



LEIS OIL SERVICES



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

Operator License #: 30345	API #: 15-001-30814-00-00		
Operator: Piqua Petro, Inc.	Lease: Startz		
Address: 1331 Xylan Rd Piqua, KS 66761	Well #: 9-13		
Phone: (620) 433-0099	Spud Date: 10-22-13	Completed: 10-24-13	
Contractor License: 34036	Location: NE-SW-NE-SW of 14-24-17E		
T.D. : 1262 T.D. of Pipe: 1258 Size: 2.875"	1840	Feet From	South
Surface Pipe Size: 7" Depth: 22'	1840	Feet From	East
Kind of Well: Oil	County: Allen		

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
7	Soil/Clay	0	7	7	Lime	801	808
38	Lime	7	45	6	Shale	808	814
120	Shale	45	165	3	Black Shale	814	817
14	Lime	165	179	6	Shale	817	823
9	Shale	179	188	4	Lime	823	827
6	Lime	188	194	34	Shale	827	861
11	Shale	194	205	2	Lime	861	863
54	Lime	205	259	4	Broken Sand	863	867
73	Shale	259	332	321	Shale	867	1188
76	Lime	332	408	3	Coal	1188	1191
6	Shale/Black Shale	408	414	9	Sandy Lime	1191	1200
23	Lime	414	437	16	Dark Shale	1200	1216
3	Black Shale	437	440	6	Broken Oil	1216	1222
27	Lime	440	467	40	Lime	1222	1262
164	Shale	467	631				
4	Lime	631	635				
18	Shale	635	653				
9	Lime	653	662				
67	Shale	662	729				
3	Lime	729	732				
5	Shale	732	737				
6	Lime	737	743				
5	Shale	743	748				
2	Lime	748	750				
11	Shale	750	761				
3	Lime	761	764				
17	Shale	764	781		T.D.		1262
9	Lime	781	790		T.D. of Pipe		1258
11	Shale	790	801				



Leis Oil Services, LLC

1410 150th Rd
Yates Center, KS 66783

Invoice

Date	Invoice #
11/8/2013	1018

Bill To
Piqua Petro, Inc. 1331 Xylan Rd Piqua, KS 66761

P.O. No.	Terms	Project
	Due on receipt	

Quantity	Description	Rate	Amount
1,241	Willie North 8-13	6.25	7,756.25
1	Mississippi Bit Charge	600.00	600.00
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
1,262	Startz 9-13	6.25	7,887.50
1	Mississippi Bit Charge	600.00	600.00
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
1,116	Wingrave 66-13	6.25	6,975.00
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
1,107	Wingrave 67-13	6.25	6,918.75
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
420	Little Kramer trenching	0.75	315.00
1,055	Wingrave 68-13	6.25	6,593.75
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
1,056	Wingrave 69-13	6.25	6,590.00
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
1,066	Wingrave 70-13	6.25	6,562.50
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
1,081	Wingrave 71-13	6.25	6,562.50
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
2	spread rock by barn on wingrave and cleared location for 72-13 along trees	45.00	90.00
		Total	\$50,000.00

