McPherson Drilling LLC | AFE # D13041 | Drillers Log

Rig Number: 2	S. 20 T. 28 R. 19E
API No. 15- 133-27638	County Neosho
Elev 925	Location SW-NE-NW-NE

Operator: Post Rock midcontinent Production	
Address: Oklahoma Tower 210 Park Ave Ste 2750	
Well No. 20-12	Lease Name Stith William A
Footage Location	620 ft. from the (N) (S) Line
	1810 ft. from the (E) (W) Line
Drilling Contractor:	McPherson Drilling LLC
Spud date: 3/8/13	Geologist:
Date Completed 3/11/13	Total Depth: 770'

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

Rig Time:

McPherson Drilling LLC

Gas Tests:

480' 0
630' 0
680' Slight Blow

In water @ 150'

Well Log

Formation	Top	Btm.		Formation	Top	Btm.		Formation	Top	Btm.
Soil/clay	0	3		mulkey	469	477				
Lime	3	38		Sand	477	505	Show			
Shale	38	79		Shale	505	543				
Lime	79	98		Lime	543	545				
Shale	98	115		Shale	545	574				
Lime	115	129		Lime	574	579				
Shale	129	135		Shale	579	584				
coal	135	136		coal	584	585				
Shale	136	144		Sand/Shale	585	605				
Lime	144	169		Coal	605	606				
Shale	169	189		Sand/Shale	606	618				
Lime	189	194		Coal	618	619				
Sand	194	225	Show	Sand/Shale	619	635				
Shale	225	238		Coal	635	636				
Lime	238	269		Sand/Shale	636	648				
Shale	269	347		Oil Sand	648	667				
Lime	347	351		Shale	667	673				
coal	351	352		coal	673	674				
Shale	352	367		Shale	674	722				
Lime	367	390		coal	722	723				
Shale	390	429		Shale	723	770	TD			
Lime ow	429	453								
Shale	453	463								
Lime	463	469								