



KANSAS CORPORATION COMMISSION 1083882  
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 #: \_\_\_\_\_  
03/13/2012    03/14/2012    05/22/2012  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-207-28078-00-00  
Spot Description: \_\_\_\_\_  
S2\_N2\_SE\_NW Sec. 16 Twp. 24 S. R. 16  East  West  
3485 Feet from  North /  South Line of Section  
1980 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Woodson  
Lease Name: Wingrave Well #: 56-12  
Field Name: Vernon  
Producing Formation: Squirrel  
Elevation: Ground: 1034 Kelly Bushing: 0  
Total Depth: 1088 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



1083882

Operator Name: Piqua Petro, Inc. Lease Name: Wingrave Well #: 56-12  
 Sec. 16 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 (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Attachments	
Electric Log Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Submitted Electronically (If no, Submit Copy)	<input type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			

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	1082	60/40 Pozmix	140	Gel 4%, Cacl 1%

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 (Amount and Kind of Material Used)	Depth
1	972 to 978 w/ 9	75 gal 15% HCL acid	
1	1019 to 1029 w/14		

TUBING RECORD:	Size: <u>1</u>	Set At: <u>1016</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <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

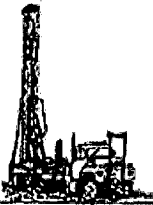
Date	Description	Hours	Rate	Amount
3-5-12	Drill pit	100.00	1.00	100.00
3-5-12	cement for surface	8.00	11.00	88.00
3-6-12	Hammond E 1-12	1,114.00	6.25	6,962.50
3-7-12	Drill pit	100.00	1.00	100.00
3-7-12	cement for surface	8.00	11.00	88.00
3-12-12	Hammond E 8-12	1,103.00	6.25	6,893.75
3-13-12	Drill pit	100.00	1.00	100.00
3-13-12	Cement for surface	8.00	11.00	88.00
3-14-12	Wingrave 56-12	Depth - 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

*Full Amount 4/10/12*

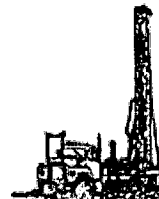
0 - 30 days	31 - 60 days	61 - 90 days	> 90 days	Total
\$72,974.25	\$0.00	\$0.00	\$0.00	\$72,974.25

*#13579*





# LEIS OIL SERVICES



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

Operator License #: 30345	API #: 15-207-28078-00-00
Operator: Piqua Petro, Inc.	Lease: Wingrave
Address: 1331 Xylan Rd Piqua, KS 66761	Well #: 56-12
Phone: 620.433.0099	Spud Date: 3/13/12 Completed: 3/14/12
Contractor License: 32079	Location: S2-N2-SE-NW of 16-24-16E
T.D. : 1103 T.D. of Pipe: <del>1101</del> 1082	3485 Feet From South
Surface Pipe Size: 7" Depth: 41'	1980 Feet From West
Kind of Well: Oil	County: Woodson

## LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
12	Soil and Clay	0	12	12	Shale	942	954
143	Shale	12	155	9	Lime	954	963
53	Lime	155	208	11	Shale	963	974
6	Shale	208	214	4	Lime	974	979
134	Lime	214	348	17	Shale	979	991
204	Lime	260	464	12	Oil Sand	991	1003
15	Shale	464	479	32	Shale	1003	1035
6	Lime	479	485	1	Lime	1035	1036
35	Shale	485	520	3	Shale	1036	1039
3	Lime	520	523	1	Lime	1039	1040
5	Shale	523	528	8	Oil Sand	1040	1048
72	Lime	528	600	55	Shale	1048	1103
3	Black Shale	600	603				
18	Lime	603	621				
2	Shale	621	623				
3	Black Shale	623	626				
25	Lime	626	651				
159	Shale	651	810				
3	Lime	810	813				
22	Shale	813	835				1083
10	Lime	835	845		T.D.		<del>1103</del>
59	Shale	845	904		T.D. of Pipe		<del>1101</del>
3	Lime	904	907				1082
3	Shale	907	910				
13	Lime	910	923				
13	Shale	923	936				
4	Lime	936	940				
2	Black Shale	940	942				





