



# LEIS OIL SERVICES

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



<b>Operator License #:</b> 9267	<b>API #:</b> 15-003-25999-00-00
<b>Operator:</b> JRC Oil Co, Inc.	<b>Lease:</b> Cleveland
<b>Address:</b> PO Box 426 Garnett KS 66032	<b>Well #:</b> CF-48
<b>Phone:</b> 785-448-8112	<b>Spud Date:</b> 10-07-13 <b>Completed:</b> 10-08-13
<b>Contractor License:</b> 32079	<b>Location:</b> N2-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'	2970 <b>Feet From</b> East
<b>Kind of Well:</b> Oil	<b>County:</b> Anderson

## LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
30	Soil/Clay/Shale	0	30	13	Lime	548	561
20	Lime	30	50	9	Shale	561	570
10	Shale	50	60	2	Lime	570	572
6	Lime	60	66	10	Shale	572	582
71	Shale	66	137	3	Lime	582	585
11	Lime	137	148	5	Shale	585	590
6	Shale	148	154	2	Lime	590	592
11	Lime	154	165	14	Shale	592	606
3	Shale	165	168	4	Broken Oil Sand	606	610
27	Lime	168	195	40	Oil Sand	610	650
2	Black Shale	195	197	2	Broken Oil Sand	650	652
28	Lime	197	225	69	Shale	652	721
3	Black Shale	225	228				
3	Lime	228	231				
3	Shale	231	234				
15	Lime	234	249				
167	Shale	249	416				
2	Lime	416	418				
3	Shale	418	421				
12	Lime	421	433				
52	Shale	433	485				
7	Lime	485	492				
5	Shale	492	497		<b>T.D.</b>		<b>721</b>
2	Lime	497	499		<b>T.D. of Pipe</b>		<b>719</b>
9	Shale	499	508				
3	Lime	508	511				
27	Shale	511	538				
7	Lime	538	545				
3	Shale	545	548				