitted a *Notice of Completion of Works and Application of Water to Beneficial Use* on September 23, 1999. The *Notice* stated the diversion system was completed on August 30, 1999 and the water placed to beneficial use on September 20, 1999.

(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. 2414-2 is issued a license, bearing a priority date of October 6, 1998 to appropriate 0.10 cubic feet of water per second from groundwater (one well) for suburban housing development purposes.

The diversion point is located: 540 feet north and 782 feet east of the southwest corner of Section 9-T1S-R8E (SW ¼ SW ¼).

(3) This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Permit No. 2414-2 including the following now applicable qualifications:

- The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
- The well authorized by Permit No. 2414-2 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) from the producing formation to the surface pursuant to Section 74:02:04:28.
- The wastewater disposal systems at the suburban housing development must be constructed in compliance with the requirements of Water Management Board Rules, Chapter 74:53:01, Individual and Small On-Site Wastewater Systems.



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

APR 23 2004

date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

APR 23 2004

2414-2

Signature Development Co. Inc
% Jeffrey Lage
2843 Samco Rd Unit F
Rapid City SD 57702

Dear Mr. Lage:

Enclosed is Water License No. 2414-2. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 1263 in the amount of \$50.00 which you paid for the investigation and issuance of the Water License.

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

Sincerely,

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

enclosures



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

May 1, 2024

2414-2

The Ranch at Black Gap
c/o Jeff Lage
3006 W St Louis St
Rapid City SD 57702

Dear Mr. Lage:

I am writing you in regard to Water Right No. 2414-2, currently held by Signature Development Co. Water Right No. 2414-2 authorizes the diversion of 0.111 cubic feet of water per second from 1 well, located in the SW 1/4 SW 1/4 Section 9, T1S-R8E, Pennington County, to supply water to a suburban housing development.

It is the understanding of the Water Rights Program that The Ranch at Black Gap now owns this property, and that ownership of Water Right No. 2414-2 should be transferred accordingly. For your convenience I have enclosed a partially completed "Transfer of Ownership" form for you to complete and return in the pre-paid envelope, as well as a copy of the original water right.

Please return the form with a check for \$50.00 made payable to "SD Water Rights Program" to cover the transfer fee. If you would prefer to pay by card you may call our Fiscal Office at 605.773.5559. This form will still need to be returned even if you are submitting payment over the phone.

Should you decide you wish to discontinue the use of this well, we would ask that you let us know.

If you have any questions or concerns, please give me a call. My direct number is 605.910.5187

Sincerely,

Amanda Dewell
Water Rights Program
605 773-3352
Amanda.Dewell@state.sd.us

enclosures

2414-2

PAID

MAY 09 2024

NOTICE OF TRANSFER OF OWNERSHIP

Ck# 2179

Rec't#

2414-2

To: Chief Engineer
Water Rights Program, DANR
523 E. Capitol
Pierre, SD 57501-3181

No.

Date:

5/5/24

I/We request that Water Right No. 2414-2

formerly owned by: Signature Development Co Inc

be transferred to: (name & address)

Signature Water Co LLC

co/ Jeff Lage 3006 Wst. Louis Street, Rapid City SD 57102

Email: Signature Water @ rap.midco.net

Telephone No. 605-348-0542 (o)
605-381-2003 (c)

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

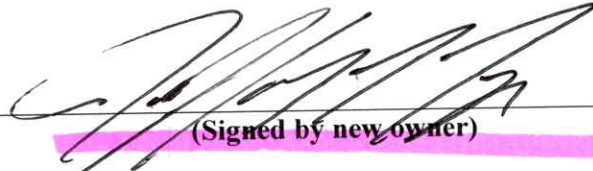
1 well - SW 1/4 SW 1/4 Sec 9, T1S, R8E

I/We understand that the validity of Water Right No. 2414-2 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

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

A fee of Fifty Dollars (\$50.00) is required to cover the filing fees as required under SDCL 46-2-13. This form must be signed by the new owner.

I/We Signature Water Co LLC, the new owner, certify that the above information is true and correct.


(Signed by new owner)

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

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

RECEIVED

MAY 09 2024

OFFICE OF
WATER

RECEIPT

WATER RIGHTS PROGRAM South Dakota Department of Agriculture and Natural Resources

Date May 9, 2024

RECEIVED OF Signature Water Company, LLC c/o Jeff Lage 3006 W Street Rapid City SD 57702

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use	\$ _____
Fee for Application for Permit No. _____ to Appropriate Water for Future use	\$ _____
Fee to retain Future Use Permit No. _____ after period of seven years.	\$ _____
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____	\$ _____
Fee for Filing Transfer Form <u>2414-2</u>	<u>\$50.00</u>
Fee for _____	\$ _____
Fee for Issuing New Well Driller's License No. _____	\$ _____
Fee for Renewal of Well Driller's License No. _____	\$ _____
Fee for Issuing Well Pump Installer's License No. _____	\$ _____
Fee for Renewal of Well Pump Installer's License No. _____	\$ _____
(Any Other Work Provided by Law)	
TOTAL	<u>\$50.00</u>

By Eric Gundlund
Chief Engineer
SK



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

May 13, 2024

2414-2

Signature Water Co LLC
c/o Jeff Lage
3006 W Saint Louis St
Rapid City SD 57702

Dear Mr. Lage:

I have received your "Notice of Transfer of Ownership" form and the required fees. Enclosed is a receipt of payment for your records.

Water Right No. 2414-2 previously held by Signature Development Co Inc., is now listed under Signature Water Co LLC.

As a reminder, so long as you use the water beneficially, as stated in the water right, State Water Laws provide that you have a continuing right to use the water. Should the water not be put to beneficial use for a period longer than 3 consecutive years, without legal excuse, the water right will be subject to cancellation.

If you have any questions, please contact me.

Sincerely,

Amanda Dewell
Water Rights Program
605 773-3352
Amanda.Dewell@state.sd.us

enclosure