

Shawver Well Company, Inc.2700 Stanley Avenue
Fredericksburg, IA 50630**079566**(563) 237-5341
(800) 568-4449

Location of Well Well #13 Spencer, IA 51301 T96N R37W County Clay Township Riverton Section 03 Quarters Customer Information <u>Spencer Municipal Utilities</u> 520 2nd Avenue E, Suite #1 Spencer, IA 51301 Job Information Area FB T96N R37W Confirmation Start Date 1/12/2015 End Date 1/22/2015 Latitude Longitude PWTS # Permit Number 2171071 Warranty Date Warranty	Well Site Information Actual Size 20" Depth 71' Elevation SWL 14.36' RPS Max GPM Pump Inst -- Liner--ft Sulfide --Screen-- Made Water Screen Size 14" Slot Size 80 Riser Pipe Set From Perforated From Tail Pipe Air Lift Exploratory -- To Ft Mock Rock -- Acidize -- Well Use Driller Dave Halweg; Cert #: 2814 Remarks:																																																
Well Formation Log <table border="1"> <thead> <tr> <th>From-To</th> <th>Color</th> <th>Formation</th> </tr> </thead> <tbody> <tr> <td>0 - 2</td> <td></td> <td>Topsoil</td> </tr> <tr> <td>2 - 6</td> <td>Brown</td> <td>Sandy - Clay</td> </tr> <tr> <td>6 - 19</td> <td>Brown</td> <td>Medium Sand</td> </tr> <tr> <td>19 - 23</td> <td></td> <td>Sand - Medium - Coarse</td> </tr> <tr> <td>23 - 41</td> <td>Gray</td> <td>Sand - Fine to Medium</td> </tr> <tr> <td>41 - 54</td> <td>Gray</td> <td>Sand - Medium</td> </tr> <tr> <td>54 - 67</td> <td>Multi-Colored</td> <td>Sand - Medium</td> </tr> <tr> <td>67 - 69</td> <td>White</td> <td>Sand - Coarse</td> </tr> <tr> <td>69 - 71</td> <td>Blue</td> <td>Clay</td> </tr> </tbody> </table>	From-To	Color	Formation	0 - 2		Topsoil	2 - 6	Brown	Sandy - Clay	6 - 19	Brown	Medium Sand	19 - 23		Sand - Medium - Coarse	23 - 41	Gray	Sand - Fine to Medium	41 - 54	Gray	Sand - Medium	54 - 67	Multi-Colored	Sand - Medium	67 - 69	White	Sand - Coarse	69 - 71	Blue	Clay	Bore Log <table border="1"> <thead> <tr> <th>From-To</th> <th>Bit Size - Number</th> </tr> </thead> <tbody> <tr> <td>0 - 19</td> <td>26"</td> </tr> <tr> <td>19 - 71</td> <td>12 1/4"</td> </tr> </tbody> </table> Well Casing Log <table border="1"> <thead> <tr> <th>From-To</th> <th>Casing</th> </tr> </thead> <tbody> <tr> <td>0 - 46</td> <td>20" x Steel</td> </tr> </tbody> </table> Screen Size 14" Slot Size 80 Riser Pipe Set From Tail Pipe Well Grout Used <table border="1"> <thead> <tr> <th>Amount</th> <th>Type</th> </tr> </thead> <tbody> <tr> <td>55 sacks</td> <td>Neat Cement</td> </tr> <tr> <td>6 sacks</td> <td>Holeplug</td> </tr> <tr> <td>9 sacks</td> <td>EZ Seal</td> </tr> </tbody> </table>	From-To	Bit Size - Number	0 - 19	26"	19 - 71	12 1/4"	From-To	Casing	0 - 46	20" x Steel	Amount	Type	55 sacks	Neat Cement	6 sacks	Holeplug	9 sacks	EZ Seal
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