

FILE COPY

Originally received
5/20/2015

Mail to: PMB 2020 DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>8165-3</u> (office use only)	Hydrologic Unit <u>10160006</u>
	Basin <u>James River</u>	
	Newspaper _____	

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JUN - 2 2015
WATER RIGHTS PROGRAM

Application For Permit To Appropriate Water For Irrigation

Type of Application: New Vested Right Amendment/Correction to Permit No. _____
(Use predates Mar 2, 1955)

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

1. Name to Appear on Irrigation Permit Todd Swenson
(check one) Owner Tenant/lessee Owner's Legal Agent _____
(name and complete address if different than above name)

Mailing Address 38770 235th St. Wessington Springs SD 57382
(Address) (City) (State) (Zip Code)

Home Phone (605) 539-1722 Cell (605) 354-1930 Email tswenson@venturecomm.net

2. Amount of water claimed 5.33 *CFS or 2400 **GPM ***AF Total Acreage 460
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply Warren: West James Aquifer

4. Location of point of diversion SEE ATTACHED EXHIBIT 1 (3 wells)
(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)
SE1/4 NW1/4, SE1/4 NW1/4, SE1/4 SW1/4 Sec 1-T108N-R64W County Jerauld

5. County or counties where water will be used Jerauld County

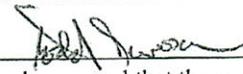
6. Annual period during which water is to be used April - October 31

7. List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
(Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
SEE ATTACHED EXHIBIT 2		SW1/4 Sec 1	115
NE1/4 Sec 2 (Lots 1&2)	130	NE1/4 Sec 1	15
SE1/4 Sec 2	130		
S1/2 NW1/4 Sec 1	70	all in T108N-R64W	

8. Give a description of the project. (Attach sheet if more space is needed)

Wells will be drilled for agricultural irrigation. See map of project attached as EXHIBIT 3 and Township map attached as EXHIBIT 4. South Dakota Water Well Completion Reports are attached as EXHIBIT 5.

I, Todd Swenson , the applicant, certify that I have read this application, have examined the attached map, and that the matters stated are true.

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)

EXHIBIT 1

[Legal Descriptions]

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- (a) Southeast Quarter (SE1/4) of the Northwest Quarter (NW1/4), Section One (1), Township One Hundred Eight (108) North, Range Sixty-four (64), West of the 5th P.M., Jerauld County, South Dakota

- (b) Southeast Quarter (SE1/4) of the Northwest Quarter (NW1/4), Section One (1), Township One Hundred Eight (108) North, Range Sixty-four (64), West of the 5th P.M., Jerauld County, South Dakota

- (c) The Southeast Quarter (SE1/4) of the Southwest Quarter (SW1/4) Except highway right of way, Section One (1), Township One Hundred Eight (108), North, Range Sixty-four (64), West of the 5th P.M., Jerauld County, South Dakota

EXHIBIT 2

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- (a) 130 acres located in the Northeast Quarter (NE1/4) a/k/a Lots One (1) and Two (2) and the South Half of the Northeast Quarter (S1/2 NE1/4) of Section Two (2), Township One Hundred Eight (108) North, Range Sixty-four (64), West of the 5th P.M., Jerauld County, South Dakota
- (b) 130 acres located in the Southeast Quarter (SE1/4), Except Knight Outlot Three (3), and East highway right of way, Section Two (2), Township One Hundred Eight (108) North, Range Sixty-four (64), West of the 5th P.M., Jerauld County, South Dakota
- (c) Approximately 70 acres mostly located in the Southeast Quarter (SE1/4) of the Northwest Quarter (NW1/4), Section One (1), Township One Hundred Eight (108) North, Range Sixty-four (64), West of the 5th P.M., Jerauld County, South Dakota
- (d) Approximately 115 acres located in the Southwest Quarter (SW1/4) Except highway right of way, Section One (1), Township One Hundred Eight (108) North, Range Sixty-four (64), West of the 5th P.M., Jerauld County
- (e) Approximately 15 acres located in the Northeast Quarter (NE1/4), Section One (1), Township One Hundred Eight (108) North, Range Sixty-four (64), West of the 5th P.M., Jerauld County, South Dakota

Supplemental Information

(type or print)

