



**Operator:**  
Grand Mesa Operating Co.  
Wichita, KS

**Schmidt 14-12**

Douglas Co., KS  
15-14S-20E  
API: 045-22277

<b>Spud Date:</b>	9/30/2015	<b>Surface Bit:</b>	11.0"
<b>Surface Casing:</b>	7.0"	<b>Drill Bit:</b>	5.875"
<b>Surface Length:</b>	41.45'	<b>Longstring:</b>	785.5'
<b>Surface Cement:</b>	8 sx	<b>Longstring Date:</b>	10/7/2015
<b>Longstring:</b>	2 7/8 EUE - new		

**Driller's Log**

Top	Bottom	Formation	Comments
0	15	Soil & clay	
15	17	Gravel	
17	40	Shale	
40	55	Lime	
55	63	Shale	
63	87	Lime	
87	97.5	Shale	
97.5	105	Lime	
105	109	Shale	
109	130	Lime	
130	134	Sand	Grey
134	156	Shale	
156	180	Lime	
180	197	Shale	
197	207	Sandy Shale	
207	245	Shale	
245	249	Lime	
249	251	Shale	
251	269	Lime	
269	283	Shale	
283	296	Lime	
296	329	Shale	
329	339	Lime	
339	351	Shale	

Schmidt 14-12i  
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351	378	Lime	
378	386	Shale	
386	419	Lime	
419	472	Shale	
472	549	Sandy Shale	
549	558	Sand	Hard, grey
558	580	Shale	
580	582	Red Bed	
582	597.5	Shale	
597.5	602	Sand	Light oil show, hard sand
602	613	Shale	
613	619	Lime	
619	621	Bl. Shale	
621	639	Shale	
639	650	Lime	
650	660	Shale	
660	680	Lime	
680	708	Shale	
708	710	Lime	
710	738	Shale	
738	750	Sand & Shale	
750	802	Sand	Soft, brown, no bleed
<b>802</b>		<b>TD</b>	Turned black after 780

	<b>Coring</b>	
<b>Run</b>	<b>Footage</b>	<b>Rec.</b>
1		19'
2		

**Sand Detail**

NOTE: Ran 2 7/8 EUE used tubing in well, rat showed paraffin in pipe, ran GRN, logging tool could not make it to bottom, tripped used tubing, ran new 2 7/8 EUE in well and cemented in.