

Operator License #	32834	API #	15-121-30424-00-00
Operator	JTC Oil, Inc.	Lease Name	Cooper
Address	35790 Plum Creek Road	Well #	P-10
City	Osawatomie, KS 66064		
Contractor	JTC Oil, Inc.	Spud Date	10/14/2014
Contractor License #	32834	Cement Date	10/21/2014
T.D.	740'	Location	Sec 9 T 17 R 22
T.D. of pipe	730'		feet from line
Surface pipe size	7"		feet from line
Surface pipe depth	20'	County	Miami
Well Type	Production		

Driller's Log

Thickness	Strata	From	To	
4	dirt	0	4	
8	lime	4	12	
91	shale	12	103	
20	lime	103	123	
28	shale	123	151	
4	lime	151	155	
47	shale	155	202	
12	lime	202	214	
10	shale	214	224	
28	lime	224	252	
8	shale	252	260	
22	lime	260	282	
4	shale	282	286	
4	lime	286	290	
7	mix	290	297	
136	shale	297	433	
10	sand	433	443	no oil
7	shale	443	450	
11	sand	450	461	458-461 oil-ok
2	shale	461	463	
12	lime	463	475	
48	shale	475	523	
6	lime	523	529	
17	shale	529	546	
4	lime	546	550	
15	shale	550	565	
5	lime	565	570	
54	shale	570	624	
6	sand	624	630	ok
18	Core 1	630	648	
19	Core 2	648	667	648-653 better 653-661 ok 661-667
19	Core 3	667	686	667-678 good

12	sand	586	698	678-686 ok
5	little	698	703	686-700 little
37	mix	703	740	