

Air Drilling
Specialist
Oil and Gas Wells



M.O.K.A.T. DRILLING
Office Phone: (620) 879-5377



P.O. Box 590
Caney, KS 67333

Operator CARROLL ENERGY LLC		Well No. 34-D4	Lease FARWELL		Loc. 1/4 1/4 1/4	Sec. 34	Twp. 28	Rge. 16				
County WILSON		State KS	Type/Well	Depth 1238'	Hours	Date Started 5-5-14	Date Completed 5-6-14					
Job No.	Casing Used 45' 8 5/8"	Bit Record				Coring Record						
Driller TOOTIE	Cement Used	Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.
Driller	Rig No.			6 3/4"								
Driller	Hammer No.											

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	8	LIME	783	800	LIME	1070	1160	SHALE			
8	99	SHALE	800	832	SHALE	1160	1163	COAL			
99	125	LIME	832	854	LIME (OIL ODOR)	1163	1170	SHALE			
125	132	SANDY SHALE	837		GAS TEST (SAME)	1163		GAS TEST (SAME)			
132	150	LIME	854	858	BLK SHALE	1170	1184	MISS CHAT			
150	242	LIMEY SHALE	858	866	LIME	1184	1208	LIME			
242	260	SAND (OIL ODOR)	866	877	BLK SHALE COAL	1208	1216	CHERT			
260	290	SANDY SHALE	877	879	LIME	1216	1238	LIME			
290	320	SHALE	879	880	SHALE	1238		GAS TEST (SAME)			
320	326	LIME	880	885	SAND (OIL ODOR)						
326	358	SHALE	887		GAS TEST (SAME)			T.D. 1238'			
336		GAS TEST (LIGHT BLOW)	885	893	SANDY SHALE						
358	453	LIME	893	895	LIME						
453	458	SAND	895	898	SHALE						
458	460	LIME	898	905	SAND						
460	500	SANDY SHALE	905	926	SHALE						
461		GAS TEST (SAME)	926	928	COAL						
500	520	LIME	928	947	SHALE						
520	532	SHALE	947	948	COAL						
532	565	LIME	948	1001	SHALE						
565	575	BLK SHALE	963		GAS TEST (SAME)						
575	582	SHALE	1001	1002	COAL						
582	590	LIME	1002	1020	SHALE						
587		GAS TEST (1.5# 1/4")	1020	1021	COAL						
590	621	SHALE	1021	1023	SHALE						
621	638	LIME	1023	1028	SAND (OIL ODOR)						
638	658	SHALE	1028	1051	SHALE						
658	670	LIME	1051	1055	BLK SHALE						
670	678	SHALE	1055	1060	SHALE						
678	690	SAND (OIL ODOR)	1063		GAS TEST (SAME)						
690	783	SHALE	1060	1070	SANDY SHALE						