

Operator License #	33741	API #	15-059-26510-00-00		
Operator	Energex Kansas	Lease Name	Gilchrist		
Address	2038 S. Princeton St., Ste B	Well #	BSP-GC11		
City	Ottawa, KS 66067	Spud Date	8/28/2013		
Contractor	JTC Oil, Inc.	Cement Date			
Contractor License #	32834	Location	Sec 4	T 18	R 21
T.D.	720		1835 feet from	S	line
T.D. of pipe	695		988 feet from	E	line
Surface pipe size	7"	County	Franklin		
Surface pipe depth	20'				
Well Type	Production				

Driller's Log

Thickness	Strata	From	To
5	Dirt	0	5
5	Lime	5	10
7	Shale	10	17
8	Lime	17	25
93	Shale	25	118
20	Lime	118	138
14	Shale	138	152
3	Lime	152	155
5	Shale	155	160
10	Lime	160	170
36	Shale	170	206
16	Lime	206	222
9	Shale	222	231
29	Lime	231	260
5	Black Shale	260	265
22	Lime	265	287
5	Coal	287	292
12	Lime	292	304
147	Shale	304	451
10	Lime	451	461
1	Shale	461	462
16	Lime	462	478
10	Shale	478	488
8	Sandy Shale	488	496
29	Shale	496	525
6	Lime	525	531
11	Shale	531	542
3	Lime	542	545
11	Black Shale	545	556
5	Lime	556	561
11	Shale	561	572
4	Lime	572	576
2	Lime Oil	576	578
2	Lime Oil	578	580

2	Lime Oil/Shale	580	582	
4	Shale	582	586	
2	Oil	586	588	OK
2	Oil	588	590	
2	Oil	590	592	
2	Good	592	594	
2	OK	594	596	
2	OK	596	598	
2	OK	598	600	
2	Little	600	602	
2	Little	602	604	
2	Tiny	604	606	
10	Sandy Shale	606	616	
42	Shale	616	658	
2	Sand/Little Oil	658	660	
2	Sand/Little Oil	660	662	
2	Tiny	662	664	
8	Sandy Shale	664	672	
48	Shale	672	720	