

Mud Rotary Drilling
Andrew King - Manager/Driller

Bar Drilling, LLC
Phone: (719) 210-8806

1317 105th Rd.
Yates Center, KS 66783

Company/Operator Ron-Bob Oil 1607 Main St Neosho Falls, KS 66758		Well No. 11		Lease Name Leis		Well Location 4315fs/3520fel		1/4 NE		1/4 SW		1/4 NE		Sec. 12		Twp. 25S		Rge, 15E			
Well API # 15-207-28845		Type/Well Oil		County Woodson		State KS		Total Depth 1462		Date Started 2/21/2014		Date Completed 2/25/2014									
Job/Project Name/No.				Surface Record				Bit Record				Coring Record									
Driller/Crew Andy King		Bit Size: 11 1/4		PDC		Size 11 1/4		From 0'		To 40'		Core #		Size		From		To		% Rec.	
Casing Size: 8 5/8		PDC		6 3/4		40'		1462'													
Casing Length: 40																					
Cement Used: 10sx																					
Cement Type: Portland																					

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	2	soil	659	670	shale	1102	1378	shale			
2	11	shale	670	677	lime	1378	1385	black shale			
11	15	lime	677	843	shale	1385	1408	dark shale			
15	25	shale	843	850	lime	1408	1411	Riverton			
25	29	lime	850	859	shale						
29	203	shale	859	862	lime						
203	259	lime	862	870	sandy shale						
259	171	shale	870	881	lime						
171	353	lime	881	925	sandy shale						
353	365	shale	925	944	lime						
365	376	soft lime	944	953	shale						
376	435	lime	953	959	lime						
435	468	shale	959	969	shale						
468	486	lime	969	984	lime						
486	530	shale	984	998	shale						
530	539	lime	998	1029	lime						
539	545	shale	1029	1033	mulky						
545	569	lime	1033	1039	oil show						
569	578	shale	1039	1041	broken oil sand						
578	618	lime	1041	1051	oil sand						
618	634	shale	1051	1055	broken sand less oil						
634	647	lime	1055	1083	shale						
647	654	black shale	1083	1099	oil show						
654	659	lime	1099	1102	sandy shale no oil						

Well Notes:

Hurricane Services, Inc.
 3613 A Y Road
 Madison, KS 66860
 Office # 620-437-2661
 Brad Cell # 620-437-6765



Ticket Number 100365
 Location Madison
 Foreman Brad Butler

Cement Service ticket

Date	Customer #	Well Name & Number	Sec./Township/Range	County
2-25-14		Leis # 11	12-25-15E	Woodson
Customer Row - Bob Oil		Mailing Address	City State Zip	

Job Type: <u>LongString</u>	Truck #	Driver
Hole Size: <u>6 3/4"</u>	<u>201</u>	<u>Kelly</u>
Hole Depth: <u>1462'</u>	<u>202</u>	<u>Jerry</u>
Bridge Plug:	<u>111</u>	<u>Arnold</u>
Packer:	<u>842-157</u>	<u>Byron</u>
Casing Size: <u>4 1/2"</u>	Displacement: <u>19 Bbls</u>	
Casing Weight: <u>used Pipe</u>	Displacement PSI: <u>550</u>	
Tubing:	Cement Left in Casing: <u>0'</u>	
PBTD: <u>1203'</u>		

Quantity Or Units	Description of Services or Product	Pump charge	
<u>40</u>	Mileage	\$3.25/Mile	<u>130.00</u>
<u>127 SACKS</u>	<u>ThickSet cement</u>	<u>18.60</u>	<u>2362.20</u>
<u>635 lbs.</u>	<u>KOI-SEAL 5" P/SK</u>	<u>.65</u>	<u>412.75</u>
<u>300 lbs</u>	<u>Gel Flush</u>	<u>.30</u>	<u>90.00</u>
<u>3 1/2 Hrs</u>	<u>Water Truck</u>	<u>84.00</u>	<u>294.00</u>
<u>4 Hrs</u>	<u>Water Transport</u>	<u>105.00</u>	<u>420.00</u>
<u>40 miles</u>	<u>Truck # 11</u>	<u>1.50</u>	<u>60.00</u>
	<u>wireline services</u>	<u>50.00</u>	<u>N/A</u>
<u>7.3 Tons</u>	<u>Bulk Truck</u>	<u>1.30</u>	<u>379.60</u>
<u>1</u>	<u>Plugs 4 1/2" Top Rubber Plug</u>	<u>38.00</u>	<u>38.00</u>
		Subtotal	<u>4976.55</u>
		Sales Tax <u>7.15%</u>	<u>207.56</u>
		Estimated Total	<u>5184.11</u>

Remarks: Note! Plug well back with 35 sacks cement / Provided by customer. run 4 1/2" casing
Rig up to 4 1/2" casing - Taped float shoe at 1203' by wireline. Break circulation with fresh water
Pumped 15 Bbl. Gel Flush, circulated Gel around to condition hole. Pumped 10 Bbl. Dry Water Ahead
Mixed 127 sacks ThickSet cement w/ 5" P/SK of KOI-SEAL. shutdown - washout pump & lines.
Release Top Rubber Plug - Displace Plug with 19 Bbls water. Final Pumping at 550 PSI
Pumped plug to 1100 PSI, Release Pressure - float held, close casing w/ O.P.S.E
Good cement returns with 4 Bbl slurry "Thank you"
called by Bob