

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

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 + \_\_\_\_\_  
Contact Person: GREG LAIR  
Phone: ( 620 ) 433-0099  
CONTRACTOR: License # 32079  
Name: LEIS OIL SERVICES, LLC  
Wellsite Geologist: \_\_\_\_\_  
Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW  
 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>01/06/11</u>	<u>01/07/11</u>	<u>02/10/11</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 207-27770-0000  
Spot Description: \_\_\_\_\_  
   NW SW SW Sec. 5 Twp. 24 S. R. 17  East  West  
700 Feet from  North /  South Line of Section  
165 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: WOODSON  
Lease Name: WOODS-ELLIS Well #: 11-10  
Field Name: NEOSHO FALLS-LEROY  
Producing Formation: SQUIRREL  
Elevation: Ground: 997 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1242 Plug Back Total Depth: 1238  
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: 1238  
feet depth to: SURFACE w/ 135 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

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

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

**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.

Signature: [Signature]  
Title: Agent Date: 2/22/11

**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: DJG Date: 3/2/11

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**FEB 28 2011**  
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Operator Name: PIQUA PETRO INC Lease Name: WOODS-ELLIS Well #: 11-10  
 Sec. 5 Twp. 24 S. R. 17  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 checked="" type="checkbox"/> Yes <input 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: <b>GAMMA RAY/NEUTRON</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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	9.875	7.00		41	60/40POZ	35	
LONGSTRING	5.625	2.875		1238	OWC	135	
PRODUCTION		1.00		TO SEATING NIPPLE			

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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
2	PERF AT 1196.25 TO 1199.75 W/7 SHOTS		
	PERF AT 1202.75 TO 1206.25 W/7 SHOTS		

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. 02/10/11		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. 1	Gas Mcf	Water Bbls. 1
			Gas-Oil Ratio 1:1

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" 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)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <b>RECEIVED</b> <b>FEB 28 2011</b>
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**CONSOLIDATED**  
Oil Well Services, LLC

**ENTERED**

TICKET NUMBER 30099  
LOCATION Eureka  
FOREMAN Steve Mead

PO Box 884, Chanute, KS 66720  
820-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-8-11	4950	Wood-Ellis # 11-10				Woodson
CUSTOMER <u>Pigou Petroleum</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>1331 Xylan Rd.</u>			<u>445</u>	<u>Chris Russ</u>		
CITY <u>Pigou</u>			<u>515</u>	<u>Jim</u>		
STATE <u>Ks</u>						
ZIP CODE						

JOB TYPE Longstring HOLE SIZE 5 3/4 HOLE DEPTH 1241' CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH 1240' DRILL PIPE \_\_\_\_\_ TUBING 2 3/8 OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5\* SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING 0'  
 DISPLACEMENT 2.17 DISPLACEMENT PSI 500\* MIX-POL Bump Plug 1000\* RATE \_\_\_\_\_

REMARKS: SAFETY Meeting: Rig up to 2 3/8 Tubing w/ Head & Manifold. Break Circulation with Freshwater. Mix 300\* Gel Flush 15 bbls Fresh Water. Mix 135 sks OWC Cement w/ 1/2" Phenoseal per/sk AT 13.5\*. Shut down wash out Pump & Lines. Release plugs Displace with 2.17 bbls Fresh Water. Final Pumping Pressure 500\* Bump Plug 1000\* Release Pressure Plug held. Rig down. Put Swedge & Valve Pressure Tubing up to 800\*. Shut in 800\*.  
Job Complete Rig down

(Note Good Cement RETURNS TO SURFACE Thank you  
5 bbl slurry TO PIT)

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	925.00	925.00
5406	30	MILEAGE	3.65	109.50
1126	135 sks	OWC Cement	17.00	2295.00
1107A	68*	Pheno Seal 1/2" per/sk	1.15	78.30
1118B	300*	Gel Flush	.20	60.00
5407		Ten Mileage Bulk Truck	MIC	315.00
4402	2	2 3/8 Top Rubber Plugs	23.00	46.00
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			Sub Total	3828.70
			SALES TAX	180.99
			ESTIMATED TOTAL	4009.69

Rev'n 3737

289103

AUTHORIZATION J. Roberts TITLE Driller 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



**ENTERED**

TICKET NUMBER 30161

LOCATION Eureka KS

FOREMAN Rick Ledford

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
1-5-11	4950	Woods-Gillis 11-10				Woodson
CUSTOMER <u>Piqua Petroleum</u>			Safety meeting at job			
MAILING ADDRESS <u>1331 Xylan Rd</u>						
CITY <u>Piqua</u>	STATE <u>KS</u>	ZIP CODE	TRUCK # <u>520</u>	DRIVER <u>Cliff</u>	TRUCK #	DRIVER
			<u>513</u>	<u>Dave</u>		

JOB TYPE surface HOLE SIZE 9 7/8 HOLE DEPTH 42' CASING SIZE & WEIGHT 7"  
 CASING DEPTH 42' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.8\* SLURRY VOL \_\_\_\_\_ WATER gal/sk 7.0 CEMENT LEFT in CASING 5'  
 DISPLACEMENT 1.5 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting - Rig up to casing. Break circulation w/ 5 Bbl fresh water. Washdown 12' to PSTD. Mixed 35 sacks 100/40 Permiv cement w/ 2% cacl2 + 2% gel @ 11.8\* / gal. Displace w/ 1.5 Bbls fresh water. Shut casing in w/ good cement returns to surface. Job complete. Rig down.

