



Operator:
Grand Mesa Operating Co.
Wichita, KS

Rolf #14-15
Coffey Co., KS
10-22S-16E
API: 031-23863

Spud Date:	5/15/2014	Surface Bit:	11.0"
Surface Casing:	8.625"	Drill Bit:	6.25"
Surface Length:	42.90'	Longstring:	1075.80'
Surface Cement:	Consolidated	Longstring Date:	5/19/2014
Longstring:	2 7/8" EUE - Used GMOC	Seat Nipple:	

Driller's Log

Top	Bottom	Formation	Comments
0	25	Soil & clay	
25	32	Gravel & Sand	
32	35	Shale	
35	44	Lime	
44	7071	Shale	
7071	237	Lime	
237	382	Shale	
382	369	Lime	
369	375	Shale	
375	435	Lime	
435	451	Lime	
451	463	Shale	
463	497	Lime	
497	500	Shale	
500	505	Lime	
505	512	Shale	
512	516	Red Bed	
516	548	Shale	
548	550	Coal	
550	638	Lime	
638	641	Shale	
641	658	Lime	
658	695	Shale	
695	700	Lime	

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700	824	Shale	
824	826	Lime	
826	833	Shale	
833	856	Lime	
856	865	Shale	
865	868	Lime	
868	906	Shale	
906	910	Lime	
910	914	Shale	
914	916	Lime	
916	932	Shale	
932	938	Lime	
938	953	Shale	
953	962	Lime	
962	975	Shale	
975	978	Lime	
978	987	Shale	
987	993	Lime	5'
993	1027	Shale	
1027	1027.5	Sand	
1027.5	1028	Sand	Good oil saturation
1028	1029	Sand	Good oil saturation
1029	1033	Sand	Dark sand, light oil show
1033	1046	Sand	Dark sand, no oil show
1046	1056	Sandy Shale	
1056	1074	Shale	
1074	1076	Coal	
1076	1102	Sandy Shale	
1102		TD	

Coring		
Run	Footage	Rec.
1	1022-1042	16'