1. Well Information (check one or both as applicable) Drilling new well(s) Using existing well(s)

a) If new wells, how many 3 Have test holes been drilled Yes No Drilled by Stretch's Well Drilling
(if yes, please provide copies of logs)

b) If existing wells, how many Provide copy of log(s), if available. Drilled by

c) Well Depth Exhib 5 Depth to Top of Water Bearing Material Exhib 5 Depth to Water from Surface Exhib 5

d) Distance to nearest existing domestic well:

On applicant's property Unavailable On property owned by others Unavailable

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

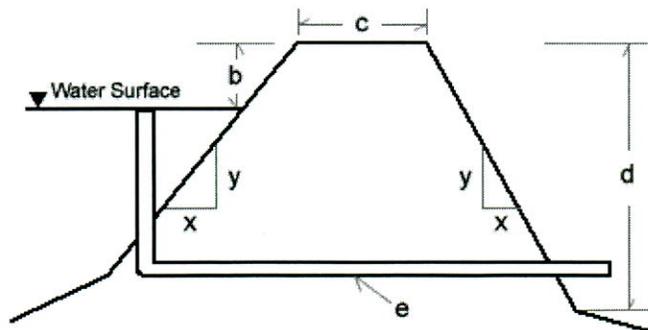
a) Surface Dimensions Depth

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

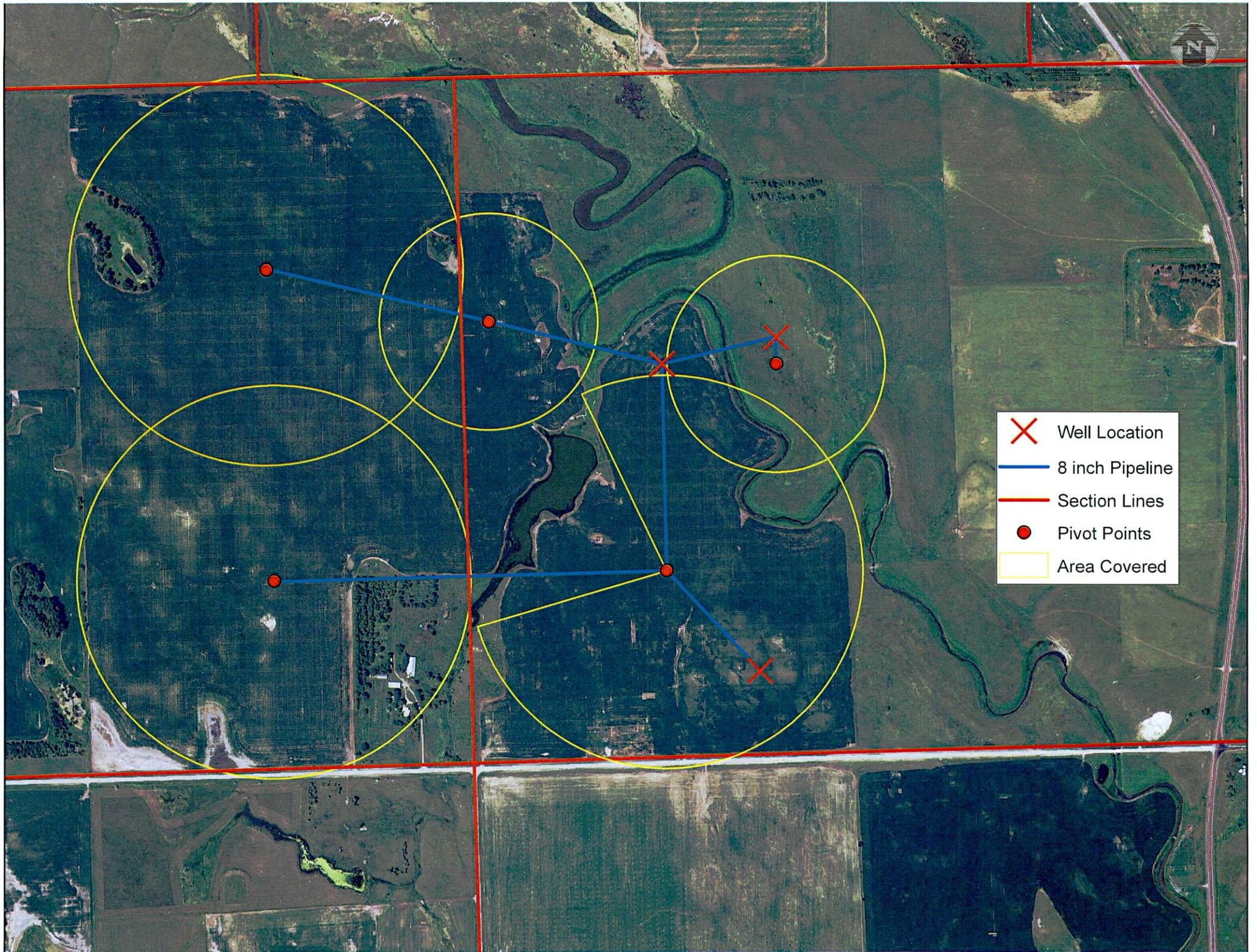
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EXHIBIT 3

