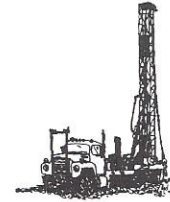


LEIS OIL SERVICES

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



Operator License #: 9267	API #: 15-003-26021-00-00
Operator: JRC Oil Co, Inc.	Lease: Daniel
Address: PO Box 426 Garnett KS 66032	Well #: DE-12
Phone: 785-448-8112	Spud Date: 10-11-13 Completed: 10-14-13
Contractor License: 32079	Location: SE-NW-NW of 4-20-21E
T.D. : 701 T.D. of Pipe: 698 Size: 2.875"	825 Feet From South
Surface Pipe Size: 7" Depth: 21'	675 Feet From East
Kind of Well: Oil	County: Anderson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
22	Soil/Clay/Shale	0	22	3	Lime	503	506
22	Lime	22	44	26	Shale	506	532
62	Shale	44	106	3	Lime	532	535
12	Lime	106	118	3	Shale	535	538
12	Shale	118	130	2	Lime	538	540
8	Lime	130	138	20	Shale	540	560
7	Shale	138	145	3	Lime	560	563
35	Lime	145	180	10	Shale	563	573
9	Shale	180	189	8	Lime	573	581
2	Lime	189	191	26	Shale	581	607
4	Shale	191	195	3	Light Oil Show	607	610
17	Lime	195	212	20	Oil Sand	610	630
8	Shale	212	220	71	Shale	630	701
2	Lime	220	222				
5	Shale	222	227				
3	Lime	227	230				
6	Shale	230	236				
6	Lime	236	242				
169	Shale	242	411				
2	Lime	411	413				
6	Shale	413	419				
9	Lime	419	428				
49	Shale	428	477		T.D.		701
2	Lime	477	479		T.D. of Pipe		
2	Black Shale	479	481				
8	Lime	481	489				
5	Shale	489	494				
2	Lime	494	496				
7	Shale	496	503				