

Operator License # 32834  
 Operator JTC Oil, Inc.  
 Address PO Box 24386  
 City Stanley, KS 66283  
 Contractor JTC Oil, Inc.  
 Contractor License # 32834  
 T.D. 640  
 T.D. of pipe 631  
 Surface pipe size 7"  
 Surface pipe depth 20'  
 Well Type Production

API # 15-121-29858-00-00  
 Lease Name Wilson A  
 Well # P-13  
 Spud Date 2/12/2014  
 Cement Date 2/25/2014  
 Location Sec 4 T 18 R 22  
 1815 feet from N line  
 165 feet from E line  
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
30	clay	2	32	
14	lime	32	46	
11	shale	46	57	
27	lime	57	84	
8	black shale	84	92	
18	lime	92	110	
4	coal	110	114	
15	lime	114	129	
170	shale	129	299	
7	lime	299	306	
59	shale	306	365	
6	lime	365	371	
13	shale	371	384	
2	lime	384	386	
20	black shale	386	406	
6	lime	406	412	
31	shale	412	443	
7	lime	443	450	
43	shale	450	493	
31	black shale	493	524	
4	sandy	524	528	little oil
25	shale	528	553	
1	lime	553	554	
10	shale	554	564	
4	oil sand	564	568	v-good
4	oil sand	568	572	v-good
4	oil sand	572	576	v-good
2	oil sand	576	578	v-good
3	oil sand	578	581	v-good
22	black shale	581	603	
37	shale	603	640	