

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SW 1/4 NW 1/4 Sec 30 Twp 9N Rg 48W

County

North

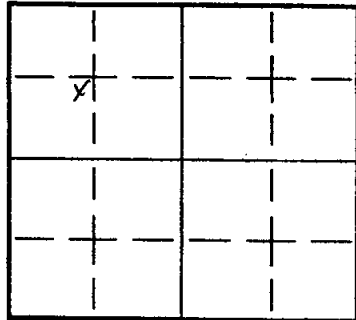
Union

Please mark well location with an "X"

W

E

Well-Completion Date

12-3-12

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 1300 ft. from Septic (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>5CH 40</u> LB/FT	<u>12</u> IN	<u>0</u> FT	<u>126</u> FT	<u>17 1/2</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>Bentonite</u>	_____	_____ lb./gal	<u>30</u> ft.	<u>10</u> ft.
_____	_____	_____ lb./gal	_____ ft.	_____ ft.

Describe grouting procedure Pumped in from bottomSCREEN: ☒ Perforated pipe ☐ ManufacturedDiameter 12 IN Length 46 FEETMaterial PVCSlot Size .60 Set From 80 Feet to 126 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: _____

☒ NO, Why Not? _____

Laboratory sent to for water quality analysis _____

IrrigationWell Owner: Robert Geary

Business Name: _____

Address: 32750 480th Ave.Elk Point, SD 57025

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>Top soil</u>	<u>0</u>	<u>4</u>
<u>Yellow clay</u>	<u>4</u>	<u>9</u>
<u>Grey clay</u>	<u>9</u>	<u>34</u>
<u>Silt</u>	<u>34</u>	<u>42</u>
<u>Clay</u>	<u>42</u>	<u>69</u>
<u>Sand</u>	<u>69</u>	<u>71</u>
<u>Gravel & rocks</u>	<u>71</u>	<u>73</u>
<u>Med gravel & rocks</u>	<u>73</u>	<u>130</u>

STATIC WATER LEVEL 17 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: Not Completed☐ Bailed _____☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate Not Completed _____ GPM

REMARKS

RECEIVED

FEB 11 2013

WATER RIGHTS PROGRAM

This well was drilled under license # 667

And this report is true and accurate.

Drilling firm Dakota Drilling & Backhoe, Inc.

Signature of License Representative:

Vernon DeKor

Signature of Well Owner or Equitable Property Holder:

Date: _____