



# LEIS OIL SERVICES



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

Operator License #: 30345	API #: 15-207-28800-00-00
Operator: Piqua Petro, Inc.	Lease: Conger
Address: 1331 Xylan Rd Piqua, KS 66761	Well #: 3-13
Phone: (620) 433-0099	Spud Date: 12-10-13 Completed: 12-11-13
Contractor License: 34036	Location: NW-SW-SE-NE of 14-24-15E
T.D. : 1232 T.D. of Pipe: 1227 Size: 2.875"	3340 Feet From South
Surface Pipe Size: 7" Depth: 40'	825 Feet From East
Kind of Well: Oil	County: Woodson

## LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
6	Soil/Clay	0	6	3	Black Shale	1116	1119
9	Sandstone	6	15	1	Lime	1119	1120
122	Shale	15	137	4	Shale	1120	1124
10	Lime	137	147	12	Oil Sand	1124	1136
168	Shale	147	315	30	Shale	1136	1166
51	Lime	315	366	1	Lime	1166	1167
5	Shale	366	371	2	Shale	1167	1169
58	Lime	371	429	1	Lime	1169	1170
10	Shale	429	439	10	Oil Sand	1170	1180
168	Lime	439	607	52	Shale	1180	1232
50	Shale	607	657				
4	Lime	657	661				
6	Shale	661	667				
70	Lime	667	737				
7	Shale/Black Shale	737	744				
22	Lime	744	766				
5	Black Shale	766	771				
26	Lime	771	797				
175	Shale	797	972				
10	Lime	972	982				
60	Shale	982	1042				
2	Lime	1042	1044				
5	Shale	1044	1049				
9	Lime	1049	1058				
12	Shale	1058	1070				
4	Lime	1070	1074				
33	Shale	1074	1107		T.D.		1232
5	Lime	1107	1112		T.D. of Pipe		1227
4	Shale	1112	1116				

# Invoice



Leis Oil Services, LLC

1410 150th Rd  
Yates Center, KS 66783

Date	Invoice #
1/21/2014	1019

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

P.O. No.	Terms	Project
	Due on receipt	

Quantity	Description	Rate	Amount
1,081	Wingrave 72-13	6.25	6,756.25
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
2	Clearing trees for locations 72 and 77	45.00	90.00
1,082	Wingrave 76-13	6.25	6,762.50
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
1,070	Wingrave 77-13	6.25	6,687.50
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
1,232	Conger 3-13	6.25	7,700.00
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
1,277	Light 6-13	6.25	7,981.25
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
1	Made crossing across slough to get to location.	45.00	45.00
1,282	Light 10-13	6.25	8,012.50
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
1,254	Woods Ellis 21-13	6.25	7,837.50
1	Bit charge for Mississippi	600.00	600.00
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
1,242	Woods Ellis 23-13	6.25	7,762.50
1	Drill Pit	100.00	100.00
1	Bit Charge for Mississippi	600.00	600.00
1	Pulled Consolidated around the Wingrave and smoothed ruts after 76-13.	65.00	65.00





**CONSOLIDATED**  
Oil Well Services, LLC

264762

TICKET NUMBER 45804  
LOCATION Eureka  
FOREMAN Stevenson

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
12-12-13	4930	Conger #3-23	14	243	15E	Woodson
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			485	Alan		
CITY			667	Zevi		
STATE			637	Jim		
ZIP CODE						

JOB TYPE 4/s 0 HOLE SIZE \_\_\_\_\_ HOLE DEPTH 1232' CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH 1226' DRILL PIPE \_\_\_\_\_ TUBING 2 7/8 OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT 2256bbls DISPLACEMENT PSI 500\* MIX PSI Bump Plug 1000\* RATE \_\_\_\_\_

REMARKS: Safety Meeting. Rig up to 2 7/8 tubing. Break circulation w/ Fresh water. Mix 300# Gel Flush + 5bbl water spacer. Mix 150 sks 60/40 Poz mix w/ 5# Kal Seal per/sk 4% Gel, 1# phenaseal per/sk. Shut down wash mix pump & lines. Stuff 2 plugs. Displace w/ 2.15bbls fresh water. Final pump pressure 500\* Bump Plug 1000\* Shut well in 500\* Good cement Return to surface 5bbls to pit.  
 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
5406	40	MILEAGE	4.20	168.00
1131	150 sks	60/40 Poz mix Cement	13.18	1977.00
110A	750#	Kal Seal 5# per/sk	.46	345.00
1118D	500#	Gel 4%	.22	110.00
1102	130#	Cact 1%	.78	101.40
1118C	300#	Gel Flush	.22	66.00
5407	6.45 ton	Ton mileage Bulk Truck	mic	368.00
4402	2	2 7/8 Rubber Plug	29.50	59.00
55025	3 hrs	50 bbl Vacuum Truck	70.00	270.00
1123	2500 gallons	CITY WATER	19.25	48.25
			<input checked="" type="checkbox"/> completed	
			Sub Total	4592.65
			SALES TAX 7.15%	193.18
			ESTIMATED TOTAL	4785.83

Revin 3737

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

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's





**CONSOLIDATED**  
Oil Well Services, LLC

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

4TH Well

TICKET NUMBER 57547  
FIELD TICKET REF # 48932  
LOCATION Thayer  
FOREMAN Brett Busby

**TREATMENT REPORT**  
**FRAC & ACID**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-19-13		Conger 3-13				WO
CUSTOMER						
Piqua Petroleum Inc						
MAILING ADDRESS						
CITY STATE ZIP CODE						

TRUCK #	DRIVER	TRUCK #	DRIVER
476	Josh		
490	Donnie		
478	Tim		
582	Matt/Larry		
618T95	Joe		
489T90	Cody		

**WELL DATA**

CASING SIZE	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE <u>2 7/8 DEUF</u>	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
<u>1177-37</u> (21)	Squirrel
<u>1170-80</u> (21)	

**TYPE OF TREATMENT**

Acidspot + frac

**CHEMICALS**

KCSUBS - Biocide - Breaker  
Acid - Inhibitor - Stim Oil

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI
PAID	25	20			BREAKDOWN 2625
16-30		20		100#	START PRESSURE
12-20					END PRESSURE
12-20 Bio balls		20		3900#	BALL OFF PRESS
12-20 (10) + (5)		20			ROCK SALT PRESS
12-20 (5)					ISIP 625
12-20 (5) + (5)		15		4,000#	5 MIN
12-20 (5)		15			10 MIN
12-20 (5)		15		4,000#	15 MIN
FLUSH CASING	10	15			MIN RATE
Release balls to T.D.			TOTAL	12,000#	MAX RATE
OVERFLUSH	10	20	SAND		DISPLACEMENT 6.9
TOTAL BBS	300				

REMARKS:

Spotted 100 gal -15% HCL acid on perfs

Blend 200 gal raw HCL acid OTF w/ball drops

Location 1:15 PM - 2:00 PM 50 miles

AUTHORIZATION customer unavailable B.B. TITLE \_\_\_\_\_ DATE 12-19-13

Terms and Conditions are printed on reverse side.