



LEIS OIL SERVICES

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



Operator License #: 30345	API #: 15-207-28668-00-00
Operator: Piqua Petro, Inc.	Lease: Little Kramer
Address: 1331 Xylan Rd Piqua, KS 66761	Well #: 1-13
Phone: (620) 433-0099	Spud Date: 9/6/13 Completed: 9/10/13
Contractor License: 34036 - Leis Oil Services	Location: SW-NE-NE-NE of 16-24S-17E
T.D. : 1261 T.D. of Pipe: 1257 Size: 2.875"	610 Feet From South
Surface Pipe Size: 7" Depth: 23'	610 Feet From East
Kind of Well: Oil	County: Woodson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
26	Soil/Clay	0	26	15	Shale	775	790
44	Lime	26	70	7	Lime	790	797
103	Shale	70	173	4	Shale	797	801
21	Lime	173	194	6	Lime	801	807
11	Shale	194	205	5	Shale	807	812
10	Lime	205	215	5	Lime	812	817
6	Shale	215	221	4	Shale/Black Shale	817	821
58	Lime	221	279	1	Lime	821	822
58	Shale	279	337	6	Shale	822	828
82	Lime	337	419	3	Lime	828	831
6	Shale/Black Shale	419	425	33	Shale	831	864
24	Lime	425	449	1	Lime	864	865
4	Shale/Black Shale	449	453	4	Shale	865	869
24	Lime	453	477	1	Lime	869	870
136	Shale	477	613	321	Shale	870	1191
5	Lime	613	618	1	Coal	1191	1192
23	Shale	618	641	6	Lime/Shale	1192	1198
3	Lime	641	644	15	Lime	1198	1213
19	Shale	644	663	1	Oil Break	1213	1214
10	Lime	663	673	7	Broken Oil/Lime	1214	1221
2	Shale	673	675	40	Lime	1221	1261
2	Lime	675	677				
68	Shale	677	745		T.D.		1261
3	Lime	745	748		T.D. of pipe		1257
4	Shale	748	752				
5	Lime	752	757				
14	Shale	757	771				
4	Lime	771	775				



ENTERED

TICKET NUMBER 43516
 LOCATION Eureka KS
 FOREMAN Shannon Feck

PO Box 884, Chanute, KS 66720
 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-11-13	4950	Little Kramer # 1-13				(10)
CUSTOMER			TRUCK #			
MAILING ADDRESS			DRIVER			
CITY			TRUCK #			
STATE			DRIVER			
ZIP CODE						

JOB TYPE 45 0 HOLE SIZE 6 7/8" HOLE DEPTH 1260' CASING SIZE & WEIGHT _____
 CASING DEPTH 1257' 6" DRILL PIPE _____ TUBING 2 7/8" OTHER _____
 SLURRY WEIGHT 13.6 # SLURRY VOL 9 Bbl WATER gal/sk 9.0 CEMENT LEFT in CASING d
 DISPLACEMENT 7.2 Bbl DISPLACEMENT PSI 200 MIX PSI Barry plug @ 600 RATE Displace @ 1 BPM
 REMARKS: Rig up to 2 7/8" Tubing, Break circulation & mixed 25 sks gel & circulate well for one hour, 3 Bbl H2O spacer, mixed 25 sks Thickset cement w/ 5 # Kol-seal/sk & 1 # phenoseal/sk @ 13.6 #/gal. Shut down wash out pump & lines, stuff two plugs & displace w/ 7.2 Bbl H2O. Final pumping pressure of 200 psi, bumped plugs @ 600 psi. Good circulation @ all times. Shut well in @ 500 psi. Job complete.

"Thanks Shannon & Crew"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1085.00	1085.00 ✓
5406	40	MILEAGE	4.20	168.00 ✓
1126A	25 SKS	Thickset Cement	20.16	504.00 ✓
1110A	125 #	Kol-seal @ 5 #/sk	.46	57.50 ✓
1107A	25 #	phenoseal @ 1 #/sk	1.35	33.75 ✓
5407	1.375 Tons	Ton mileage bulk Truck	m/c	368.00 ✓
1118B	1250 #	Gel flush	.22	275.00 ✓
4402	2	2 7/8" Rubber plugs	29.50	59.00 ✓
			Sub Total	2580.25
			SALES TAX	60.44 ✓
			ESTIMATED TOTAL	2640.69 ✓

Revin 3737

Shannon

260396

AUTHORIZATION by Greg Hair TITLE owner DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

