



Operator:
N&W Enterprises, Inc.
Fort Scott, KS

Franklin #7
Crawford Co., KS
29-28-22E
API: 15-037-22258-00-00

Spud Date:	6/4/2014	Surface Bit:	9.875"
Surface Casing:	7.0"	Drill Bit:	5.875"
Surface Length:	20.1'	Longstring:	431.90'
Surface Cement:	4 sx.	Longstring Date:	6/5/2014
Longstring:	2 7/8" EUE		

Driller's Log

Top	Bottom	Formation	Comments
0	2	Soil	
2	8	Clay	
8	14	Sand Stone	
14	69	Shale	
69	73	Lime	
73	78	Shale	
78	115	Lime	
115	140	Shale	
140	178	Sand	Grey, no odor
178	187	Shale	
187	206	Lime	
206	214	Shale	
214	219	Lime	
219	240	Shale	
240	246	Sand & Sandy Shale	
246	373	Shale	
373	375	Sand	Odor, slight bleed
375	387	Sandy Shale	
387	388	Coal	
388	410	Sand	388-390, good odor, fair bleed
410	435	Shale	390-410, good odor, good bleed
435		TD	