

Mud Rotary Drilling  
Andrew King - Manager/Driller

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

1317 105th Rd.  
Yates Center, KS 66783

<b>Company/Operator</b> Ron-Bob Oil 1607 Main St Neosho Falls, KS 66758		<b>Well No.</b> 2	<b>Lease Name</b> Leis	<b>Well Location</b> 450fs/2325fel	<b>1/4</b> NW	<b>1/4</b> SW	<b>1/4</b> SW	<b>Sec.</b> 1	<b>Twp.</b> 25S	<b>Rge,</b> 15E
<b>Well API #</b> 15-207-28844		<b>Type/Well</b> Oil	<b>County</b> Woodson	<b>State</b> KS	<b>Total Depth</b> 1362'	<b>Date Started</b> 2/25/2014	<b>Date Completed</b> 2/27/2014			
<b>Job/Project Name/No.</b>		<b>Surface Record</b>		<b>Bit Record</b>			<b>Coring Record</b>			
<b>Driller/Crew</b>	<b>Bit Size:</b>	<b>Type</b>	<b>Size</b>	<b>From</b>	<b>To</b>	<b>Core #</b>	<b>Size</b>	<b>From</b>	<b>To</b>	<b>% Rec.</b>
Andy King	11 1/4	PDC	11 1/4	0'	40'					
	<b>Casing Size:</b>	<b>PDC</b>	<b>6 3/4</b>	<b>40'</b>	<b>1556'</b>					
	<b>Casing Length:</b>									
	<b>Cement Used:</b>									
	<b>Cement Type:</b>									

<b>From</b>	<b>To</b>	<b>Formation</b>	<b>From</b>	<b>To</b>	<b>Formation</b>	<b>From</b>	<b>To</b>	<b>Formation</b>
0	2	soil	1126	1144	sandy shale			
2	248	clay/shale	1144	1145	lime			
248	304	lime	1145	1154	shale			
304	385	shale	1154	1200	sandy shale			
385	480	lime	1200	1234	shale			
480	513	shale	1234	1235	lime			
513	720	lime	1235	1239	black shale			
720	901	shale	1239	1362	grey sandy shale			
901	919	lime						
919	928	shale						
928	941	lime						
941	971	sandy shale						
971	985	lime						
985	994	shale						
994	1019	lime						
1019	1029	sandy shale						
1029	1050	lime						
1050	1065	shale						
1065	1075	lime						
1075	1114	broken lime/shale						
1114	1116	oil show						
1116	1119	better sand						
1119	1123	broken sand oil show						
1123	1126	badly broken sand						

**Well Notes:**



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



Ticket Number 100367  
 Location Madison  
 Foreman Brad Butler

**Cement Service ticket**

Date	Customer #	Well Name & Number	Sec./Township/Range	County
2-28-14		Leis # 2		Woodson
Customer Row - Bob Oil		Mailing Address	City	State Zip

Job Type:	Truck #	Driver
Longstring	201	Kelly
Hole Size: 6 3/4"	202	Jerry
Casing Size: 4 1/2"	106	Charlie
Hole Depth: 1362'	144-150	Byron
Casing Weight: Used Pipe		
Displacement: 2 1/2 Bbls		
Displacement PSI: 550		
Bridge Plug:		
Tubing:		
Cement Left in Casing: 0'		
Packer:		
PBTD: 1350'		

Quantity Or Units	Description of Services or Product	Pump charge	
40	Mileage	\$3.25/Mile	790.00
			130.00
143 sacks	Thick Set Cement	18.60	2659.80
715 lbs.	KOI-SEAL 5" PVC SK	.65	464.75
300 lbs	Gel Flush	.30	90.00
3 1/2 Hrs	Water Truck	84.00	294.00
3 Hrs	Water Transport	105.00	315.00
40 miles	Truck #11	1.50	60.00
	Wireline Services	50.00	N/C
8.2 Tons	Bulk Truck	1.30	426.40
1	Plugs 4 1/2" Top Rubber Plug	38.00	38.00
		Subtotal	5267.95
		7.5%	Sales Tax 232.55
			Estimated Total 5500.55

Remarks: Rig up to 4 1/2" casing - Tagged float shoe at 1350' by wireline.  
 Break circulation with fresh water, Pumped 15 Bbl Gel Flush, circulated Gel around to condition  
 Hole, Pumped 11 Bbl Dry water ahead, Mixed 143 sacks Thick Set cement w/ 5" PVC of KOI-SEAL,  
 Shutdown - washout Pump lines, Release Top Rubber Plug, Displaced Plug with 2 1/2 Bbl water,  
 Final Pumping at 550 PSI, Pumped Plug to 1100 PSI, Release Pressure - Float Held  
 close casing in with 0 PSI Good cement returns with 6 Bbl slurry  
 "Thank you"  
 called by Bob

Customer Signature