



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

**Schmidt 12-14i**  
Douglas Co., KS  
15-14S-20E  
API: 045-22276

<b>Spud Date:</b>	10/2/2015	<b>Surface Bit:</b>	11.0"
<b>Surface Casing:</b>	7.0"	<b>Drill Bit:</b>	5.875"
<b>Surface Length:</b>	42.8'	<b>Longstring:</b>	740.9'
<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	16	Soil & clay	
16	18	Gravel	
18	37	Shale	
37	57	Lime	
57	65	Shale	
65	81	Lime	
81	90	Shale	
90	97	Lime	
97	102	Shale	
102	126	Lime	
126	152	Shale	
152	173	Lime	
173	200	Sandy Shale	
200	235	Shale	
235	240	Lime	
240	242	Shale	
242	260	Lime	
260	275	Shale	
275	290	Lime	
290	301	Shale	
301	302	Lime	
302	319	Shale	
319	326	Lime	
326	331	Shale	

331	333	Lime	
333	338	Shale	
338	366	Lime	
366	374	Bl. Shale	
374	404	Lime	
404	410	Shale	
410	417	Lime	
417	526	Shale	
526	536	Lime	
536	555	Shale	
555	557	Red Bed	
557	560	Lime	
560	566	Shale	
566	568	Lime	
568	570	Shale	
570	573	Sandy Shale	
573	575	Sand	Good oil show, good sand
575	585	Shale	
585	591.5	Lime	
591.5	613	Shale	
613	632	Sandy Shale	
632	634	Lime	
634	638	Shale	
638	657	Lime	
657	674	Shale	
674	679	Lime	
679	690	Shale	
690	703	Sand	See below
703	705	Sand & Sandy Shale	
705	762	Shale	
<b>762</b>		<b>TD</b>	

**Coring**

Run	Footage	Rec.
1	574-594	19'
2		

**Sand Detail**

690-692	Light show in samples, good odor
692-694	Sand w/ shale, rainbow to pit, good odor
694-696	Shaley, good odor, light show to pit
696-703	Good sand, good bleed, good odor
703-705	Sand & sandy shale, no show

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,

Schmidt 12-14i  
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ran new 2 7/8 EUE in well and cemented in.