**CONSOLIDATED**  
Oil Well Services, LLC



TICKET NUMBER 36312

LOCATION Eureka

FOREMAN Steve Mead

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-487-8676

**FIELD TICKET & TREATMENT REPORT**

**CEMENT** 15-207-28078

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-15-12	4950	Wingrove 5612	16	24S	12E	Woodson
CUSTOMER <u>Pigna Petroleum</u>			TRUCK #			
MAILING ADDRESS <u>1331 Xylan Rd</u>			DRIVER <u>Alan M</u>		TRUCK #	
CITY <u>Pigna</u>			DRIVER <u>Chris B</u>		TRUCK #	
STATE <u>KS</u>		ZIP CODE		DRIVER		

JOB TYPE Long string HOLE SIZE \_\_\_\_\_ HOLE DEPTH 1088' CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH 1080 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/ak \_\_\_\_\_ CEMENT LEFT IN CASING \_\_\_\_\_  
 DISPLACEMENT 6.85 bbls DISPLACEMENT PSI 500\* 2 3/4" plug 1200\* RATE \_\_\_\_\_

REMARKS: Safety Meeting. Rig up to 2 3/4" tubing. Break circulation with 6 bbls fresh water. Pump 300\* Gel Flush + 5 bbls water spacer. Mix 140 SKS 60/40 Poz mix cement w/ 5" Kel-seal, 4% Gel, 1% Caclz. Shut down. Wash out pump & lines. Stuff 2 plug. Displace with 6.85 bbls fresh water. Final pumping pressure 500\* Pump Plug 1200\*. Break off pressure to 500\* 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
	1	PUMP CHARGE	1030.00	1030.00
	40	MILEAGE	4.00	160.00
1191	140 SKS	60/40 Poz mix cement	12.55	1757.00
1110A	560*	Kel-seal 5" pos/sk	.46	257.60
1118B	480*	Gel 4%	.21	100.80
1202	120*	Caclz 1%	.74	88.80
1118B	300*	Gel Flush	.21	63.00
5407	6.02 tons	Ten mileage Bulk Truck	m/c	350.00
4402	2	2 3/4" Top Bu. or plug	28.00	56.00
			Sub Total	2863.20
			SALES TAX	169.59
			ESTIMATED TOTAL	4032.79

AUTHORIZATION [Signature] TITLE Contractor 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.



**CONSOLIDATED**  
Oil Well Services, LLC

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

1st well

TICKET NUMBER 56758

FIELD TICKET REF # 47387

LOCATION Thayer

FOREMAN Robert Purdy

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

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-29-12		Wingrove # 56-12	16	29S	16E	WO
CUSTOMER <u>Piqua Petro, Inc.</u>			* Safety meeting attendees			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			476	Josh	4881103	Stan
STATE			490	Donnie	618T95	Marvin
ZIP CODE			478	Tim	619T91	George
			582	Wes		
			424	Eric		
			4881102	Junior		

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>972-78</u> (9)	<u>Squirrel</u>
<u>1019-29</u> (14)	

TYPE OF TREATMENT
<u>Acid spot 1 - Acid Frac w/acid OTF</u>
CHEMICALS
<u>KCL-sub - Biocide - Breaker</u>
<u>Acid - Inhibitor - SIMOIL</u>

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI
<u>PAID</u>	<u>20</u>	<u>20</u>			
<u>20-40</u>		<u>20</u>		<u>300#</u>	
<u>12-20</u>					
<u>12-20</u>				<u>3200#</u>	
<u>Bio-balls (6) + (3)</u>		<u>20-19</u>			
<u>12-20</u>		<u>19</u>			
<u>12-20</u>				<u>1,500#</u>	
<u>Bio-balls (2)</u>		<u>19-16</u>			<u>3,000</u>
<u>12-20</u>		<u>16</u>			
<u>12-20</u>		<u>16</u>		<u>1,500#</u>	
<u>FLUSH CASING</u>	<u>10</u>	<u>16</u>			
<u>Release balls to T.D. x 2</u>			<u>TOTAL</u>	<u>6,500#</u>	
<u>OVERFLUSH</u>	<u>15</u>	<u>20</u>	<u>SAND</u>		<u>1500</u>
<u>TOTAL</u>	<u>180</u>				

REMARKS: held safety - procedure meeting before jobs  
Spotted 75 gal. - 15% HCL acid in pits  
\* Blend 150 gal raw HCL acid OTF  
Location 9:30 AM - 10:30 AM 45 miles  
 AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE 3-29-12

Terms and Conditions are printed on reverse side.