

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	



266584

TICKET NUMBER 45860
 LOCATION Eureka
 FOREMAN Steve Arndt

Box 884, Chanute, KS 66720
 781-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-13-14	4950	Shannon # 4-14				Allen
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			485	Chris M		
CITY			667	Seth		
STATE			637	Jim		
ZIP CODE						
Pigua						
KS						
66761						

JOB TYPE 45 0 HOLE SIZE _____ HOLE DEPTH 1207' CASING SIZE & WEIGHT _____
 CASING DEPTH 1197' DRILL PIPE _____ TUBING 2 7/8 OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 6.95 bbls DISPLACEMENT PSI 500* ^{Bump} MIX plug 1100* RATE _____

REMARKS: Safety Meeting, Rig up to 2 7/8 Tubing. Break Circulation w/ 8.6 bbls Fresh water. Pump 200* Gel Flush & 5 bbl water spacer. Mix 150sts 60/40 Pozmix Cement w/ 5* Kal Seal, 4% Gel & 1% Calc. Shutdown. Washout pump & Lines. Stuff 2 plug. Displace w/ 6.95 bbls Fresh water. Final pumping Pressure 500* Bump Plug 1100*. Shut well in w/ 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	45	MILEAGE	4.20	189.00 ✓
1131	150sts	60/40 Pozmix Cement	13.18	1977.00 ✓
1107A	750*	Kal Seal 5* per/sk	.46	345.00 ✓
1118B	500*	Gel 4%	.22	110.00 ✓
1102	350*	Calc 1%	.78	195.00 ✓
1118B	200*	Gel Flush	.22	44.00 ✓
5407	6.45 Tan	Tan mileage Bulk Trucks	MIC	368.00 ✓
5502C	3 hrs	80 bbl/vacuum Truck	90.00	270.00 ✓
1123	3000 gallon	City water	17.30/1000	51.90 ✓
4402	2	2 7/8 Rubber Plug	29.50	59.00 ✓
		Sub Total		4693.90
			-30%	-801.30
				3892.60
			7.40%	146.57
		SALES TAX		146.57
		ESTIMATED TOTAL		4039.17

Cement + Gel completed

Ravin 3737

AUTHORIZATION Matt Leis TITLE Driller DATE _____



CONSOLIDATED
Oil Well Services, LLC

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

3RD well

TICKET NUMBER 58127
FIELD TICKET REF # 49059
LOCATION Thayer
FOREMAN Brett Busby

**TREATMENT REPORT
FRAC & ACID**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-21-14		Shannon 4-14				AD
CUSTOMER			TRUCK #			
Picus Petro. Inc			476	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			490	George		
CITY			478	Mark		
STATE			521	Eric		
ZIP CODE			443	Wes		
			679102	Junior		

WELL DATA

CASING SIZE	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE <u>2 7/8 REG</u>	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
<u>1035-38 (7) Squirrel</u>	

TYPE OF TREATMENT
Acid spot + frac w/acid OTF

CHEMICALS
Biocide - Breaker
Acid-Inhibitor - Stim Oil

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI
PAD	15	12-14			BREAKDOWN 1800
16-30		14	.25		START PRESSURE
16-30		14	.5	300#	END PRESSURE
12-20		14	.5		BALL OFF PRESS
12-20			1.0		ROCK SALT PRESS
12-20			1.0		ISIP 600
12-20			1.5		5 MIN
12-20			1.5		10 MIN
12-20			1.5		15 MIN
12-20			1.5	1,200#	MIN RATE
FLUSH CASING	6	14			MAX RATE
OVERFLUSH	10	14	TOTAL	1,500#	DISPLACEMENT 6.0
TOTAL BBL'S	85		SAND		

REMARKS:

15%
Spotted 75 gal - ~~RAW~~ HCL acid
Blend 100 gal RAW HCL acid OTF
Location 12:00 PM - 12:30 PM 40 miles

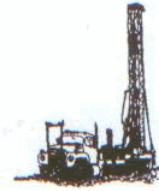
AUTHORIZATION [Signature] TITLE _____ DATE 3-21-14

Terms and Conditions are printed on reverse side.



LEIS OIL SERVICES

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



Operator License #: 30345		API #: 15-001-30928-00-00	
Operator: Piqua Petro, Inc.		Lease: Shannon	
Address: 1331 Xylan Rd Piqua, KS 66761		Well #: 4-14	
Phone: (620) 433-0099		Spud Date: 3-11-14 Completed: 3-13-14	
Contractor License: 34036		Location: NW-NW-NE-NW of 14-25-17E	
T.D. : 1207 T.D. of Pipe: 1197 Size: 2.875"		500	Feet From North
Surface Pipe Size: 7" Depth: 22'		1300	Feet From West
Kind of Well: Oil		County: Allen	

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
6	Soil/Clay	0	6	7	Lime	765	772
8	Broken Lime	6	14	5	Shale	772	777
129	Shale	14	143	3	Black Shale	777	780
13	Lime	143	156	2	Shale	780	782
7	Shale	156	163	4	Lime	782	786
68	Lime	163	231	27	Shale	786	813
45	Shale	231	276	1	Lime	813	814
14	Lime	276	290	12	Oil Sand	814	826
9	Shale	290	299	66	Shale	826	892
85	Lime	299	384	79	Sandy Shale	892	971
4	Shale/Black Shale	384	388	1	Lime	971	972
20	Lime	388	408	60	Shale	972	1032
3	Black Shale	408	411	2	Coal	1032	1034
36	Lime	411	446	2	Oil Sand	1034	1036
172	Shale	446	618	3	Coal	1036	1039
11	Lime	618	629	33	Shale	1039	1072
64	Shale	629	693	77	Sand	1072	1149
5	Lime	693	698	2	Coal	1149	1151
4	Shale	698	702	12	Sandy Shale	1151	1163
11	Lime	702	713	44	Lime	1163	1207
6	Shale	713	719				
4	Lime	719	723				
2	Black Shale	723	725				
4	Shale	725	729				
4	Lime	729	733				
2	Black Shale	733	735				
20	Shale	735	755		T.D.		1207
6	Lime	755	761		T.D. of Pipe		1197
4	Shale	761	765				