



# LEIS OIL SERVICES



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

Operator License #: 30345	API #: 15-207-28824-00-00
Operator: Piqua Petro, Inc.	Lease: Woods-Ellis
Address: 1331 Xylan Rd Piqua, KS 66761	Well #: 23-13
Phone: (620) 433-0099	Spud Date: 01-7-14 Completed: 01-17-14
Contractor License: 34036	Location: SW-SW-SW-SW of 5-24-17E
T.D. : 1242 T.D. of Pipe: 1240 Size: 2.875"	170 Feet From South
Surface Pipe Size: 7" Depth: 36'	170 Feet From West
Kind of Well: Oil	County: Woodson

## LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
19	Soil/Clay	0	19	2	Lime	810	812
8	Gravel	19	27	39	Shale	812	851
60	Shale	27	87	1	Lime	851	852
21	Lime	87	108	1	Shale	852	853
62	Shale	108	170	2	Lime	853	855
94	Lime	170	264	6	Oil Sand	855	861
81	Shale	264	345	314	Shale	861	1175
62	Lime	345	407	1	Coal	1175	1176
3	Shale/Black Shale	407	410	13	Shale	1176	1189
23	Lime	410	433	10	Lime	1189	1199
3	Black Shale	433	436	3	Oil Break	1199	1202
22	Lime	436	458	4	Lime	1202	1206
170	Shale	458	628	1	Oil Break	1206	1207
5	Lime	628	633	35	Shale	1207	1242
19	Shale	633	652				
10	Lime	652	662				
58	Shale	662	720				
4	Lime	720	724				
5	Shale	724	729				
11	Lime	729	740				
13	Shale	740	753				
4	Lime	753	757				
2	Black Shale	757	759		T.D.		1242
12	Shale	759	771		T.D. of Pipe		1240
9	Lime	771	780				
16	Shale	780	796				
8	Lime	796	804				
2	Black Shale	804	806				
4	Shale	806	810				



**CONSOLIDATED**  
Oil Well Services, LLC

265272

TICKET NUMBER 45823  
LOCATION Eureka  
FOREMAN Steve Mena

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
1-8-14	4950	Woodellis 23-13				Woodson
CUSTOMER Pigua Petroleum			TRUCK #			
MAILING ADDRESS 1331 Xylan Rd			DRIVER			
CITY Pigua			TRUCK #			
STATE KS		DRIVER				
ZIP CODE 66761		TRUCK #				
		DRIVER				

JOB TYPE Surface HOLE SIZE \_\_\_\_\_ HOLE DEPTH 35 CASING SIZE & WEIGHT 7"  
 CASING DEPTH 34' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT 1.360 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting: Rig up to 7" casing. Break circulation w/ Freshwater. Wash down 10'. Mix 255lbs Class A Cement w/ 3% Cacl<sub>2</sub>, 2% Gel + 1/2" Flo-Cele Purik. Displace w/ 1.360lbs Freshwater. Shut well in. Good cement Return to Surface. Job Complete Rig down.

*Thank you*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	870.00	870.00 ✓
5406	40	MILEAGE	4.20	168.00 ✓
11045	255SKS	Class A Cement	15.70	398.50 ✓
1102	140*	3% Cacl <sub>2</sub>	.78	109.20 ✓
1118B	100*	2% Gel	.22	22.00 ✓
1197	12 1/2*	Flo-Cele 1/2" Purik	2.47	30.88 ✓
5407	1.18 Tsn	Tsn mileage Bulk Truck	mic	368.00 ✓
			<input checked="" type="checkbox"/> completed	
			Sub Total	1960.58
			SALES TAX	39.65 ✓
			ESTIMATED	
			TOTAL	2000.23 ✓

Ravin 3737

AUTHORIZATION  TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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



265454

TICKET NUMBER 45197  
 LOCATION Eureka  
 FOREMAN Steve Mend

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
1-17-14	4950	Wood Ellis 23-13				Woodson
CUSTOMER Pigua Petroleum			TRUCK #			
MAILING ADDRESS 1331 Xylan Rd			DRIVER			
CITY Pigua			TRUCK #			
STATE KS		ZIP CODE 66761	DRIVER			
			485	Alan		
			515	Zeth-Salby		
			637	Jim		

JOB TYPE W/S 0 HOLE SIZE \_\_\_\_\_ HOLE DEPTH 1248' CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH 1241 DRILL PIPE \_\_\_\_\_ TUBING 2 3/8 OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT In CASING \_\_\_\_\_  
 DISPLACEMENT 7186bbls DISPLACEMENT PSI 400# Bump Plug 1200# MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 2 3/8 Tubing. Break Circulation w/ Fresh Water Mix 1250\* Gel + Circulate around Tubing for 1hr. Mix 25 slks Thickset Cement w/ 5\* Kal-seal + 1" phenoseal 20/sk. Shut down washout pump + line stuff 2 plugs. Displace w/ 7186bbls Freshwater. Final pumping pressure 400# Bump Plug to 1200#. Shut well in w/ 500#. Good Circulation while doing job. Job complete. Rig down

Thank you

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1085.00	1085.00 ✓
5466	40	MILEAGE	4.20	168.00 ✓
1126A	25 slks	Thick set cement	20.16	504.00 ✓
1110A	125*	Kal-Seal	.46	57.50 ✓
1107A	25*	Phenoseal	1.35	33.75 ✓
5407	1.37 ton	Ton mileage Bulk Truck	MIC	368.00 ✓
1118B	1250*	Gel. (Gel up well)	.22	275.00 ✓
5502C	3 1/2 hrs	80 bbl vacuum truck	90.00	315.00 ✓
1183	3000 gallon	CITY WATER	17.34/1000	51.90 ✓
4402	2	2 3/8 Rubber Plugs	29.50	59.00 ✓
			Sub Total	2917.15 ✓
			SALES TAX	70.15 ✓
			ESTIMATED TOTAL	2987.30 ✓

completed

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AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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

**Kepley Well Service, LLC**

19245 Ford Road  
Chanute, KS 66720

Greg Lair  
Piqua Petro  
1331 Xylan Road  
Piqua, KS 66761

Date	Invoice #
1/28/2014	48414

Woods East New Well  
Woodson County  
*23-13*

Terms	Due Date
	1/28/2014

Description	Qty	Rate	Amount
Pulling Unit 1-20-14 Wait on pipeline to backfill trench. Run pipe down outside to 760', fill with cement. Pull half pipe, fill up, pull rest of pipe. Top off.	3	100.00	300.00T
Pump Charge	1	500.00	500.00T
Cement	126	10.00	1,260.00T
Vacuum Truck	2.5	85.00	212.50T
Sales Tax		7.15%	162.48

<b>Total</b>	\$2,434.98
<b>Payments/Credits</b>	\$0.00
<b>Balance Due</b>	\$2,434.98