



Operator:
Grand Mesa Operating Co.
Wichita, KS

Schmit 1-13
Douglas Co., KS
22-14S-20E
API: 045-22247

Spud Date: 11/20/2014
Surface Casing: 7.0"
Surface Length: 43
Surface Cement: 8 sx
Longstring: 2 7/8 EUE

Surface Bit: 11.0"
Drill Bit: 6.125"
Longstring: 760.0'
Longstring Date: 11/24/2014

Driller's Log

Top	Bottom	Formation	Comments
0	17	Soil & clay	
17	22	Gravel, sand, clay	
22	46	Shale	
46	51	Lime	
51	57	Sandy shale	
57	71	Shale	
71	89	Lime	
89	95	Bl. Shale	
95	132	Lime	
132	145	Shale	
145	148	Lime	
148	154	Shale	
154	181	Lime	
181	244	Shale	
244	248	Lime	
248	250	Shale	
250	256	Lime	
256	258	Shale	
258	262	Lime	
262	270	Lime	
270	289	Shale	
289	297	Lime	
297	328	Shale	
328	334	Lime	

Schmidt #1-13
Douglas Co., KS

334	339	Shale	
339	342	Lime	
342	352	Shale	
352	373	Lime	
373	384	Shale	
384	406	Lime	
406	419	Shale	
419	426	Bl. Shale	
426	595	Shale	
595	561	Bl. Shale	
561	604	Shale	
604	609	Lime	
609	620	Shale	
620	623	Lime	
623	635	Lime	
635	653	Shale	
653	658	Lime	
658	661	Shale	
661	667	Lime	
667	676	Red Bed	
676	688	Lime	
688	695	Shale	
695	701	Sand	Well saturated with oil
701	703	Sand	Stringers of sand in shale, poor saturation
703	782	Shale	
782		TD	

Coring		
Run	Footage	Rec.
1	688-703	15
2		
3		