[Map of Project]



-  Well Location
-  8 inch Pipeline
-  Section Lines
-  Pivot Points
-  Area Covered

EXHIBIT 4

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[Township Map]

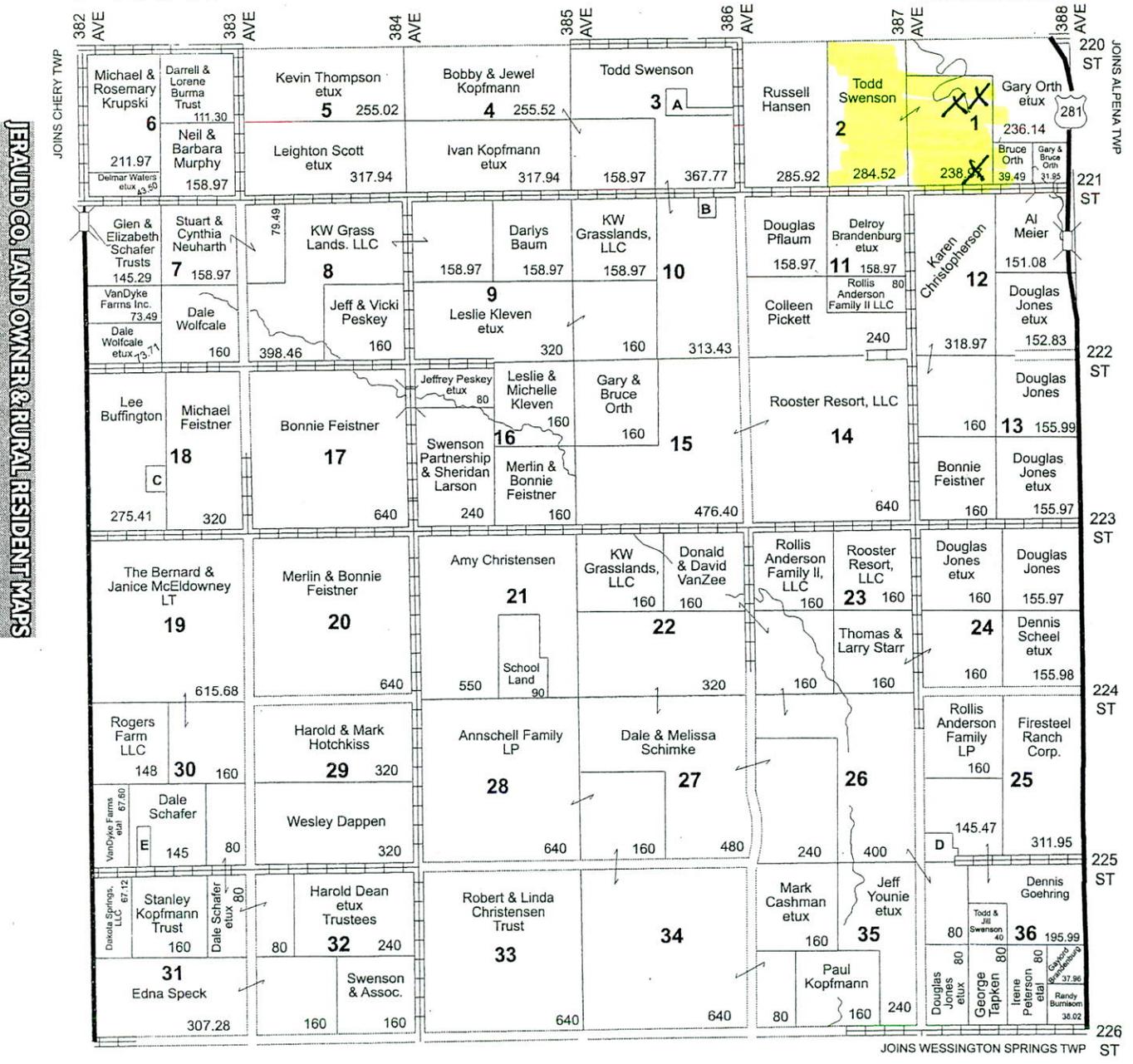
DALE TWP

LAND OWNER

T 108 N

R 64 W

JOINS BEADLE COUNTY, SD



Small Tracts

- Section 3 A James & Donna Knight - 46.56
- Section 10 B Monte & Lori Kopfmann - 5.54
- Section 18 C Randy Doty et ux - 19.79
- Section 25 D Donald & David VanZee - 14.53
- Section 30 E Dayle Winter - 15

R 67 W	R 66 W	R 65 W	R 64 W	R 63 W	
MARLAR	HARMONY	CHERY	DALE	ALPENA	T 108 N
CROW	PLEASANT	MEDIA	WESSINGTON SPRINGS	FRANKLIN	T 107 N
LOGAN	CROW LAKE	ANINA	VIOLA	BLAINE	T 106 N

EXHIBIT 5

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**WATER RIGHTS
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[South Dakota Water Well Completion Reports]

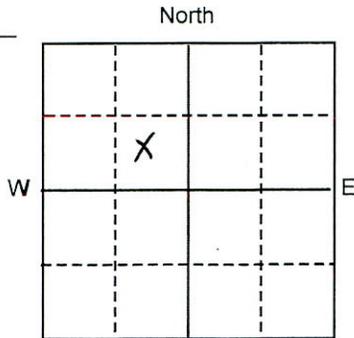
SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SE 1/4 NW 1/4 Sec 1 Twp 108N Rg 64W

County Jerauld

Please mark well location with an "X"



Well Completion Date

2/16/2015



Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?
none ft. from _____ (identify source)

PROPOSED USE:

- Domestic/Stock Municipal Business Test holes
 Irrigation Industrial Institutional Monitoring well

METHOD OF DRILLING:

Mud Rotary

CASING DATA:

