AFE # 13116

McPherson Drilling LLC

Drillers Log

McPherson Drilling LLC

Rig Number: 2	S. 2 T. 28 R. 16 E
API No. 15- 205-28173	County Wilson
Elev. 1041'	Location NW-SW-NW-SW

Operator: Post Rock Midcontinent Production
Address: Oklahoma Tower 210 Park Ave Ste 2350

Well No: 2-1 Lease Name: Olson Ruby A SWD
Footage Location: 1790 ft. from the (N) (S) Line
75 ft. from the (E) (W) Line

Drilling Contractor: McPherson Drilling LLC
Spud date: 5/23/17 Geologist:
Date Completed: 5/25/17 Total Depth: 1164'

Casing Record	Surface	Production
Size Hole:	11"	7 7/8"
Size Casing:	8 5/8"	
Weight:	23#	
Setting Depth:	41'	Post Rock
Type Cement:	Port	" "
Sacks:	10	

Rig Time:
1:15P Trip out To pick Tri cone
Cone at 1164' 4:15P
(3 Hrs)

Gas Tests:
455' 0
1155' Slight Blow

Pick oil on PT from 1106' To 1125'
Oil odor Top 10' of miss

Well Log

Tri water @ 490'

Formation	Top	Btm.		Formation	Top	Btm.		Formation	Top	Btm.
Top Soil	0	4		mulky	844	848		miss/Chat	1226	1500
Lime	4	19		Lime	848	853		Green Shale	1500	1526
Shale	19	128		Shale	853	862		Compton Lime	1526	1538
Lime	128	157		Sand	862	880	0%	Bkn Shale	1538	1557
Shale	157	264		Sand/Shale	880	927		Arbuckle	1557	1664
Lime	264	287		Coal	927	928				
Sand	287	301	wet	Shale	928	962			1600	
Shale	301	304		coal	962	963		6" Break @ [redacted] picked up some water		
Lime	304	324		Shale	963	990				
Shale	324	350		coal	990	991		Picked up more water @ 1624'		
Lime	350	434		Shale	991	1051				
Shale	434	448		coal	1051	1052		A lot of water @ 1658'		
Lime	448	476		Shale	1052	1067		1664' Worked out with Hammer		
Shale	476	492		coal	1067	1068				
Lime	492	533		Shale	1068	1073				
Shale	533	627		Coal	1073	1074				
Lime	627	665		Shale	1074	1078				
Sand	665	686	0%	Oil Sand	1078	1128				
Shale	686	756		Sand/Shale	1128	1136				
Lime	756	779		Water Sand	1136	1192				
Shale	779	809		Oil Sand	1192	1198				
Orange lime	809	828		Shale	1198	1215				
Summit	828	834		Coal	1215	1216				
Lime	834	844		Shale	1216	1226				