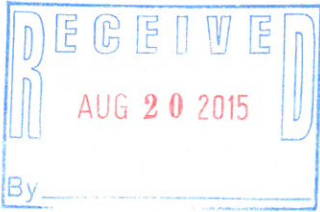


80402

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

Location of Well Well #2 On Frankville Road Frankville, IA 52162 Customer Information <u>City of Frankville</u> Frankville, IA 52162 Job Information Area FB Latitude 43.184223 Longitude -91.614075 PWTS # Permit Number Confirmation Start Date 7/31/2015 End Date 8/11/2015 Warranty Date Warranty	Well Site Information Actual Size 8.625" Depth 867' Elevation 1214 SWL RPS Max GPM Air Lift 2 hrs @ 60-110 GPM Exploratory -- To Ft Mock Rock -- Acidize -- Well Use Driller Dave Halweg ; Cert #: 2814 Remarks:																																																																																																	
Well Formation Log <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">From-To</th> <th style="text-align: left;">Color</th> <th style="text-align: left;">Formation</th> </tr> </thead> <tbody> <tr><td>0 - 1</td><td></td><td>Topsoil</td></tr> <tr><td>1 - 16</td><td>Brown</td><td>Clay - Soft</td></tr> <tr><td>16 - 17</td><td>Yellow</td><td>Limestone</td></tr> <tr><td>17 - 27</td><td>Yellow</td><td>Clay</td></tr> <tr><td>27 - 32</td><td>Yellow</td><td>Limestone - Shale - Clay</td></tr> <tr><td>32 - 33</td><td>Yellow</td><td>Limestone</td></tr> <tr><td>33 - 39</td><td>Yellow</td><td>Limestone - Soft</td></tr> <tr><td>39 - 84</td><td>Blue</td><td>Shale - Rock</td></tr> <tr><td>84 - 119</td><td>Brown</td><td>Shale</td></tr> <tr><td>119 - 341</td><td>Light Brown</td><td>Limestone</td></tr> <tr><td>341 - 354</td><td>Blue - Green</td><td>Shale</td></tr> <tr><td>354 - 381</td><td>Brown - Gray</td><td>Shale Rock</td></tr> <tr><td>381 - 390</td><td>Blue</td><td>Shale - Soft</td></tr> <tr><td>390 - 423</td><td>Gray - Brown</td><td>Limestone</td></tr> <tr><td>423 - 432</td><td>Blue</td><td>Shale</td></tr> <tr><td>432 - 501</td><td></td><td>Sandstone</td></tr> <tr><td>501 - 509</td><td></td><td>Limestone & Sandstone Mix</td></tr> <tr><td>509 - 516</td><td>Brown</td><td>Limestone & Shale</td></tr> <tr><td>516 - 534</td><td>Brown</td><td>Limestone</td></tr> <tr><td>534 - 584</td><td></td><td>Limestone & Sandstone Mix</td></tr> <tr><td>584 - 618</td><td>Crema</td><td>Limestone</td></tr> <tr><td>618 - 804</td><td>Gray - Brown</td><td>Limestone & Sandstone</td></tr> <tr><td>804 - 864</td><td>White</td><td>Sandstone</td></tr> <tr><td>864 - 867</td><td>Gray</td><td>Limestone</td></tr> </tbody> </table>	From-To	Color	Formation	0 - 1		Topsoil	1 - 16	Brown	Clay - Soft	16 - 17	Yellow	Limestone	17 - 27	Yellow	Clay	27 - 32	Yellow	Limestone - Shale - Clay	32 - 33	Yellow	Limestone	33 - 39	Yellow	Limestone - Soft	39 - 84	Blue	Shale - Rock	84 - 119	Brown	Shale	119 - 341	Light Brown	Limestone	341 - 354	Blue - Green	Shale	354 - 381	Brown - Gray	Shale Rock	381 - 390	Blue	Shale - Soft	390 - 423	Gray - Brown	Limestone	423 - 432	Blue	Shale	432 - 501		Sandstone	501 - 509		Limestone & Sandstone Mix	509 - 516	Brown	Limestone & Shale	516 - 534	Brown	Limestone	534 - 584		Limestone & Sandstone Mix	584 - 618	Crema	Limestone	618 - 804	Gray - Brown	Limestone & Sandstone	804 - 864	White	Sandstone	864 - 867	Gray	Limestone	Bore Log <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">From-To</th> <th style="text-align: left;">Bit Size - Number</th> </tr> </thead> <tbody> <tr><td>0 - 29</td><td>17"</td></tr> <tr><td>29 - 562</td><td>12 1/2"</td></tr> <tr><td>562 - 867</td><td>7 7/8"</td></tr> </tbody> </table> Well Casing Log <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">From-To</th> <th style="text-align: left;">Casing</th> </tr> </thead> <tbody> <tr><td>0 - 29</td><td>13" x</td></tr> <tr><td>0 - 562</td><td>8 5/8" OD x .322 wall, A53B, steel casing</td></tr> <tr><td>1 - 0</td><td>13" x</td></tr> <tr><td>3 - 0</td><td>8 5/8" OD x .322 wall, A53B, steel casing</td></tr> </tbody> </table> Screen Size Slot Size Riser Pipe Set From Tail Pipe Well Grout Used <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Amount</th> <th style="text-align: left;">Type</th> </tr> </thead> <tbody> <tr> <td>276 sacks</td> <td>Neat Cement</td> </tr> </tbody> </table> 	From-To	Bit Size - Number	0 - 29	17"	29 - 562	12 1/2"	562 - 867	7 7/8"	From-To	Casing	0 - 29	13" x	0 - 562	8 5/8" OD x .322 wall, A53B, steel casing	1 - 0	13" x	3 - 0	8 5/8" OD x .322 wall, A53B, steel casing	Amount	Type	276 sacks	Neat Cement
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