- Steel Plastic Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>220</u> LB/FT	<u>4</u> IN	<u>0</u> FT	<u>45</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>#20</u>	<u>2</u>	<u>_____</u> Lb/gal	<u>0</u> Ft	<u>25</u> Ft
_____	_____	<u>_____</u> Lb/gal	<u>_____</u> Ft	<u>_____</u> Ft

Describe grouting procedure
Tremie Pipe

SCREEN:

- Perforated pipe Manufactured

Diameter 4 Inches Length 20 Feet

Material PVC

Slot Size .025 Set From 25 Feet to 45 Feet

Other information _____

WAS A PACKER OR SEAL USED?

- Yes No

If so, what material? Enviro Plug

Describe packer(s) and location

Above Screen

DISINFECTION: Was well disinfected upon completion?

- Yes, How? Chlorine

- No, Why Not? _____

Lab to which water quality sample sent for analysis _____

Well Owner: _____

Business Name: Swenson Partnership

Address: 38770 235th St.

City, State, Zip: Wessington Springs SD 57382

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Top Soil	0	5
Clay	5	15
Sand and Pea Rock	15	45

STATIC WATER LEVEL

4.9 FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by Valve Reducers Other _____

Reduced flow rate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

- Pumped Describe: Centrifugal

- Bailed

- Other

Pumping Level Below Land Surface

16.7 Ft. After 2 Hrs. pumped 120 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: _____ GPM

REMARKS

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This well was drilled under license # 722 and this report is true and accurate.

Drilling firm: Stretch's Well Service Inc.

