



# LEIS OIL SERVICES

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



<b>Operator License #:</b> 9267	<b>API #:</b> 15-003-26000-00-00
<b>Operator:</b> JRC Oil Co, Inc.	<b>Lease:</b> Cleveland
<b>Address:</b> PO Box 426 Garnett KS 66032	<b>Well #:</b> CD-48
<b>Phone:</b> 785-448-8112	<b>Spud Date:</b> 10-03-13 <b>Completed:</b> 10-04-13
<b>Contractor License:</b> 32079	<b>Location:</b> NW-NE-NE-NW of 33-20-21E
<b>T.D. :</b> 721 <b>T.D. of Pipe:</b> 719 <b>Size:</b> 2.875"	5115 <b>Feet From</b> South
<b>Surface Pipe Size:</b> 7" <b>Depth:</b> 21'	3250 <b>Feet From</b> East
<b>Kind of Well:</b> Oil	<b>County:</b> Anderson

## LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
34	Soil/Clay/Shale	0	34	2	Lime	575	577
2	Lime	34	36	35	Shale	577	612
5	Shale	36	41	44	Oil Sand	612	656
21	Lime	41	62	64	Shale	656	721
26	Shale	62	88				
1	Lime	88	89				
4	Shale	89	93				
60	Lime	93	153				
6	Shale	153	159				
39	Lime	159	198				
8	Shale/Black Shale	198	206				
22	Lime	206	228				
1	Shale	228	229				
2	Lime	229	231				
4	Shale	231	235				
3	Lime	235	238				
3	Shale	238	241				
6	Lime	241	247				
174	Shale	247	421				
2	Lime	421	423				
4	Shale	423	427				
9	Lime	427	436				
54	Shale	436	490		<b>T.D.</b>		<b>721</b>
11	Lime	490	501		<b>T.D. of Pipe</b>		<b>719</b>
11	Shale	501	512				
3	Lime	512	515				
2	Shale	515	517				
5	Lime	517	522				
53	Shale	522	575				