

Operator License #	33741	API #	15-059-26745-00-00		
Operator	Energex Kansas	Lease Name	Carter A		
Address	2038 S. Princeton St., Ste B	Well #	BSI-CA59		
City	Ottawa, KS 66067	Spud Date	7/15/2014		
Contractor	JTC Oil, Inc.	Cement Date			
Contractor License #	32834	Location	Sec 17	T 18	R 21
T.D.	620		2508 feet from	N	line
T.D. of pipe	597		2721 feet from	E	line
Surface pipe size	7"	County	Franklin		
Surface pipe depth	30'				
Well Type	Injection				

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
26	clay	2	28	
24	shale	28	52	
18	lime	52	70	
26	shale	70	96	
3	lime	96	99	
5	red bed	99	104	
39	shale	104	143	
13	lime	143	156	
10	shale	156	166	
30	lime	166	196	
9	black shale	196	205	
22	lime	205	227	
4	coal	227	231	
12	lime	231	243	
162	shale	243	405	
15	lime	405	420	
49	shale	420	469	
5	lime	469	474	
15	shale	474	489	
2	lime	489	491	
11	black shale	491	502	
11	lime	502	513	
31	shale	513	544	
1	top oil sand	544	545	
2	oil sand	545	547	ok
2	oil sand	547	549	v-good
2	oil sand	549	551	v-good
2	oil sand	551	553	v-good
2	oil sand	553	555	v-good
2	oil sand	555	557	v-good
1	oil sand	557	558	v-good
2	oil sand	558	560	v-good
2	oil sand	560	562	v-good

2	oil sand	562	564	good
2	sand/shale	564	566	ok
54	shale	566	620	