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: _____

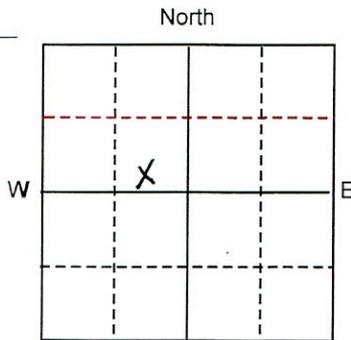
SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SE 1/4 NW 1/4 Sec 1 Twp 108N Rg 64W

County Jerauld

Please mark well location with an "X"



Well Completion Date

2/5/2015



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

PROPOSED USE:

- Domestic/Stock Municipal Business Test holes
 Irrigation Industrial Institutional Monitoring well

METHOD OF DRILLING:

Mud Rotary

CASING DATA:

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>220</u> LB/FT	<u>4</u> IN	<u>0</u> FT	<u>46</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>#20</u>	<u>2</u>	_____ Lb/gal	<u>0</u> Ft	<u>24</u> Ft
		_____ Lb/gal	_____ Ft	_____ Ft

Describe grouting procedure
Tremie Pipe

SCREEN:

Perforated pipe Manufactured
 Diameter 4 Inches Length 20 Feet
 Material PVC
 Slot Size .025 Set From 26 Feet to 46 Feet
 Other information _____

WAS A PACKER OR SEAL USED? Yes No

If so, what material? Enviro Plug
 Describe packer(s) and location
Above Screen

DISINFECTION: Was well disinfected upon completion?

Yes, How? Chlorine
 No, Why Not?
 Lab to which water quality sample sent for analysis _____

Well Owner: _____

Business Name: Swenson Partnership

Address: 38770 235th St.

City, State, Zip: Wessington Springs SD 57382

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Top Soil	0	2
Clay	2	14
Sand and Pea Rock	14	46

STATIC WATER LEVEL _____ 5.4 FEET

If flowing: closed in pressure _____ PSI
 GPM flow _____ through _____ Inch pipe

Controlled by Valve Reducers Other _____

Reduced flow rate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

- Pumped Describe: Submersible
 Bailed
 Other _____

Pumping Level Below Land Surface
5.85 Ft. After 2 Hrs. pumped 30 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: _____ GPM

REMARKS

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This well was drilled under license # 722 and this report is true and accurate.

Drilling firm: Stretch's Well Service Inc.

Signature of License Representative:

Tom Gattness

Signature of Well Owner or Equitable Property Holder:

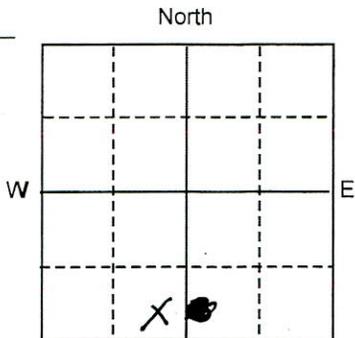
Date: _____

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SW 1/4 SE 1/4 Sec 1 Twp 108N Rg 64W

SE SW
County Jerauld



Well Completion Date

3/2/2015



Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? none ft. from (identify source)

PROPOSED USE:

- Domestic/Stock, Irrigation, Municipal, Industrial, Business, Institutional, Test holes, Monitoring well

METHOD OF DRILLING:

Mud Rotary

CASING DATA:

Steel, Plastic, Other

If other describe PVC

Table with columns: PIPEWEIGHT, DIAMETER, FROM, TO, HOLE DIAMETER. Values: 220 LB/FT, 4 IN, 0 FT, 45 FT, 6 3/4 IN

GROUTING DATA:

Table with columns: Grout Type, No. of Sacks, Grout Weight, From, To. Values: #20, 2, Lb/gal, 0 Ft, 25 Ft

Describe grouting procedure Tremie Pipe

SCREEN:

Perforated pipe, Manufactured, Diameter 4 Inches, Length 20 Feet, Material PVC, Slot Size .025, Set From 25 Feet to 45 Feet

Other information

WAS A PACKER OR SEAL USED?

Yes, No

If so, what material? Enviro Plug

Describe packer(s) and location

Above Screen

DISINFECTION:

Was well disinfected upon completion? Yes, How? Chlorine

Lab to which water quality sample sent for analysis No, Why Not?

Well Owner: Business Name: Swenson Partnership Address: 38770 235th St. City, State, Zip: Wessington Springs SD 57382

WELL LOG table with columns: FORMATION, DEPTH FROM, DEPTH TO. Rows: Top Soil, Clay, Sand and Gravel, Medium Sand and Gravel, Small-Medium Pea Rock

STATIC WATER LEVEL 3.5 FEET

If flowing: closed in pressure PSI

GPM flow through Inch pipe

Controlled by Valve, Reducers, Other

Reduced flow rate GPM

Can well be completely shut in?

