



Operator:
Grand Mesa Operating Co.
Wichita, KS

Kinder #1
Linn Co., KS
7-21S-22E
API: 107-25175

Spud Date:	8/26/2016	Surface Bit:	9.875"
Surface Casing:	7.0"	Drill Bit:	5.875"
Surface Length:	22.0'	Longstring:	566.8'
Surface Cement:	5 sx	Longstring Date:	9/6/2016
Longstring:	2 7/8 EUE Blue Band		

Driller's Log

Top	Bottom	Formation	Comments
0	2	Soil	
2	5	Sand Stone	
5	58	Shale	
58	68	Lime	
68	76	Shale	
76	117	Lime	
117	122	Bl. Shale	
122	142	Lime	
142	145	Bl. Shale	
145	170	Lime	
170	293	Shale	
293	295	Bl. Shale	
295	397	Lime	
397	335	Shale	
335	361	Lime	
361	390	Shale	
390	391	Coal	
391	413	Shale	
413	425	Lime	
425	430	Shale	
430	432	Lime	
432	438	Shale	
438	443	Lime	
443	471	Shale	

Kinder #1
Linn Co., KS

471	482	Lime	
482	496	Shale	
496	499	Lime	
499	503	Shale	
503	510	Bl. Shale	
510	515	Lime	
515	527	Shale	White, muddy, gummy
527	539	Sand	Fine sand, hard, fair saturation of light
539	582	Shale	oil, w/some small shale layers
582		TD	

	Coring	
Run	Footage	Rec.
1	528-545	14'