McPherson Drilling LLC AFE # D13126 **Drillers Log** McPherson Drilling LLC

Rig Number: 2	S. 4 T. 29 R. 16 E
API No. 15- 205-28183	County: Wilson
Elev.	Location: SW-SW-NE-SE

Operator: Post Rock midcontinent Production
Address: Oklahoma Tower 210 Park Ave Ste 2750
Oklahoma city OK 73102
Well No: 4-4 Lease Name: Estes Rev Trust
Footage Location: 1340 ft. from the (N) (S) Line
1220 ft. from the (E) (W) Line
Drilling Contractor: McPherson Drilling LLC
Spud date: 6/22/13 Geologist:
Date Completed: 6/24/13 Total Depth: 1070'

Gas Tests:
705' Slight Blow
1006' Same

Put a Little oil on Pit from 930' To 950'

Casing Record	Surface	Production
Size Hole:	11"	7 7/8"
Size Casing:	8 5/8"	
Weight:	23#	
Setting Depth:	20.5'	Post Rock
Type Cement:	Port	" "
Sacks:	5	

Rig Time:

Well Log

First water @ 160'

Formation	Top	Btm.	
Top Soil	0	8	
Shale	8	26	
Lime	26	37	
Shale	37	47	
Lime	47	94	wet
Shale	94	168	
Lime	168	204	
Shale	204	209	
Lime	209	244	
Shale	244	268	
Sand	268	280	Do
Coal	280	281	
Shale	281	288	
Lime	288	369	
Shale	369	440	
Lime	440	442	
Shale	442	458	
Lime	458	471	
Shale	471	562	
Sand	562	578	
Coal	578	580	
Lime	580	606	
Shale	606	646	
Fusulin Lime	646	669	

Formation	Top	Btm.	
Summit	669	676	
Lime	676	689	
Mulky	689	697	
Lime	697	698	
Sand/Shale	698	705	
Sand	705	716	Do
Sand/Shale	716	727	
Shale	727	745	
Coal	745	746	
Shale	746	765	
Coal	765	766	
Shale	766	801	
Coal	801	802	
Shale	802	811	
Lime	811	813	
Shale	813	827	
Sand/Shale	827	854	
Shale	854	898	
Coal	898	899	
Shale	899	910	
Oil Sand	910	938	
Coal	938	939	
Oil Sand	939	988	
Sand/Shale	988	1001	

Formation	Top	Btm.	
Water Sand	1001	1011	
Sand/Shale	1011	1042	
Shale	1042	1069	
Coal	1069	1070	TD.