McPherson Drilling LLC

AFE # D13031

Drillers Log

McPherson Drilling LLC

Rig Number: 2	S.30 T.30 R.18E
API No. 15- 133-27633	County Neosho
Elev. 986'	Location NE-NW-SW-NE

Operator: Post Rock midcontinent Production	
Address: Oklahoma Tower 210 Park Ave Ste 2750	
Well No: 30-5	Lease Name: Leck Orris
Footage Location	1865 ft. from the (N) (S) Line
	2015' ft. from the (E) (W) Line
Drilling Contractor:	McPherson Drilling LLC
Spud date: 2/19/13	Geologist:
Date Completed: 2/20/13	Total Depth: 985'

Casing Record	Surface	Production
Size Hole:	11"	7 7/8"
Size Casing	8 5/8"	
Weight	23#	
Setting Depth	22.5'	Post Rock
Type Cement	Port	" "
Sacks	5	

Rig Time:

Gas Tests:	
655'	0
755'	0
855'	Slight Blow
955'	Same

Inj water @ 830'

Well Log

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Top Soil	0	2	Shale	536	540	Coal	880	881
Shale	2	62	coal	540	541	Sand/Shale	881	893
Lime	62	94	Shale	541	577	Sand	893	912 Oil
Coal	94	96	Swego Lime	577	604	Sand/Shale	912	960
Shale	96	148	Summit	604	614	Coal	960	961
Lime	148	193	Lime	614	625	Sand/Shale	961	985 TD
shale	193	248	mulky	625	631			
Lime	248	268	Lime	631	637			
Shale	268	281	Shale	637	677			
Coal	281	282	coal	677	678			
Shale	282	294	Shale	678	730			
Coal	294	295	coal	730	732			
Shale	295	359	Shale	732	735			
Lime	359	373	Coal	735	736			
Coal	373	374	Shale	736	751			
Lime	374	380	coal	751	752			
Shale	380	351	Shale	752	799			
Sand	351	473 Oil	coal	799	800			
Shale	473	508	Shale	800	803			
Coal	508	509	oil Sand	803	840			
Shale	509	512	Shale	840	851			
Lime	512	533	coal	851	852			
Coal	533	534	Shale	852	869			
Lime	534	536	Sand/Shale	869	880			