

Shawver Well Company, Inc.

2700 Stanley Avenue
Fredericksburg, IA 50630

76906

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(800) 568-4449

Location of Well 24228 River View Road Cascade, IA 52033 County Jones Township Washington Section 05 Quarters SWNW Customer Information <u>John & Annette Rogers</u> 24228 River View Road Cascade, IA 52033 Job Information Area FB Confirmation Start Date 12/26/2013 End Date 12/27/2013 Latitude 42.292465 Longitude -90.994616 PWTS # 2172666 Warranty Date Permit Number 40807 Warranty	Well Site Information Actual Size 7" Pump Inst -- Liner--ft Depth 211' Sulfide -- Screen-- Elevation 850 SWL 56' RPS 100' @ 6 GPM Max GPM 8 Air Lift 211' @ Made Water 105'-110' 8 Screen Size GPM; 100' @ 6 GPM Exploratory -- To Slot Size Ft -- Mock Rock Acidize Riser Pipe Well Use Set From Perforated From Tail Pipe Driller Craig Erickson; Cert #: 7918 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 - 3</td> <td>Brown</td> <td>Clay</td> </tr> <tr> <td>3 - 6</td> <td>Brown</td> <td>Sand</td> </tr> <tr> <td>6 - 17</td> <td>Red</td> <td>Clay</td> </tr> <tr> <td>17 - 20</td> <td>Tan</td> <td>Limestone - Soft</td> </tr> <tr> <td>20 - 105</td> <td>Buff - Tan</td> <td>Limestone</td> </tr> <tr> <td>105 - 110</td> <td>Brown</td> <td>Limestone - Soft</td> </tr> <tr> <td>110 - 211</td> <td>Buff - Gray</td> <td>Limestone</td> </tr> </tbody> </table>	From-To	Color	Formation	0 - 3	Brown	Clay	3 - 6	Brown	Sand	6 - 17	Red	Clay	17 - 20	Tan	Limestone - Soft	20 - 105	Buff - Tan	Limestone	105 - 110	Brown	Limestone - Soft	110 - 211	Buff - Gray	Limestone	Bore Log <table border="1"> <thead> <tr> <th>From-To</th> <th>Bit Size - Number</th> </tr> </thead> <tbody> <tr> <td>0 - 21</td> <td>12 1/4"</td> </tr> <tr> <td>21 - 87</td> <td>9 7/8"</td> </tr> <tr> <td>21 - 211</td> <td>6 3/8"</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 - 87</td> <td>7" x .272" Steel</td> </tr> <tr> <td>2 - 0</td> <td>7" x .272" Steel</td> </tr> </tbody> </table> Screen Size Slot Size 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>8 sacks</td> <td>EZ Seal</td> </tr> <tr> <td>6 sacks</td> <td>Neat Cement</td> </tr> </tbody> </table>	From-To	Bit Size - Number	0 - 21	12 1/4"	21 - 87	9 7/8"	21 - 211	6 3/8"	From-To	Casing	0 - 87	7" x .272" Steel	2 - 0	7" x .272" Steel	Amount	Type	8 sacks	EZ Seal	6 sacks	Neat Cement
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