



LEIS OIL SERVICES

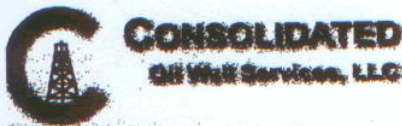
1410 150th Rd. • Yates Center, Kansas 66783 • (620) 212-0752



Operator License #: 30345	API #: 15-207-28841-00-00
Operator: Piqua Petro, Inc.	Lease: Hammond E
Address: 1331 Xylan Rd Piqua, KS 66761	Well #: 68-14
Phone: (620) 433-0099	Spud Date: 2-3-14 Completed: 2-13-14
Contractor License: 34036	Location: SW-SW-NW-NE of 8-24-16E
T.D.: 1110 T.D. of Pipe: 1106 Size: 2.875"	1180 Feet From North
Surface Pipe Size: 7" Depth: 42'	2470 Feet From East
Kind of Well: Oil	County: Woodson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
16	Soil/Clay	0	16	2	Shale	978	980
8	Lime	16	24	2	Black Shale	980	982
169	Shale	24	193	25	Shale	982	1007
41	Lime	193	234	13	Broken Sand	1007	1020
22	Shale	234	256	39	Oil Sand	1020	1059
209	Lime	256	465	61	Shale	1059	1110
11	Shale	465	476				
6	Lime	476	482				
38	Shale	482	520				
38	Lime	520	558				
21	Shale	558	579				
17	Lime	579	596				
9	Shale/Black Shale	596	605				
21	Lime	605	626				
5	Shale/Black Shale	626	631				
24	Lime	631	655				
161	Shale	655	816				
3	Lime	816	819				
23	Shale	819	842				
8	Lime	842	850				
55	Shale	850	905				
2	Lime	905	907				
3	Shale	907	910				
15	Lime	910	925				
13	Shale	925	938				
3	Lime	938	941				
3	Black Shale	941	944		T.D.		1110
30	Shale	944	974		T.D. of Pipe		1106
4	Lime	974	978				



P.O. Box 884, Chanute, KS 66720
 20-431-9210 or 800-467-8676

265977

TICKET NUMBER 45206
 LOCATION Eureka
 FOREMAN Steve Masal

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-15-14	4950	Hammond 68-14				Woodsan

CUSTOMER	TRUCK #	DRIVER	TRUCK #	DRIVER
Pigna Petroleum	485	Chris M.		
MAILING ADDRESS	611	Joey		
	637	Jim		

CITY	STATE	ZIP CODE
Pigna	KS	66761

JOB TYPE L/S 0 HOLE SIZE _____ HOLE DEPTH 1108' CASING SIZE & WEIGHT _____
 CASING DEPTH 1105 DRILL PIPE _____ TUBING 2 3/8 OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING _____
 DISPLACEMENT 6.44 bbls DISPLACEMENT PSI 4100* PUMP MIX PSI 1600* RATE _____

REMARKS: SOFTY Meeting. Rig up to 2 3/8 tubing. Break circulation by 3 bbls fresh water. Pump 200# Gel Flash + 5 bbl water spacer. Mix 145 lbs 60/40 Pozmix cement by 5# Kol-sal, 4% Gel + 1% Cacl2. Shutdown. Wash out pump + lines stuff 2 plugs. Displace by 6.44 bbls Fresh water Final pumping pressure 400# Bump Plug 1000#. Shut well in 500#. Good cement Return to surface. 6 bbl 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	145 lbs	60/40 Pozmix Cement	13.18	1911.10
1100A	200#	Kol-sal 5# per 1SA	.16	32.00
1118B	420#	Gel 420	.22	103.40
1102	120#	Cacl2 1%	.78	93.60
1118B	300#	Gel Flash	.22	66.00
5407	6.2270 n	Ten Mileage bulk Truck	mxc	368.00
5502c	3hrs	80 bbl vacuum truck	90.00	270.00
1123	2500 gallons	CITY WATER	17.79/1000	443.5
4202	2	2 3/8 Rubber Plug <input checked="" type="checkbox"/> completed	29.50	59.00
			SubTotal	4489.35
		21.5%	SALES TAX	185.77
			ESTIMATED TOTAL	4675.12

AUTHORIZATION [Signature] TITLE _____ DATE _____
 I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's contract records at our office, and conditions of service on the back of this form are in effect for services identified on this form.

