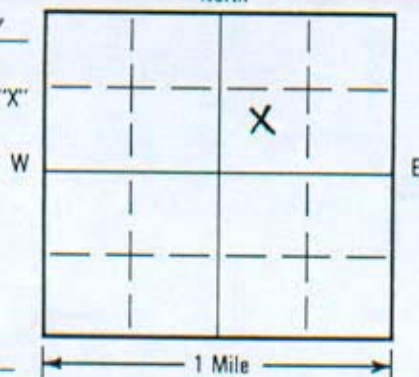


SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SW 1/4 NE 1/4 Sec 24 Twp 92 Rg 52
County Union Clay

Please mark well location with an "X"



Well Completion Date

12-17-97Well Owner: City of Vermillion
Business Name: Vermillion, SD
Address: Vermillion, SD

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>Top Soil</u>	<u>0</u>	<u>3</u>
<u>Clay</u>	<u>3</u>	<u>49</u>
<u>Sand & Gravel</u>	<u>49</u>	<u>118</u>

LOCATION:

Distance from 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:

RotaryCASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>sch 40</u> LB/FT	<u>12</u> IN	<u>98</u> FT	<u>0</u> FT	<u>18 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>ben</u>	<u>50</u>	_____ lb./gal	<u>98</u> ft	<u>20</u> ft
<u>cmf</u>	<u>25</u>	<u>15.5</u> lb./gal	<u>20</u> ft	<u>0</u> ft

Describe grouting procedure TremieSCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 12 IN Length 20 FEETMaterial Stainless SteelSlot Size 50 Set From 118 Feet to 98 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: ce☐ NO, Why Not? _____

Laboratory sent to for water quality analysis _____

STATIC WATER LEVEL 32 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 _____☐ Other _____

Pumping Level Below Land Surface

43 ft. After 24 Hrs. pumped 575 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate 500 GPM

REMARKS

This well was drilled under license # 341

And this report is true and accurate.

Drilling firm Wetmore Drilling

Signature of License Representative: _____

Signature of Well Owner or Equitable Property Holder:

City of Vermillion, Vers Hansenbaude, Water Dept.Date: January 30, 1998