



Operator:
Grand Mesa Operating Co.
Wichita, KS

Schmidt 13-15

Douglas Co., KS
15-14S-20E
API: 045-22248

Spud Date: 11/24/2014
Surface Casing: 7.0"
Surface Length: 40
Surface Cement: 8 sx
Longstring: 2-7/8EUE

Surface Bit: 11.0"
Drill Bit: 6.125"
Longstring: 760.0'
Longstring Date: 11/26/2014

Driller's Log

Top	Bottom	Formation	Comments
0	18	Soil & clay	
18	24	Shale	
24	40	Lime	
40	55	Sandy shale	
55	65	Lime	
65	73	Sandy shale	
73	81	Shale	
81	88	Lime	
88	92	Shale	
92	95	Lime	
95	114	Sandy shale	
114	145	Shale	
145	147	Lime	
147	160	Shale	
160	162	Lime	
162	225	Shale	
225	238	Lime	
238	245	Shale	
245	251	Lime	
251	272	Shale	
272	278	Lime	
278	290	Shale	
290	296	Lime	
296	325	Shale	

Schmit 13-15
Douglas Co., KS

325	353	Lime	
353	357	Bl. Shale	
357	363	Shale	
363	394	Lime	
394	396	Bl. Shale	
396	418	Lime	
418	530	Shale	
530	537	Sandy shale	
537	555	Shale	
555	559	Lime	
559	575	Sandy shale	light oil bleed bottom, mostly odor
575	581	Lime	
581	586	Shale	
586	590	Lime	
590	600	Bl. Shale	
600	608	Lime	
608	620	Shale	
620	623	Lime	
623	627	Bl. Shale	
627	646	Lime	
646	656	Shale	
656	658	Bl. Shale	
658	660	Shale	
660	663	Lime	
663	669	shale	
669	672	Bl. Shale	
672	684	Shale	
684	690	Sand	Laminated, shows fair oil, great bleed @ 688-689
690	782	Shale	
782		TD	

Coring		
Run	Footage	Rec.
1	679-699	20
2		
3		