Leis Oil Services, LLC

1410 150th Rd
Yates Center, KS 66783

Invoice

Date	Invoice #
3/22/2014	1020

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

P.O. No.	Terms	Project
	Due on receipt	

Quantity	Description	Rate	Amount
	Drilling- Hammond E 66-14	6.25	6,950.00
1	Drill Pits	100.00	100.00
10	Cement for Surface	11.60	116.00
	Drilling- Hammond E 67-14	6.25	6,931.25
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
	Drilling- Hammond E 68-14	6.25	6,937.50
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
	Drilling- Hammond E 69-14	6.25	6,893.75
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
	Drilling- Collins Bennett 15-14	6.25	5,550.00
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
	Drilling- Collins Bennett 16-14	6.25	7,562.50
1	Mississippi Drill Charge	600.00	600.00
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
	Drilling- Collins Bennett 17-14	6.25	5,518.75
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
	Drilling- Collins Bennett 18-14	6.25	5,556.25
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
	Drilling- Shannon 3-14	6.25	5,531.25
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
	Drilling- Shannon 4-14	6.25	7,543.75
1	Mississippi Drill Charge	600.00	600.00
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
	Drilling- Shannon 5-14	6.25	5,481.25
1	Drill Pit	100.00	100.00
		Total	



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

2nd well

TICKET NUMBER 58057
FIELD TICKET REF # 49034
LOCATION Thayer
FOREMAN Brett Busby

**TREATMENT REPORT
FRAC & ACID**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-5-14	4950	Hammond "E" 68-14	8	245	16E	WO
CUSTOMER Pigua Petro. Inc.			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS			476 Josh			
CITY STATE ZIP CODE			490 Larry R			
			482 Mark			
			521 Eric			
			619791 George			
			489790 Cody			

WELL DATA

CASING SIZE	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE <u>2 1/8 8EUE</u>	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
<u>1043-60 (34)</u>	<u>Squirrel</u>

TYPE OF TREATMENT
Acidspot + frac

CHEMICALS

<u>Kelsub - Biocide</u>	<u>- Breaker</u>
<u>Acid-Inhibitor</u>	<u>- StimOil</u>

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI
PAD	20	20			BREAKDOWN <u>1400</u>
16-20 sand		20	1.5-1.0	300#	START PRESSURE
12-20 sand		20	1.0		END PRESSURE
12-20 <u>310-balls</u>		1	2.0	3700#	BALL OFF PRESS
12-20 <u>(10)+(5)</u>		↓	1.5		ROCK SALT PRESS
12-20		↓	1.0		ISIP <u>650</u>
12-20		20	2.0	3,000#	5 MIN
12-20 <u>(5)+(5)</u>		18	1.5		10 MIN
12-20 <u>(3)+(2)+(30)</u>		18-20	1.0		15 MIN
12-20		20	2.0	2500#	MIN RATE
FLUSH CASING	10	20			MAX RATE
Release balls to T.D.			TOTAL	9,500#	DISPLACEMENT <u>6.2</u>
OVERFLUSH	10	20	SAND		
TOTAL	235				

REMARKS:
Spotted 75 gal -15% HCL acid on perfs
Blended 100 gal RAW HCL acid-OIF

Location 10:30AM - 11:30AM 50 miles
AUTHORIZATION [Signature] TITLE _____ DATE 3-5-14

Terms and Conditions are printed on reverse side.