McPherson Drilling LLC Drillers Log

Rig Number:	**2**	**S. 26**	**T. 30** **R.16 E**
API No. -15-	**205-28010**	County:	**WL**
	Elev. 853	Location:	SE SE SE NE

Operator:	RON MCPHERSON				
Address:	PO BOX 129				
	SYCAMORE, KS 67363				
Well No:	**11**	Lease Name:	**W. REDD**		
Footage Location:		2805	ft. from the	SOUTH	Line
		165	ft. from the	EAST	Line
Drilling Contractor:	**McPherson Drilling LLC**				
Spud date:	4/18/2012	Geologist:			
Date Completed:	4/238/12	Total Depth:	943		

Gas Tests:

OIL SAND	800-12	good sho
	861-67	slite

Casing Record

	Surface	Production
Size Hole:	9 7/8 "	5 5/8"
Size Casing:	7"	
Weight:	20#	
Setting Depth:	21'	
Type Cement:	Port	
Sacks:	4	

Rig Time:

DRILLER: Mac McPherson

Comments:
Start injecting @

Well Log

Formation	Top	Btm.	HRS.	Formation	Top	Btm.		Formation	Top	Btm.
soil/clay	0	6		lime	661	676				
shale	6	28		mulky	676	681				
lime	28	33		lime	681	688				
shale	33	70		shale	688	800				
lime	70	76		oil sand	800	812				
shale	76	93		shale	812	861				
lime	93	158		oil sand	861	867				
shale	158	207		shale	867	876				
lime	207	230		sand (slight)	876	886				
shale	230	235		shale/sand	886	943	Td			
lime	235	252								
shale	252	259								
lime	259	322								
shale	322	340								
lime	340	342								
shale	342	361								
lime	361	437								
shale	437	458								
sandy/lime	458	521								
shale	521	541								
lime	541	573								
shale	573	624								
oswefo lime	624	652								
summit	652	661								