

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

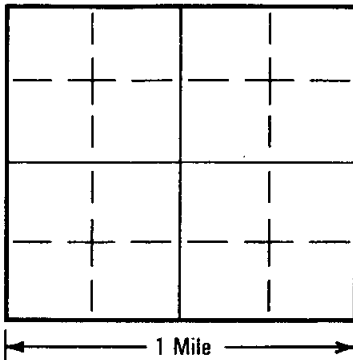
Location N-44°-18'-13" W-108°-46'-14"County LAWRENCE

Please mark well location with an "X"

W

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Well Completion Date

July 30 - 2014

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 100' ft. from Holding Tank (identify source).

PROPOSED USE:

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

METHOD OF DRILLING:

Rotary Air - WaterCASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>200</u> LB/FT	<u>5</u> IN	<u>0</u> FT	<u>146</u> FT	<u>7 7/8</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>Portland</u>	<u>30</u>	<u>9916</u> lb./gal	<u>0</u> ft	<u>146</u> ft
<u>Type I-II</u>		_____ lb./gal	_____ ft	_____ ft

Describe grouting procedure Pressure grout thru casing displace w. water by mud pump to surfaceSCREEN: ☐ 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: ChlorineLaboratory sent to for water quality analysis _____ NO, Why Not? Permitsowner to complete
 Well Owner: Farh Cass
 Business Name: _____
 Address: 16681 Sioux Conifer Rd.
Watertown, SD 57201

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>Fill</u>	<u>0'</u>	<u>30'</u>
<u>HARD BROKEN SHALE</u>	<u>30'</u>	<u>40'</u>
<u>WEATHERED VERY HARD SHALE</u>	<u>40'</u>	<u>65'</u>
<u>HARD BROWN SHALE</u>	<u>65'</u>	<u>80'</u>
<u>DARK GREEN SHALE</u>	<u>80'</u>	<u>120'</u>
<u>HARD RED-BROWN SHALE</u>	<u>120'</u>	<u>140'</u>
<u>GRAY SLIST</u>	<u>140'</u>	<u>160'</u>

STATIC WATER LEVEL 50' 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

120' ft. After 2 Hrs. blew 20 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate 10 GPM GPM

REMARKS

RECEIVED

DEC 16 2014

WATER RIGHTS PROGRAM

This well was drilled under license # 568

And this report is true and accurate.

Drilling firm CIMARRON Drilling IncSignature of License Representative: Michael J. Dettmer

Signature of Well Owner or Equitable Property Holder: _____

Date: _____