



LEIS OIL SERVICES

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



Operator License #: 30345	API #: 15-001-30995-00-00
Operator: Piqua Petro, Inc.	Lease: Shannon
Address: 1331 Xylan Rd, Piqua, KS 66761	Well #: 12-14
Phone: (620) 433-0099	Spud Date: 5-21-14 Completed: 5-22-14
Contractor License: 34036	Location: SE-NW-NE-NW of 14-25-17E
T.D. : 874 T.D. of Pipe: 868 Size: 2.875"	510 Feet From North
Surface Pipe Size: 7" Depth: 22'	1790 Feet From West
Kind of Well: Oil	County: Allen

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
1	Soil and Clay	0	1	4	Shale	766	770
14	Lime	1	15	3	Black Shale	770	773
129	Shale	15	144	3	Shale	773	776
21	Lime	144	165	4	Lime	776	780
7	Shale	165	172	24	Shale	780	804
54	Lime	172	229	2	Lime	804	806
5	Shale	229	234	11	Oil Sand	806	817
2	Lime	234	236	57	Shale	817	874
35	Shale	236	271				
11	Lime	271	282				
16	Shale	282	298				
71	Lime	298	369				
7	Shale/Black Shale	369	376				
25	Lime	376	401				
4	Shale/Black Shale	401	405		T.D. of Pipe		868
33	Lime	405	438		T.D.		874
173	Shale	438	611				
13	Lime	611	624				
67	Shale	624	691				
5	Lime	691	696				
3	Black Shale	696	699				
17	Broken Lime	699	716				
5	Shale	716	721				
4	Lime	721	725				
2	Black Shale	725	727				
22	Shale	727	749				
3	Lime	749	752				
6	Shale	752	758				
8	Lime	758	766				

Leis Oil Services, LLC

1410 150th Rd
Yates Center, KS 66783

Invoice

Date	Invoice #
6/1/2014	1026

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

P.O. No.	Terms	Project
	Due on receipt	

Quantity	Description	Rate	Amount
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
1,238	Drilling Diebolt 6-14	6.25	7,737.50
1	Mississippi Bit Charge	600.00	600.00
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
878	Drilling Shannon 13-14	6.25	5,487.50
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
874	Drilling Shannon 12-14	6.25	5,462.50
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
879	Drilling Shannon 14-14	6.25	5,493.75
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
865	Shannon 15-14	6.25	5,406.25
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
1,222	Diebolt 7-14	6.25	7,637.50
1	Mississippi Bit Charge	600.00	600.00
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
3	Making crossing through stream on Diebolt (3hours)	45.00	135.00
Total			\$39,909.60



CONSOLIDATED
Oil Well Services, LLC

268398

TICKET NUMBER 45958
LOCATION Euoker KS
FOREMAN Jeremy L Austin

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
5/22/14	4950	Shannon 12-14				Allen
CUSTOMER <u>Piqua Pet</u>			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS			640 John W.			
CITY STATE ZIP CODE			445 Soey			
			611 Jeremy A			
			637 Merle			

JOB TYPE L/S HOLE SIZE 5 7/8 HOLE DEPTH 976' CASING SIZE & WEIGHT 8 5/8
 CASING DEPTH 870 DRILL PIPE TUBING 2 7/8 OTHER _____
 SLURRY WEIGHT 13.6 SLURRY VOL _____ WATER gal/sk 8.6 CEMENT LEFT In CASING _____
 DISPLACEMENT 5 DISPLACEMENT PSI 400 MIX PSI 900 RATE _____

REMARKS: safety meeting rigged up trucks hooked up to 2 7/8 well brake circulation
ran 200' Gel Flush with a 5 bbl pad of fresh water behind it then pump 120 SKS of
60/40 Poz mix Cement shut down washed pump + lines stuffed 2, 2 7/8 Rubber plugs
in tubing hooked back up to head displaced 5 bbls @ 400 lbs landed plugs @ 900 lbs
released back to 500 lbs shut it in rig down trucks head to shop

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1085.00	1085.00
5408	45	MILEAGE	4.20	189.00
1131	120 SKS	60/40 4% Poz mix Cement	13.18	1581.60
1110A	600#	100-SEAL 5# Per SACK	.46	276.00
1118B	400#	Coal 4%	.22	88.00
1102	100#	Circle 1%	.78	78.00
1107A	60#	1/2 16 Pheno	1.35	81.00
1118B	200#	Gel Flush	.22	44.00
5407	5.16 tons	Ten mileage Bulktruck		368.00
4402	2	2 7/8 Rubber Plugs	29.50	59.00
1123	3000 Gal	City water	17.30	51.90
5502C		Pumpout 30 SAC	70.00	
5502C	3 MTS	80 VAC	90.00	270.00
				4171.50
		30% Discount		644.58
				3526.92
		7.4%	SALES TAX	119.50
			ESTIMATED	
			TOTAL	3646.42

Ravin 9737

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

2nd

TICKET NUMBER 58517

FIELD TICKET REF # 49264

LOCATION Thayer

FOREMAN Bidett Budby

**TREATMENT REPORT
FRAC & ACID**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-9-14		Shannon #12				AK

CUSTOMER <u>Pigu Petroleum Inc</u>		
MAILING ADDRESS		
CITY	STATE	ZIP CODE

TRUCK #	DRIVER	TRUCK #	DRIVER
476			

CASING SIZE	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE <u>2 7/8 EUE</u>	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
<u>807-22 (32)</u>	<u>Squirrel</u>

TYPE OF TREATMENT

CHEMICALS

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI
PAD	20				
16-30				300#	BREAKDOWN 1600
12-20					START PRESSURE
12-20 <u>Bioballs</u>				2200#	END PRESSURE
12-20 <u>(10) + (5) balls</u>					BALL OFF PRESS
					ROCK SALT PRESS
				1500#	ISIP <u>625</u>
					5 MIN
					10 MIN
					15 MIN
FLUSH CASING	5			1500#	MIN RATE
					MAX RATE
OVERFL	10		TOTAL	5,500#	DISPLACEMENT <u>4.8</u>
TOTAL BBL'S	175		SAND		

REMARKS: Spotted 75 gal -15% HCL acid on perfs

Location 10:10 AM - 10:45 AM 40 mi

AUTHORIZATION customer left site TITLE _____ DATE _____

Terms and Conditions are printed on reverse side.