



LEIS OIL SERVICES

1410 150th Rd. • Yates Center, Kansas 66783 • (620) 212-0752



Operator License #: 9267	API #: 15-003-26003-00-00
Operator: JRC Oil Co, Inc.	Lease: Cleveland
Address: PO Box 426 Garnett KS 66032	Well #: CB-46
Phone: 785-448-8112	Spud Date: 10-01-13 Completed: 10-02-13
Contractor License: 32079	Location: SW-NW-NW-NE of 33-20-21E
T.D. : 725 T.D. of Pipe: 721 Size: 2.875"	4785 Feet From South
Surface Pipe Size: 7" Depth: 21'	3640 Feet From East
Kind of Well: Oil	County: Anderson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
27	Soil/Clay/Shale	0	27	2	Lime	567	569
3	Lime	27	30	19	Shale	569	588
4	Shale	30	34	1	Lime	588	589
23	Lime	34	57	9	Shale	589	598
23	Shale	57	80	52	Oil Sand	598	650
7	Lime	80	87	75	Shale	650	725
48	Shale	87	135				
10	Lime	135	145				
6	Shale	145	151				
38	Lime	151	189				
8	Shale	189	197				
8	Lime	197	205				
3	Shale	205	208				
13	Lime	208	221				
6	Shale/Black Shale	221	227				
3	Lime	227	230				
4	Shale	230	234				
5	Lime	234	239				
176	Shale	239	415				
3	Lime	415	418				
2	Shale	418	420				
8	Lime	420	428				
52	Shale	428	480		T.D.		725
11	Lime	480	491		T.D. of Pipe		721
16	Shale	491	507				
2	Lime	507	509				
28	Shale	509	537				
6	Lime	537	543				
24	Shale	543	567				