

Operator License #	33741	API #	15-059-26491-00-00
Operator	Energex Kansas	Lease Name	Gilchrist
Address	2038 S. Princeton St., Ste B	Well #	BSI-GC7
City	Ottawa, KS 66067		
Contractor	JTC Oil, Inc.	Spud Date	8/11/2013
Contractor License #	32834	Cement Date	
T.D.	700	Location	Sec 4 T 18 R 21
T.D. of pipe	667		1650 feet from S line
Surface pipe size	7"		502 feet from E line
Surface pipe depth	20'	County	Franklin
Well Type	Injection		

Driller's Log

Thickness	Strata	From	To
2	Soil	0	2
1	Clay	2	3
12	Lime	3	15
28	Shale	15	43
18	Lime	43	61
92	Shale	61	153
20	Lime	153	173
14	Shale	173	187
3	Lime	187	190
8	Shale	190	198
4	Lime	198	202
3	Shale	202	205
6	Red Bed	205	211
29	Shale	211	240
19	Lime	240	259
9	Shale	259	268
26	Lime	268	294
7	Black Shale	294	301
23	Lime	301	324
4	Coal	324	328
12	Lime	328	340
157	Shale	340	497
21	Lime	497	518
9	Sand	518	527
31	Shale	521	552
3	Coal	552	555
6	Shale	555	561
7	Lime	561	568
11	Shale	568	579
2	Lime	579	581
11	Black Shale	581	592
8	Lime	592	600
11	Shale	600	611
1	Lime	611	612

2	Coal	612	614	
2	Lime Oil	614	616	OK
2	Lime Oil	616	618	OK
2	Lime Oil	618	620	OK
2	Shale	620	622	
2	Sand	622	624	OK
2	Oil Sand	624	626	Good
2	Sandy/Shale	626	628	OK
2	Sand/Shale	628	630	Good
2	Sand	630	632	Good
2	Lime/Sand	632	634	Good
2	Oil Sand	634	636	V-Good
2	Sand/Shale	636	638	Broken
2	Sandy	638	640	
1	Lime	640	641	
7	Sandy	641	648	
28	Shale	648	676	
24	Black Shale	676	700	