

Operator License #	33741	API #	15-059-26476-00-00		
Operator	Energex Kansas	Lease Name	Gilchrist		
Address	2038 S. Princeton St., Ste B	Well #	BSP-GC5		
City	Ottawa, KS 66067	Spud Date	8/22/2013		
Contractor	JTC Oil, Inc.	Cement Date			
Contractor License #	32834	Location	Sec 4	T 18	R 21
T.D.	800		2421 feet from	N	line
T.D. of pipe	750		651 feet from	E	line
Surface pipe size	7"	County	Franklin		
Surface pipe depth	20'				
Well Type	Production				

Driller's Log

Thickness	Strata	From	To
2	Dirt	0	2
13	Lime	2	15
2	Shale	15	17
4	Lime	17	21
3	Shale	21	24
4	RedShale	24	28
22	Shale	28	50
17	Lime	50	67
11	Shale	67	78
2	Lime	78	80
81	Shale	80	161
24	Lime	161	185
23	Shale	185	208
12	Lime	208	220
25	Shale	220	245
13	Lime	245	258
2	Shale	258	260
3	Lime	260	263
9	Shale	263	272
28	Lime	272	300
6	Shale	300	306
3	Coal	306	309
19	Lime	309	328
4	Shale	328	332
5	Lime Mix	332	337
3	Shale	337	340
7	Lime	340	347
145	Shale	347	492
3	Lime	492	495
5	Shale	495	500
6	Sand	500	506
9	Lime	506	515
1	Shale	515	516
4	Lime	516	520

No Oil

40	Shale	520	560	
2	Coal	560	562	
4	Shale	562	566	
8	Lime	566	574	
13	Black Shale	574	587	
3	Lime	587	590	
15	Shale	590	605	
4	Lime	605	609	
2	Mix	609	611	
10	Shale	611	621	
1	Lime Oil	621	622	
2	Lime Oil	622	624	
2	Lime Oil	624	626	
4	Shale	626	630	
2	Sand	630	632	
1	Sand	632	633	OK
2	Good	633	635	
3	Good	635	638	
2	Little	638	640	
2	OK	640	642	
2	Little	642	644	
2	Tiny	644	646	
2	Tiny	646	648	
12	Sandy Shale	648	660	
40	Shale	660	700	
4	Sandy Shale	700	704	
1	Tiny Oil/Sand	704	705	
2	Tiny Oil	705	707	
2	Tiny Oil	707	709	
6	Sandy Shale	709	715	
34	Shale	715	749	
1	Mix Sand	749	750	No Oil
25	Sandy Shale	750	775	No Oil
20	Sand	775	795	No Oil
5	Shale	795	800	