" Thank You "

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
59013	1	PUMP CHARGE	725.00	725.00
5406	206	MILEAGE well of 2	n/c	n/c
1131	35 sacks	100/40 Permiv cement	11.35	397.25
1102	600*	2% cacl2	.75	45.00
1186	100*	2% gel	.20	12.00
5407		ten mileage built truck	n/c	315.00
			subtotal	1494.25
			SALES TAX	33.17
			ESTIMATE TOTAL	1527.42

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*Handwritten signature*

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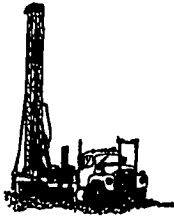
AUTHORIZATION \_\_\_\_\_

TITLE \_\_\_\_\_

DATE FEB 28 2011

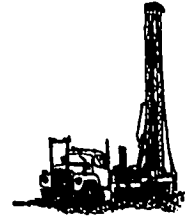
I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

KCC WICHITA



# LEIS OIL SERVICES

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



<b>Operator License #:</b> 30345	<b>API #:</b> 207-27770-0000
<b>Operator:</b> Piqua Petro, Inc.	<b>Lease:</b> Woods Ellis
<b>Address:</b> 1331 Xylan Rd, Piqua, KS. 66761	<b>Well #:</b> 11-10
<b>Phone:</b> 620.433.0099	<b>Spud Date:</b> 1/6/11 <b>Completed:</b> 1/7/11
<b>Contractor License:</b> 32079	<b>Location:</b> SE-NW-SE-SE of 5-24-17E
<b>T.D. :</b> 1242 <b>T.D. of Pipe:</b> 1238	750 <b>Feet From</b> <b>South</b>
<b>Surface Pipe Size:</b> 7" <b>Depth:</b> 41'	165 <b>Feet From</b> <b>East</b>
<b>Kind of Well:</b> Oil	<b>County:</b> Woodson

## LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
23	Soil & Clay	0	23	10	Lime	735	745
7	Gravel & Sand	23	30	13	Shale	745	758
59	Shale	30	89	3	Lime	758	761
35	Lime	89	124	14	Shale	761	775
55	Shale	124	179	27	Lime	775	802
31	Lime	179	210	3	Shale	802	805
9	Shale	210	219	3	Lime	805	808
55	Lime	219	274	3	Black Shale	808	811
57	Shale	274	331	3	Shale	811	814
4	Lime	331	335	2	Lime	814	816
26	Shale	335	361	36	Shale	816	852
52	Lime	361	413	1	Lime	852	853
3	Black Shale	413	416	2	Shale	853	855
6	Lime	416	422	1	Lime	855	856
6	Shale	422	428	7 (est)	Oil Sand	856	863
12	Lime	428	440	312	Shale	863	1175
2	Black Shale	440	442	1	Coal	1175	1176
8	Lime	442	450	16	Shale	1176	1192
3	Black Shale	450	453	2	Chert	1192	1194
6	Lime	453	459	6	Good Bleed	1194	1200
2	Shale	459	461	2	White Lime	1200	1202
16	Lime	461	477	2	Chert	1202	1204
158	Shale	477	635	1	Good Oil	1204	1205
12	Lime	635	647	6	White Lime	1205	1211
10	Shale	647	657	1	Oil Bleed	1211	1212
9	Lime	657	666	3	White Lime	1212	1215
61	Shale	666	727	2	Chert	1215	1217
3	Lime	727	730	23	Broken lime	1217	1242
5	Shale	730	735				

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**CONSOLIDATED**  
Oil Well Services, LLC

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

TICKET NUMBER 51405

FIELD TICKET REF # 44843

LOCATION Thayer

FOREMAN Gary Wikel

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

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-13-11	4950	Woods-Ellis #11-10	5	24	17	WO
CUSTOMER <u>Greg Lauer</u>			TRUCK #			
MAILING ADDRESS			DRIVER			
CITY			TRUCK #			
STATE			DRIVER			
ZIP CODE			TRUCK #			
			DRIVER			

WELL DATA

CASING SIZE <u>2 1/2</u>	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
<u>1196.25-1199.75</u>	<u>7 (11) MISSISSIPPI</u>
<u>1202.75-1206.25</u>	

TYPE OF TREATMENT  
Acid Spot / Acidize

CHEMICALS

<u>1000 15% HCl Acid</u>	<u>Customer Water</u>
<u>Inhibitor</u>	
<u>Stim Oil</u>	
<u>Silt Separator Iron Control</u>	

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI
<u>7</u>					<u>pump into @</u>
					BREAKDOWN <u>600</u>
					START PRESSURE <u>1</u>
					END PRESSURE
					BALL OFF PRESS
					ROCK SALT PRESS
					ISIP <u>300</u> <u>11:00</u>
					5 MIN <u>150</u> <u>11:38</u>
					10 MIN <u>75</u> <u>10</u>
					15 MIN <u>20</u> <u>05</u>
					MIN RATE
					MAX RATE
					DISPLACEMENT

REMARKS: Spot 75 acid to perfs. - Mississippi to 500 psi - established rate 3.5 bpm - 925 acid  
dropped 4 balls after 500 acid - flush - overflush 8.661 -  
shut in

AUTHORIZATION \_\_\_\_\_ TITLE \_\_\_\_\_ DATE FEB 28 2011

Terms and Conditions are printed on reverse side.

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