



Operator:
N & W Enterprises, Inc.

Meyer # Inj 31
Crawford Co., KS
33-28-22E
API # 15-037-22397-00-00

Spud Date:	6/18/2018	Surface Bit:	9.875"
Surface Casing:	7.0"	Drill Bit:	5.875"
Surface Length:	20'	Longstring:	417.03'
Surface Cement:	4 sx	Longstring Date:	6/19/2018
Longstring:			

Driller's Log

Top	Bottom	Formation	Comments
0	2	Soil	
2	5	Clay	
5	16	Sand Stone	
16	76	Shale	
76	78	Lime	
78	83	Shale	
83	113	Lime	
113	145	Shale	
145	167	Sandy Shale	
167	182	Shale	
182	203	Lime	
203	210	Shale	
210	215	Lime	
215	221	Shale	Black
221	315	Shale	
315	316	Lime	
316	333	Shale	
333	335	Lime	
335	373	Shale	
373	374	Coal	
374	387	Sand	soft sand,good bleed,good odor,solid
387	390	Sand	Bk sand, slight odor, no bleed
390	420	Shale	
420		TD	