

Operator License #	33741	API #	15-059-26478-00-00		
Operator	Energex Kansas	Lease Name	Alexander		
Address	2038 S. Princeton St., Ste B	Well #	BSI-AL17		
City	Ottawa, KS 66067				
Contractor	JTC Oil, Inc.	\$pud Date	7/30/2013		
Contractor License #	32834	Cement Date			
T.D.	740	Location	Sec 29	T 18	R 21
T.D. of pipe	733		1216 feet from	S	line
Surface pipe size	7"		3775 feet from	E	line
Surface pipe depth	20'	County	Franklin		
Well Type	Injection				

Driller's Log

Thickness	Strata	From	To	
2	Soil	0	2	
2	Lime Clay	2	4	
21	Lime	4	25	
77	Shale	25	102	
16	Lime	102	118	
9	Lime Shale	118	127	
20	Shale	127	147	
5	Lime	147	152	
6	Red Bed	152	158	
37	Shale	158	195	
16	Lime	195	211	
9	Shale	211	220	
31	Lime	220	251	
8	Black Shale	251	259	
24	Lime	259	283	
5	Coal	283	288	
13	Lime	288	301	
168	Shale	301	469	
17	Lime	469	486	
3	Shale	486	489	
12	Sand	489	501	
22	Shale	501	523	
3	Coal	523	526	
4	Shale	526	530	
8	Lime	530	538	
13	Shale	538	551	
3	Lime	551	554	
19	Black Shale	554	573	
19	Lime	573	592	
7	Shale	592	599	
2	Lime	599	601	
3	Coal	601	604	
4	Lime	604	608	
1	Lime Oil	608	609	OK

3	Lime Oil	609	612	OK
4	Lime Oil	612	616	Good
2	Shale	616	618	
4	Coal	618	622	
16	Sand	622	638	
22	Shale	638	660	
25	Black Shale	660	685	
2	Oil Sand	685	687	V-Good
2	Oil Sand	687	689	V-Good
2	Oil Sand	689	691	OK
2	Oil Sand	691	693	Broken
9	Sandy Shale	693	702	
25	Shale	702	727	
13	Sand	727	740	