

McPherson Drilling LLC AFE#
D13039

Drillers Log

McPherson Drilling LLC

Rig Number: 2	8.20 T. 28 R. 19E
API No. 15-133-27636	County: <i>McCurtain</i>
Elev. 911	Location: SW-SE-NE-NE

Gas Tests:	
425'	<i>0</i>
625'	<i>0</i>

Operator <i>Post Rock midcontinent Productions</i>	
Address: <i>Oklahoma Tower 240 Park Ave Ste 2750</i>	
Well No: 20-10	Lease Name <i>Rich William A</i>
Footage Location	1260 ft from the <i>(N)</i> (S) Line
	450 ft from the <i>(E)</i> (W) Line
Drilling Contractor: <i>McPherson Drilling LLC</i>	
Spud date: <i>3/6/13</i>	Geologist
Date Completed: <i>3/7/13</i>	Total Depth

Casing Record			Rig Time:
Size Hole:	Surface: 11"	Production: 7 7/8"	
Size Casing:	8 3/8"		
Weight:	23#		
Setting Depth:	23'	Post Rock	
Type Cement:	port	" "	
Sacks:	5		

Inj water @ 530'

Well Log			Well Log			Well Log		
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
soil/clay	0	7	coal	376	377	shale	624	636
shale	7	12	shale	377	399	coal	636	637
lime	12	40	sand	399	415	shale	637	648
shale	40	52	coal	415	416	oil sand	648	656
lime	52	54	sand	416	423	sand/shale	656	662
shale	54	68	lime	423	438	coal	662	663
lime	68	85	coal	438	439	shale	663	677
shale	85	104	shale	439	445	coal	677	678
coal	104	105	coal	445	446	shale	678	770
lime	105	118	shale	446	487			
shale	118	128	sand	487	501			
black shale	128	130	sand/shale	501	531			
lime	130	134	sand	531	538			
sand shale	134	140	sand/shale	538	542			
shale	140	146	coal	542	543			
lime	146	152	sand/shale	543	548			
shale	152	169	shale	548	560			
coal	169	170	lime	560	568			
shale	170	207	coal	568	570			
sand	207	239	sand/shale	570	581			
lime	239	251	shale	581	606			
shale	251	296	coal	606	607			
sand	296	328	shale	607	623			
lime	328	376	coal	623	624			