

**Operator:**

Grand Mesa Operating Co.
Wichita, KS

Vesecky #1-6

Douglas Co., KS
23-14S-20E
API: 045-22237

Spud Date: 10/24/2014**Surface Casing:** 7.0"**Surface Length:** 43.30'**Surface Cement:** 14 sx**Longstring:** 2 7/8 EUE - New Ltd. Service**Surface Bit:** 11.0"**Drill Bit:** 6.125"**Longstring:** 762.15'**Longstring Date:** 10/28/2014**Driller's Log**

Top	Bottom	Formation	Comments
0	18	Soil & clay	
18	20	Sand & gravel	
20	40	Sandy shale	
40	57	Shale	
57	64	Shale	Limey
64	73	Lime	
73	75	Bl. Shale	
75	77	Shale	
77	95	Lime	
95	97	Shale	
97	103	Lime	
103	109	Shale	
109	129	Lime	
129	149	Shale	
149	163	Shale	
163	180	Lime	
180	185	Sandy shale	
185	253	Shale	
253	274	Lime	
274	282	Lime	Sandy, odor
282	290	Shale	
290	305	Lime	
305	327	Shale	
327	340	Lime	

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340	351	Shale	
351	367	Lime	
367	382	Bl. Shale	
382	396	Lime	Base KC
396	418	Shale	Big Shale
418	430	Sandy shale	
430	560	Shale	Base Big Shale
560	562	Coal	
562	580	Shale	
580	582	Red Bed	
582	596	Sandy shale	
596	612	Lime	
612	618	Shale	
618	629	Lime	
629	637	Shale	
637	640	Coal	
640	664	Lime	
664	670	Shale	
670	686	Lime	
686	688	Bl. Shale	
688	698	Shale	Muddy
698	706	Sand	Good oil show, lot of dissolved gas,
706	720	Sandy shale	some shale laminations, good bleed
720	768	Shale	
768	778	Sand	Soft, small amount of dead oil in the top,
778	782	Shale	no odor or bleed overall
782		TD	

Coring		
Run	Footage	Rec.
1	698-716	18'