Air Drilling
Specialist
Oil and Gas Wells

M.O.K.A.T. DRILLING

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Operator	Well No.	Lease	Loc.	1/4	1/4	1/4	Sec.	Twp.	Rge,
KANSAS MB PROJECT, LLC	MB-1	WALTER MOORE							

County	State	Type/Well	Depth	Hours	Date Started	Date Completed
CHAUTAUQUA	KS		1817'		9/22/14	9/24/14

Job No.	Casing Used	Bit Record					Coring Record					
	45' 8 5/8"	Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.
Driller: TOOTIE	Cement Used: 9			6 3/4"								
Driller	Rig No.											
Driller	Hammer No.											

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	45	SURFACE	953	1035	SHALE	1468	1472	GREY SHALE			
45	148	SHALE	1035	1057	LIME (PAWNEE)(OIL ODOR)	1472	1474	LIME			
148	165	LIME/SAND	1057	1085	SANDY SHALE/ SAND	1474	1494	SHALE			
165	170	SANDY SHALE	1085	1140	SHALE	1494	1503	SAND			
170	204	SHALE	1140	1172	LIME (OSWEGO)	1503	1508	SHALE W/ SAND STREAKS			
204	213	LIME	1172	1180	BLACK SHALE	1508	1553	SHALE			
213	218	SANDY SHALE	1180	1198	LIME	1553	1561	BLACK SHALE			
218	230	SAND/LIME (WATER)	1198	1207	BLACK SHALE	1561	1571	SHALE			
230	245	SHALE	1207	1218	LIME	1571	1589	BLACK SHALE			
245	247	LIME	1218	1245	SHALE	1589	1600	SHALE			
247	385	SHALE	1245	1260	SANDY SHALE	1600	1612	SAND (LIGHT ODOR)			
385	400	SAND/ SANDY SHALE	1260	1263	SHALE	1612	1615	SHALE			
400	430	SANDY SHALE	1263	1274	SAND	1615	1632	CHAT/ LIME (MISSISSIPPI)			
430	440	SAND	1274	1283	SHALE	16321	1650	WHITE LIME/ CHAT			
440	465	SANDY SHALE	1283	1284	COAL	1650	1709	BROWN LIME/ WHITE SOFT			
465	467	COAL	1284	1313	SHALE	1709	1710	BROWN LIME HARD			
467	535	SHALE	1313	1314	LIME	1710	1795	BLACK LIME			
535	542	SAND	1314	1330	SHALE	1795	1800	LIMEY SHALE			
542	543	LIME	1330	1384	SHALE	1800	1817	CHAT			
543	640	SHALE	1384	1386	COAL						
640	645	SAND	1386	1396	SAND			T.D. 1817'			
645	650	SANDY SHALE	1396	1400	SANDY SHALE						
650	670	SAND (OIL ODOR)	1400	1410	SAND						
670	822	SHALE	1410	1411	SHALE/ COAL						
822	831	LIME	1411	1427	SHALE/ SANDY SHALE						
831	881	SHALE	1427	1428	COAL						
881	894	LIME (ALTAMONT)	1428	1432	SHALE						
894	896	SHALE	1432	1435	COAL						
896	912	LIME/ SHALE	1435	1460	SHALE						
912	917	SHALE	1460	1462	LIME						
917	953	SAND (GAS & OIL ODOR)	1462	1468	BLACK SHALE						