

Operator License #	33741	API #	15-059-26731-00-00
Operator	Energex Kansas	Lease Name	Watson
Address	2038 S. Princeton St., Ste B	Well #	BSP-WT1
City	Ottawa, KS 66067		
Contractor	JTC Oil, Inc.	Spud Date	8/6/2014
Contractor License #	32834	Cement Date	
T.D.	960	Location	Sec 20 T 18 R 21
T.D. of pipe	927		3092 feet from S line
Surface pipe size	7"		1667 feet from E line
Surface pipe depth	20	County	Franklin
Well Type	Production		

Driller's Log

Thickness	Strata	From	To
16	dirt	0	16
2	shale	16	18
27	lime	18	45
84	shale	45	129
21	lime	129	150
28	shale	150	178
3	lime	178	181
10	red shale	181	191
30	shale	191	221
16	lime	221	237
9	shale	237	246
34	lime	246	280
7	black shale	280	287
18	lime	287	305
3	shale	305	308
5	lime	308	313
2	shale	313	315
8	lime	315	323
125	shale	323	448
7	red shale	448	455
31	mix	455	486
20	lime	486	506
49	shale	506	555
11	mix	555	566
8	shale	566	574
20	lime mix	574	594
7	lime	594	601
29	mix	601	630
3	lime oil	630	633
3	lime oil	633	636
7	shale	636	643
2	top good	643	645
2	good	645	647
2	ok	647	649

2	sandy shale	649	651
98	shale	651	749
4	coal	749	753
207	shale mix	753	960