



KANSAS CORPORATION COMMISSION 1083764  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 30345  
Name: Piqua Petro, Inc.  
Address 1: 1331 XYLAN RD  
Address 2: \_\_\_\_\_  
City: PIQUA State: KS Zip: 66761 + 1667  
Contact Person: Greg Lair  
Phone: (620) 433-0099  
CONTRACTOR: License # 32079  
Name: Leis, John E.  
Wellsite Geologist: None  
Purchaser: Maclaskey

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     WSW     SWD     SLOW  
 Gas     D&A     ENHR     SIGW  
 OG     GSW     Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic     Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_

<u>03/05/2012</u>	<u>03/06/2012</u>	<u>05/17/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-207-28067-00-00

Spot Description: \_\_\_\_\_  
NE NE NE NE Sec. 8 Twp. 24 S. R. 16  East  West  
170 Feet from  North /  South Line of Section  
170 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Woodson  
Lease Name: Hammond E Well #: 1-12  
Field Name: Vernon

Producing Formation: Squirrel  
Elevation: Ground: 1051 Kelly Bushing: 0  
Total Depth: 1114 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 41 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 41  
feet depth to: 0 w/ 8 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 0 bbls  
Dewatering method used: Evaporated  
Location of fluid disposal if hauled offsite:  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Garrison Date: 06/11/2012



1083764

Operator Name: Piqua Petro, Inc. Lease Name: Hammond E Well #: 1-12  
 Sec. 8 Twp. 24 S. R. 16  East  West County: Woodson

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum See Attachment
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12	7	20	41	Regular	8	
Longstring	5.625	2.875	6.5	1112	60/40 Pozmix	140	Gel 4%

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD	-			
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
1	Perf from 1004.5 to 1014.5 w/14	75 gal 15% HCL acid	
1.	Perf from 1050 to 1056 w/9		

TUBING RECORD: Size: 1 Set At: 1049 Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**Leis Oil Services, LLC**

1410 150th Rd  
Yates Center, KS 66783

**Invoice**

Number: 1001

Date: April 10, 2012

**Bill To:**

Greg Lair  
Piqua Petro  
1331 Xylan Rd  
Piqua, KS 66761

**Ship To:**

Greg Lair  
Piqua Petro  
1331 Xylan Rd  
Piqua, KS 66761

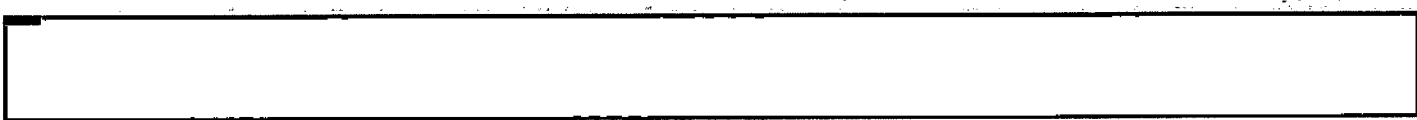
PO Number	Terms	Project
		10 wells March 2012

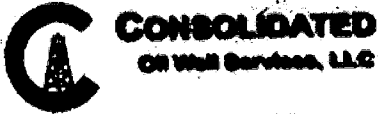
Date	Description	Hours	Rate	Amount
3-5-12	Drill pit	100.00	1.00	100.00
3-5-12	cement for surface	8.00	11.00	88.00
3-6-12	Hammond E 1-12	1,114.00	6.25	6,962.50
3-7-12	Drill pit	100.00	1.00	100.00
3-7-12	cement for surface	8.00	11.00	88.00
3-12-12	Hammond E 8-12	1,103.00	6.25	6,893.75
3-13-12	Drill pit	100.00	1.00	100.00
3-13-12	cement for surface	8.00	11.00	88.00
3-14-12	Wingrave 56-12	1,083.00	6.25	6,768.75
3-15-12	Drill pit	100.00	1.00	100.00
3-15-12	cement for surface	8.00	11.00	88.00
3-16-12	Wingrave 55-12	1,103.00	6.25	6,893.75
3-19-12	cement for surface	8.00	11.00	88.00
3-26-12	Wingrave 57-12	1,103.00	6.25	6,893.75
3-27-12	Drill pit	100.00	1.00	100.00

*PD Full Amount 4/10/12*

0 - 30 days	31 - 60 days	61 - 90 days	> 90 days	Total
\$72,974.25	\$0.00	\$0.00	\$0.00	\$72,974.25

*#13579*





ENTERED

TICKET NUMBER 36306

LOCATION Euro kg

FOREMAN Steve Neal

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
2-7-12	4950	Hammond E #1-12				Woodson
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Pigna Petroleum			485	Alan M.		
MAILING ADDRESS			611	Chris B.		
1331 Xylan Rd.			637	Mark S.		
CITY	STATE	ZIP CODE				
Pigna	Ks					

JOB TYPE Long string HOLE SIZE \_\_\_\_\_ HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH 1112 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT 6 1/2 DISPLACEMENT PSI 500 MIX PSI Bump Play 1200 RATE \_\_\_\_\_

REMARKS: Safety meeting. Rig up to 2 3/4 Tubing. Break circulation with 6 bbls Fresh water. Pump 300 gal Flush & 5 bbls water spacer. Mix 140 sks 60/40 Perm mix Cement with 5 gal Kol-Seal, 4 gal Gel & 1 gal Cocoz. Shut down. Wash out pump & lines. Stuff 2 plugs. Displace with 6 1/2 bbls Fresh water. Final pumping. Pressure 500 psig. Bump Play 1200 psig. Bleed pressure down to 500 psig. Shut well in. Good Cement Returns to surface. Job complete. Rig down.

