



Operator:
Grand Mesa Operating Co.
Wichita, KS

Schmidt #1-15

Douglas Co., KS
23-14S-20E
API: 045-22241

Spud Date:	11/5/2014	Surface Bit:	11.0"
Surface Casing:	7.0"	Drill Bit:	6.125"
Surface Length:	40.0'	Longstring:	759.40'
Surface Cement:	8 sx	Longstring Date:	11/7/2014
Longstring:	2 7/8 EUE - New Ltd. Service		

Driller's Log

Top	Bottom	Formation	Comments
0	12	Soil & clay	
12	32	Clay & shale	
32	35	Gravel & sand	
35	51	Lime	
51	53	Sandy shale	
53	57	Lime	
57	61	Shale	
61	79	Lime	
79	86	Bl. Shale	
86	94	Lime	
94	98	Shale	
98	118	Lime	
118	134	Sandy shale	
134	136	Lime	
136	151	Shale	
151	162	Lime	
162	166	Sandy shale	
166	172	Lime	
172	235	Shale	
235	239	Lime	
239	242	Shale	
242	255	Lime	
255	256	Bl. Shale	
256	259	Lime	

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259	264	Shale	
264	267	Lime	
267	275	Shale	
275	277	Red Bed	
277	286	Lime	
286	319	Shale	
319	327	Lime	
327	330	Sandy shale	
330	332	Lime	
332	341	Shale	
341	349	Lime	
349	351	Shale	
351	354	Lime	
354	359	Sandy shale	
359	365	Lime	
365	368	Shale	
368	370	Lime	
370	408	Shale	
408	416	Lime	
416	574	Shale	
574	588	Sandy shale	
588	594	Lime	
594	600	Shale	
600	601	Lime	
601	633	Shale	
633	635	Lime	
635	653	Shale	
653	656	Lime	
656	668	Shale	
668	670	Lime	
670	679	Shale	
679	681	Lime	
681	688	Bl. Shale	
688	690	Sand	Laminated, sand is carry good oil
690	692	Sandy shale	No show
692	696	Sand	Light to fair oil saturation
696	699	Sand	Light, spotty oil saturation
699	700	Shale	
700	704	Sandy shale	Light rainbow sheen
704	770	Shale	
770		TD	

Coring		
Run	Footage	Rec.
1	676-696	20'
2	696-716	20'