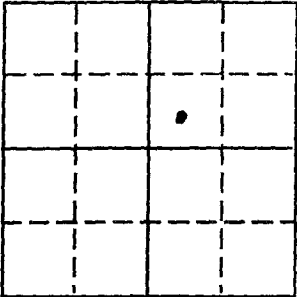


SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location <u>NE 1/4 SW 1/4</u> Sec <u>27</u> Twp <u>37N</u> Rg <u>37W</u> County <u>Brown</u> Please mark well location with an "X"  Well completion Date <u>7-31-11</u> Distance from nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.) ? _____ ft. from _____ (identify source)		Well Owner: <u>Roger Sigul</u> Business Name: _____ Address1: <u>295 E - 210th</u> Address2: _____ City, State, Zip: <u>MARTIN SD 57551</u> WELL LOG: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">FORMATION</th> <th colspan="2">DEPTH</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td><u>Top Soil</u></td> <td><u>0</u></td> <td><u>12</u></td> </tr> <tr> <td><u>Red Rock</u></td> <td><u>12</u></td> <td><u>90</u></td> </tr> <tr> <td><u>Red clay</u></td> <td><u>90</u></td> <td><u>220</u></td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		FORMATION	DEPTH		FROM	TO	<u>Top Soil</u>	<u>0</u>	<u>12</u>	<u>Red Rock</u>	<u>12</u>	<u>90</u>	<u>Red clay</u>	<u>90</u>	<u>220</u>																					
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PROPOSED USE: ☒ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes ☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well		STATIC WATER LEVEL <u>112</u> 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? _____																																				
METHOD OF DRILLING: <u>Water Rotary</u>		WELL TEST DATA: ☒ Pumped Describe: <u> </u> ☐ Bailed _____ ☐ Other _____ Pumping Level Below Land Surface <u>175</u> Ft After <u>8</u> Hrs. pumped <u>12</u> GPM _____ Ft After _____ Hrs. pumped _____ GPM If pump installed, pump rate: _____ GPM																																				
CASING DATA: ☐ Steel ☒ Plastic ☐ Other If other describe <u>PVC</u> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>PIPEWEIGHT</th> <th>DIAMETER</th> <th>FROM</th> <th>TO</th> <th>HOLE DIAMETER</th> </tr> </thead> <tbody> <tr> <td>LB/FT</td> <td><u>5</u> IN</td> <td>FT</td> <td>FT</td> <td><u>10</u> IN</td> </tr> <tr> <td>LB/FT</td> <td>IN</td> <td>FT</td> <td>FT</td> <td>IN</td> </tr> <tr> <td>LB/FT</td> <td>IN</td> <td>FT</td> <td>FT</td> <td>IN</td> </tr> </tbody> </table>		PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER	LB/FT	<u>5</u> IN	FT	FT	<u>10</u> IN	LB/FT	IN	FT	FT	IN	LB/FT	IN	FT	FT	IN	GROUTING DATA: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Grout Type</th> <th>No. of Sacks</th> <th>Grout Weight</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td><u>Cement</u></td> <td><u>3</u></td> <td><u>50</u> Lb/gal</td> <td><u>12</u> Ft</td> <td><u>6</u> Ft</td> </tr> <tr> <td></td> <td></td> <td>Lb/gal</td> <td>Ft</td> <td>Ft</td> </tr> </tbody> </table> Describe grouting procedure <u>Pumped</u>		Grout Type	No. of Sacks	Grout Weight	From	To	<u>Cement</u>	<u>3</u>	<u>50</u> Lb/gal	<u>12</u> Ft	<u>6</u> Ft			Lb/gal	Ft	Ft
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SCREEN: ☒ Perforated pipe ☐ Manufactured Diameter <u>5</u> Inches Length <u>20</u> Feet Material <u>PVC</u> Slot Size <u>0.32</u> Set From <u>220</u> Feet to <u>180</u> Feet Other information _____		REMARKS Good well RECEIVED NOV 19 2012 WATER RIGHTS PROGRAM																																				
WAS A PACKER OR SEAL USED? ☐ Yes ☒ No If so, what material? _____ Describe packer(s) and location _____		This well was drilled under license # <u>473</u> And this report is true and accurate. Drilling firm: <u>Becky Well Drilling</u> Signature of License Representative: _____ Signature of Well Owner or Equitable Property Holder: _____ Date: <u>8-1-11</u>																																				
DISINFECTION: Was well disinfected upon completion? ☒ Yes, How? <u>Chlorine</u> ☐ No, Why Not? _____ Lab sample sent to for water quality analysis _____		Please return White Copy to DENR Water Rights 523 E. Capitol Ave., Pierre SD 57501																																				