Thank you

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1030.00	1030.00
5406	40	MILEAGE	4.00	160.00
1121	140 sks	60/40 Perm mix Cement	12.55	1757.00
1110A	560 gal	Kol-Seal 5 gal per sk	46	257.60
1118B	480 gal	Gel 4 gal	21	100.80
1102	120 gal	Cocoz 1 gal	74	88.80
1118B	300 gal	Gel Flush	21	63.00
5407	6.02 Tons	Tan Milage Bulk Truck	M/S	350.00
4402	2	2 3/4 Tap Rubber Plugs	28.00	56.00
5502C	3 hrs	80 bbl Vacuum Truck	90.00	270.00
1103	2000 gallons	CITY WATER	16.50/1000	49.50
			Subtotal	4182.70
			SALES TAX 7.5%	173.20
			ESTIMATED TOTAL	4355.90

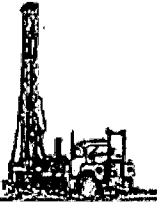
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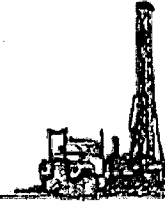
AUTHORIZATION: [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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



111 East Mary • Yates Center, Kansas 66783 • (620) 625-3676

Operator License #: 30345	API #: 15-207-28067-00-00
Operator: Piqua Petro, Inc.	Lease: Hammond E
Address: 1331 Xylan Rd Piqua, KS 66761	Well #: 1-12
Phone: 620.433.0099	Spud Date: 3/5/12 Completed: 3/6/12
Contractor License: 32079	Location: NE-NE-NE-NE of 8-24S-16E
T.D. : 1114 T.D. of Pipe: 1112	170 Feet From North
Surface Pipe Size: 7" Depth: 41'	170 Feet From East
Kind of Well: Oil	County: Woodson

## LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
4	Soil and Clay	0	4	3	Broken Sand	1013	1016
3	Lime	4	7	32	Shale	1016	1048
193	Shale	7	200	1	Lime	1048	1049
53	Lime	200	253	4	Oil Sand	1049	1053
17	Shale	253	270	5	Shale w/ sand	1053	1058
156	Lime	270	426	56	Shale	1058	1114
3	Black Shale	426	429				
61	Lime	429	490				
38	Shale	490	528				
75	Lime	528	603				
3	Shale	603	606				
3	Black Shale	606	609				
22	Lime	609	631				
3	Shale	631	634				
3	Black Shale	634	637				
24	Lime	637	661				
189	Shale	661	850				
8	Lime	850	858				
59	Shale	858	917				
2	Lime	917	919				
5	Shale	919	924		T.D.		1114
17	Lime	924	941		T.D. of Pipe		1112
6	Shale	941	947				
3	Lime	947	950				
11	Shale	950	961				
27	Broken Lime	961	988				
15	Shale	988	1003				
10	Oil Sand	1003	1013				





**CONSOLIDATED**  
Oil Well Services, LLC

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

*2nd well*

TICKET NUMBER 56759  
FIELD TICKET REF # 47388  
LOCATION Thayer  
FOREMAN Brett Busby

#1-12  
Hammond E TREATMENT REPORT  
FRAC & ACID. 8

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-29-12		<del>Hammond E</del>	<del>86</del>	245	18E	WO
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Piqua Petro, Inc			476	Tash	489T103	Stan
MAILING ADDRESS			490	Donnic	618T95	Marvin
CITY			478	Tim	619T91	George
STATE			582	Wes		
ZIP CODE			424	Eric		
			489T102	Tim		

WELL DATA		TYPE OF TREATMENT	
GASING SIZE	TOTAL DEPTH	Acidspot + Frac	
CASING WEIGHT	PLUG DEPTH	CHEMICALS	
TUBING SIZE <u>2 7/8 8EUF</u>	PACKER DEPTH	Kelsub Biocide - Breaker	
TUBING WEIGHT	OPEN HOLE	Acid-Inhibitor - Stim-Oil	
PERFS & FORMATION			
<u>1004.5-145 (14)</u>	<u>Squiggel</u>		
<u>1050-56 (9)</u>			

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
PAD	20	20				BREAKDOWN 1995
20-40		20		3000		START PRESSURE
12-20		20				END PRESSURE
12-20		20		3200		BALL OFF PRESS
Bio-balls (5)		16				ROCK SALT PRESS
12-20	12				6000	ISIP 82.5
12-20 Release to Blender						5 MIN
12-20 Blend 200 gal		4			3500	10 MIN
12-20 raw Acid		3				15 MIN
12-20 O.T.F.		8-12				MIN RATE
FLUSH CASING	10	12-16				MAX RATE
Release balls to T.D.			TOTAL	6500		DISPLACEMENT 6.1
OVERFLUSH	20	16-20	SAND		1700	
TOTAL BBL'S	220					

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

Location 10:45AM - 12:00PM 45 miles

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE 3-29-12

Terms and Conditions are printed on reverse side.

