Air Drilling
Specialist
Oil and Gas Wells

M.O.K.A.T. DRILLING

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Caney, KS 67333

Operator	Well No.	Lease	Loc.	1/4	1/4	1/4	Sec.	Twp.	Rge.
THE RAVEN CO., LLC	23	ALLEN					7	34	14

County	State	Type/Well	Depth	Hours	Date Started	Date Completed
MONTGOMERY	KS		837'		8/19/13	8/20/13

Job No.	Casing Used	Bit Record					Coring Record					
	23' 8 5/8"	Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.
Driller: TOOTIE	Cement Used: 4			6 3/4"								
Driller	Rig No.											
Driller	Hammer No.											

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	23	SURFACE									
23	26	LIME									
26	32	SANDY SHALE									
32	36	LIME									
36	52	SHALE									
52	63	LIME / SHALE									
63	80	SAND / SANDY SHALE (WATER)									
80	180	SANDY SHALE / SHALE									
180	186	LIME									
186	200	SANDY SHALE									
200	280	SAND (WATER)									
280	320	SHALE									
320	406	SAND (WATER)									
406	408	LIME									
408	465	SHALE									
465	470	LIME									
470	520	SAND									
520	650	SHALE									
650	663	LIME									
663	665	SHALE									
665	689	SAND (WAYSIDE)(OIL ODOR)									
689	727	SHALE									
727	760	LIME (ALTAMONT)									
760	761	SHALE									
761	778	SAND									
775		OIL ODOR									
778	782	SANDY SHALE									
782	837	SHALE									
		T.D. 837'									