

AFE # D13117

McPherson Drilling LLC

Drillers Log

McPherson Drilling LLC

Rig Number: 2	S. 5 T. 28 R. 17 E
API No. 16-205-28172	County: Wilson
Elev 991'	Location: NE-SW-SE-NW

Operator: Post Rock midcontinent Production LLC	
Address: Oklahoma Tower 210 Park Ave Ste 2750 Oklahoma City OK 73102	
Well No: 5-1 SWD	Lease Name: Grady James A Grady
Footage Location: 2110 n. from the (N) (S) Line	
	1875 n. from the (E) (W) Line
Drilling Contractor: McPherson Drilling LLC	
Spud date: 5/21/13	Geologist:
Date Completed: 6/4/13	Total Depth: 1578'

Casing Record		Rig Time:
Surface	Production	3 1/2 hr Trip to put Tricone
Size Hole: 11"	7 7/8"	on 5:30 stop
Size Casing: 8 5/8"		7:45 A Trip in 10:00 A
Weight: 23 lb		Pick on Bottom Drilling
Setting Depth: 46'	Post Rock	4 hrs Total Trip Time
Type Cement: Port	1 "	
Sacks: 10		

existing logs at 160

Gas Tests:	
730'	Ø
930'	Ø
1030'	Slight Blow
Put oil on Pit from 975' TO 1000'	
Pick ends in Top of miss.	
Pick up oil/water @ 1482'	
1491' pick up more water	
1515' pick up more water	
1578' watered out with Hammer	
1570' pick up alot more water	
Continue to pick up water to TD	

Well Log								
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Top Soil	0	4	OSW	652	707	burn shale	1396	1425
lime	4	14	marls	707	714	compton sh	1425	1447
shale	14	93	limestone	714	721	oil shale	1447	1456
lime	73	108	Mudstone	721	727	Arkville	1456	1578
oil sand	108	167	limestone	727	730			
oil shale	167	205	shale	730	785			
lime	205	214	coal	785	796			
shale	214	238	sand/shale	796	812			
limestone	238	326	oil sand	812	823			
band	326	344	band/shale	823	850			
lime	344	363	lime	850	857			
shale	363	374	shale	857	946			
lime	374	409	coal	946	947			
shale	409	412	shale	947	969			
lime	412	417	oil sand	969	1044			
shale	417	467	band/shale	1044	1057			
band	467	477	water sand	1057	1090			
band/shale	477	531	coal	1090	1091			
lime	531	537	band/shale	1091	1096			
shale	537	544	coal	1096	1097			
band	544	555	water sand	1097	1119			
shale	555	632	coal	1119	1121			
lime	632	656	shale	1121	1129			
shale	656	652	mississippi	1129	1396			

