McPherson Drilling LLC Drillers Log

PO# TLC 101210-1 **AFE# D10065**

Rig Number:	1	**S. 31**	**T. 28** **R.20 E**
API No. 15-	**133-31998**	County:	**NEOSHO**
	Elev. 874	Location:	SW NW

Operator:	POSTROCK		
Address:	210 Park Ave Ste 2750		
	Oklahoma City, OK 73102-5641		
Well No:	**31-28-20-1**	Lease Name:	**BEACHNER BROS.**
Footage Location:		1980 ft. from the	NORTH Line
		660 ft. from the	WEST Line
Drilling Contractor:	**McPherson Drilling LLC**		
Spud date:	10/13/2010	Geologist:	Ken Recoy
Date Completed:	10/14/2010	Total Depth:	907

Gas Tests:

		MCF
227		0
277		0
352		0
377		0
427		0
452		0
477		0
504		0
554	21# ON 1/4"	48.7
577	21# ON 1/4"	48.7
604	21# ON 1/4"	48.7
703	14# ON 1/4"	37.6
768	20# ON 1/4"	47.1
907	20# ON 1/4"	47.1

Comments:
Start injecting @ 740'

Casing Record

	Surface	Production
Size Hole:	11"	7 7/8"
Size Casing:	8 5/8"	
Weight:	20#	
Setting Depth:	40	NC
Type Cement:	Portland	
Sacks:	Pump trk	NC

Rig Time:

2.5 hrs	surface on mud
DRILLER:	Andy Coats

Well Log

Formation	Top	Btm.	HRS.	Formation	Top	Btm.		Formation	Top	Btm.
soil	0	23		shale	468	489				
sand gravel	23	26		coal	489	491				
shale	26	29		shale	491	542				
lime	29	49		coal	542	544				
shale	49	98		black shale	544	548				
lime	98	105		shale	548	560				
shale	105	129		coal	560	561				
lime	129	135		shale	561	592				
shale	135	169		coal	592	594				
black shale	169	171		shale	594	598				
shale	171	227		black shale	598	608				
lime	227	251		sand shale	608	624				
black shale	251	253		black shale	624	626				
lime	253	262		shale	626	654				
shale	262	307		black shale (wet)	654	657				
coal	307	308		shale	657	741				
shale	308	310		black shale	741	745				
lime	310	315		shale	745	754				
sand shale	315	330		coal	754	755				
shale	330	341		shale	755	763				
coal	341	342		Mississippi(wet)	763	907	TD			
shale	342	462								
coal	462	466								
black shale	466	468								