WELL TEST DATA:

- Pumped Describe: Centrifical, Bailed, Other

Pumping Level Below Land Surface 10.8 Ft. After 2 Hrs. pumped 130 GPM

Ft. After Hrs. pumped GPM

If pump installed, pump rate: GPM

REMARKS RECEIVED MAY 20 2015 WATER RIGHTS PROGRAM

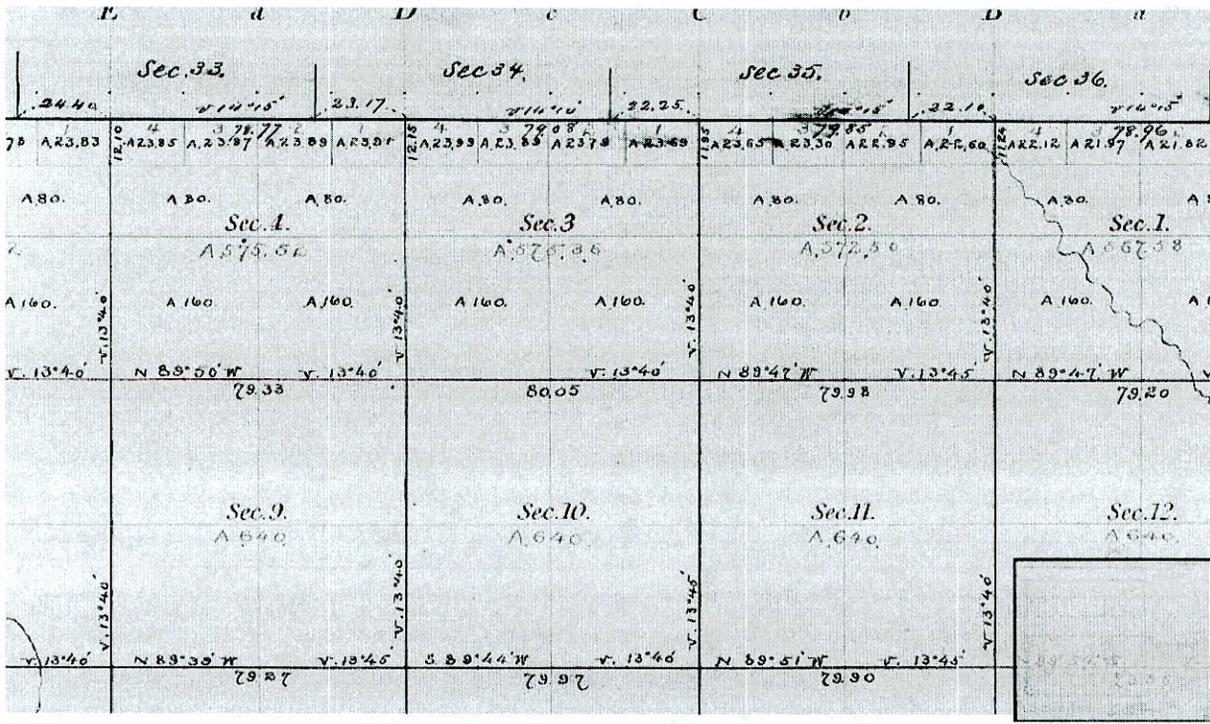
This well was drilled under license # 722 and this report is true and accurate.

Drilling firm: Stretch's Well Service Inc.

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date:



25%

zoom
view

Schlaak, Karen

From: Schlaak, Karen
Sent: Tuesday, June 02, 2015 9:02 AM
To: 'Tim Bottum'
Subject: RE: Todd Swenson Applications

The 3 applications for Todd Swenson are now complete. They will be assigned to a staff member who will prepare a report for each application. Mr. Swenson and you will be notified when it is time for publication of the public notice. Let me know if you have questions.

Karen Schlaak

Water Rights Program
523 E Capitol Ave
Pierre SD 57501
Phone: 605 773-3352

From: Tim Bottum [<mailto:tbottum@morgantheeler.com>]
Sent: Monday, June 01, 2015 4:46 PM
To: Gronlund, Eric; Schlaak, Karen
Subject: Todd Swenson Applications

Eric and Karen,

Attached are the revised pages. Hopefully everything has now been resolved.

Thank you for your help.

Timothy G. Bottum, Esq.
MorganTheeler L.L.P.

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1718 North Sanborn Blvd.
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