

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		Well No. 3	Lease Name Cantrell		Well Location 1155S, 5115E		1/4 SW	1/4 NW	1/4 NW	Sec. 11	Twp. 24	Rge, 16E	
1607 Main St Neosho Falls, KS 66758		Well API # 15-207-28704	Type/Well Oil		County Woodson		State KS	Total Depth 1100		Date Started 5/3/2014	Date Completed 5/4/2014		
Job/Project Name/No.			Surface Record			Bit Record			Coring Record				
Driller/Crew Andy King			Bit Size: 11 1/4	From 0'	To 40'	Type PDC	Size 11 1/4	From 0'	To 40'	Core #	From	To	% Rec.
			Casing Size: 7"	From 40'	To 1100'	Type PDC	Size 5 7/8	From	To	Core #	From	To	% Rec.
			Casing Length: 40'	From	To	Type	Size	From	To	Core #	From	To	% Rec.
			Cement Used: 10sx	From	To	Type	Size	From	To	Core #	From	To	% Rec.
			Cement Type: Portland	From	To	Type	Size	From	To	Core #	From	To	% Rec.

From	To	Formation	From	To	Formation	From	To	Formation
0	14	over burden	1033	1034	oil sand			
14	154	shale	1034	1037	broken sand			
154	387	lime	1037	1039	badly broken sand			
387	408	shale	1039		shale			
408	442	lime						
442	487	shale						
487	635	lime						
635	808	shale						
808	815	lime						
815	830	sandy shale						
830	839	lime						
839	931	sandy shale						
931	942	lime						
942	954	shale						
954	965	lime						
965	973	shale						
973	990	lime						
990	993	shale						
993	997	lime						
997	1003	mulkey shale						
1003	1029	sandy shale						
1029	1030	lime						
1030	1032	shale						
1032	1033	lime						

Well Notes:

Ran 1095' 2 7/8" casing.

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



Ticket Number 100395
 Location Madison
 Foreman Brad Butler

Cement Service ticket

Date	Customer #	Well Name & Number	Sec./Township/Range	County
5-5-14		Cartrell "3"	11-24-16E	Woodson
Customer		Mailing Address	City	State Zip
Ron-Bob Oil				

Job Type:	Longstring			Truck #	Driver
Hole Size:	5 7/8"	Casing Size:		201	Jerry
Hole Depth:	1100'	Casing Weight:		203	Bryan
Bridge Plug:		Tubing:	2 7/8"	105	Cherlie
Packer:		PBTD:	1095'	106	Mark

Quantity Or Units	Description of Services or Product	Pump charge	
		790.00	
30	Mileage	\$3.25/Mile	97.50
117 SACKS	ThickSet cement	18.60	2176.20
200 lbs	Gel Flush	.30	60.00
3 1/2 Hrs	WATER Truck	84.00	294.00
3 1/2 Hrs	WATER Truck	84.00	294.00
30 miles	Truck #11	1.50	45.00
Tons	Bulk Truck > minimum charge	1.30	300.00
2	Plugs 2 7/8" Top Rubber	25.00	50.00
		Subtotal	4106.70
		7.15%	Sales Tax 163.46
		Estimated Total	4270.16

Remarks: Rig up to 2 7/8" Tubing, Break circulation with 5 Bbls water, Pumped 10 Bbl. Gel Flush, circulated Gel around to condition Hole. Mixed 117 sks. ThickSet cement at 13.4 lb P/GAL, (shut down) Washout Pump valves, Release 2-Top Rubber Plugs - Displaced Plugs with 6 1/4 Bbls WATER. Final Pumping @ 500PSI - Bumped Plugs To 1000PSI - closed Tubing w/ 1000 PSI Good cement returns with 5 Bbl Slurry

"Thank you"

Witnessed by RON
 Customer Signature