

AFE # D13084

McPherson Drilling LLC

Drillers Log

McPherson Drilling LLC

Rig Number: 2	S. 2 T. 28 R. 16 E
API No. 16-205-28144	County Wilbrea
Elev. 1046'	Location SE-SE-SW-SW

Gas Tests:	
881'	Light Blow
981'	Same
1151'	Same

Operator: Post Rock midcontinent Production	
Address: Oklahoma Tower 210 Park Ave Ste 2750	
Well No. 2-15	Lease Name Olson Ruby A
Footage Location:	245 ft. from the (N) (S) Line
	1110 ft. from the (E) (W) Line
Drilling Contractor: McPherson Drilling LLC	
Spud date: 4/30/13	Geologist:
Date Completed: 5/2/13	Total Depth: 1220'

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

Well Log								
log 1120 at 300'								
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Top Soil	0	8	OSW	817	837	Coal	1199	1200
lime	8	14	limestone	837	842	shale	1200	1200
shale	14	129	lime	842	853			
lime	129	142	shale	853	866			
shale	142	234	lime	866	867			
lime	234	251	shale	867	869			
sand	251	317	sand	869	878			
sand shale	317	343	sand shale	878	879			
lime	343	423	shale	879	941			
shale	423	432	coal	941	942			
lime	432	439	shale	942	967			
sand	439	469	coal	967	971			
lime	469	478	shale	971	1023			
shale	478	491	(C-A)	1023	1023			
lime	491	541	sand shale	1023	1037			
shale	541	566	sand	1037	1037			
sand	566	582	sand shale	1037	1049			
shale	582	704	shale	1049	1063			
sand shale	704	735	sand	1063	1077			
sand	735	756	coal	1077	1079			
lime	756	758	shale	1079	1081			
coal	758	759	sand	1081	1100			
lime	759	790	lime sand	1100	1122			
shale	790	817	water sand	1122	1199			