

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

API No. 15: 207-27605-0000  
Spot Description: \_\_\_\_\_  
NW NW NW Sec. 21 Twp. 24 S. R. 16  East  West  
170 Feet from  North /  South Line of Section  
630 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: WOODSON  
Lease Name: KARMANN Well #: 05-09  
Field Name: VERNON

Wellsite Geologist: \_\_\_\_\_  
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.): \_\_\_\_\_

Producing Formation: SQUIRREL  
Elevation: Ground: N/A 1073 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1100 Plug Back Total Depth: 1094  
Amount of Surface Pipe Set and Cemented at: 42 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 1094  
feet depth to: SURFACE w/ 100 sx cmt.

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 #: \_\_\_\_\_  
05/28/10 05/28/10 7/16/10  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

**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: PRESIDENT Date: 7/19/10

**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: Dg Date: 8/17/10

Operator Name: PIQUA PETRO, INC. Lease Name: KARMANN Well #: 05-09  
 Sec. 21 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 Wireline 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>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
List All E. Logs Run: <b>GAMMAN RAY/NEUTRON</b>	

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"		42 FT	REG	8	
PRODUCTION	5 3/4"	2 7/8" 8RD BLK STL		1094	OWC	100	

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
EVERY 9 INCHES	14 SHOTS FROM 1034' TO 1044'		

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TUBING RECORD:	Size: <u>1"</u>	Set At: <u>1084</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>7/16/10</u>		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. <u>1</u>	Gas Mcf	Water Bbls. <u>1</u>	Gas-Oil Ratio <u>1:1</u>
				Gravity <u>26</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input checked="" 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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**CONSOLIDATED**  
Oil Well Services, LLC

**ENTERED**

TICKET NUMBER 28775

LOCATION EUREKA

FOREMAN KEVIN McCoy

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
6-2-10	4950	KARMANN 05-09				Woodson
CUSTOMER <u>Pigua Petroleum</u>			John Leis			
MAILING ADDRESS <u>1331 Xylan Rd.</u>						
CITY <u>Pigua</u>	STATE <u>Ks</u>	ZIP CODE	TRUCK # <u>445</u>	DRIVER <u>Justin</u>	TRUCK #	DRIVER
			<u>515</u>	<u>ALLEN B</u>		

JOB TYPE Longstring HOLE SIZE 5 3/4 HOLE DEPTH 1100' CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH 1091 2 7/8 DRILL PIPE \_\_\_\_\_ TUBING 2 7/8 1091' OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5\* SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0'  
 DISPLACEMENT 6.4 BBL DISPLACEMENT PSI 600 PSI 900 shut in RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 2 7/8 Tubing. Break Circulation w/ 10 BBL Fresh water.  
Pump 4 sks Gel Flush, 5 BBL water spacer. Mixed 100 sks OWC Cement w/ 1/2" Pheno Seal  
1sk @ 13.5\*/gal. Wash out Pump & Lines. Drop 2 Plugs. Displace Plugs w/ 6.4 BBL  
Fresh water. Final Pumping Pressure 600 PSI. Bump Plugs to 1100 PSI. Shut in @ 900 PSI.  
Good Cement Returns to Surface. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	900.00	900.00
5406	30	MILEAGE 1 <sup>st</sup> well of 2	3.55	106.50
1126	100 SKS	OWC Cement	16.50	1650.00
1107 A	50*	Pheno Seal 1/2" 1sk	1.12*	56.00
1118 A	200*	Gel Flush	.17*	34.00
5407	5.2 TONS	Ton Mileage	M/C	305.00
4402	2	2 7/8 Top Rubber Plugs	23.00	46.00
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			KCC WICHITA	
			Sub Total	3097.50
			SALES TAX 6.8%	112.52
			ESTIMATED TOTAL	3210.02

THANK YOU 234581  
 AUTHORIZATION Witnessed By Adam TITLE Pigua Petroleum Co. Rep. DATE 6-2-10

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, LLC.**

507 S. State  
Yates Center, KS 66783

# Invoice

Number: 1002

Date: June 09, 2010

**Bill To:**

Greg Lair  
Piqua Petro  
1331 Xylan Rd  
Piqua, KS 66761

**Ship To:**

Greg Lair  
Piqua Petro  
1331 Xylan Rd  
Piqua, KS 66761

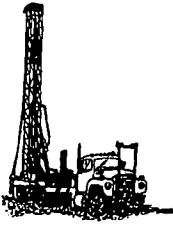
PO Number	Terms	Project
		Karmann 05-09

Date	Description	Hours	Rate	Amount
05/28/2010	Cement for Surface	8.00	11.00	88.00
05/28/2010	Pit	100.00	1.00	100.00
05/29/2010	Drilling for Karmann 05-09	1,100.00	5.75	6,325.00
<b>Total</b>				<b>\$6,513.00</b>

*RD*  
*#111*  
*13146*  
*6/8/10*

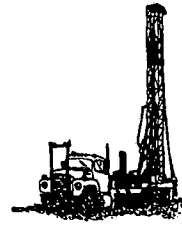
0 - 30 days	31 - 60 days	61 - 90 days	> 90 days	Total
\$6,513.00	\$0.00	\$0.00	\$0.00	\$6,513.00

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# LEIS OIL SERVICES

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



<b>Operator License #:</b> 30345	<b>API #:</b> 207-27605-0000
<b>Operator:</b> Piqua Petro, Inc.	<b>Lease:</b> Karmann
<b>Address:</b> 1331 Xylan Rd Piqua KS 66761	<b>Well #:</b> 05-09
<b>Phone:</b> (620) 433-0099	<b>Spud Date:</b> 05-28-10 <b>Completed:</b> 05-28-10
<b>Contractor License:</b> 32079	<b>Location:</b> NW-NW-NW of 21-24-16E
<b>T.D.:</b> 1100 <b>T.D. of Pipe:</b> 1094	170 <b>Feet From</b> North
<b>Surface Pipe Size:</b> 7" <b>Depth:</b> 42'	630 <b>Feet From</b> West
<b>Kind of Well:</b> Oil	<b>County:</b> Woodson

## LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
4	Soil	0	4	1	Shale	974	975
18	Shale	4	22	2	Lime	975	977
4	Sandstone	22	26	6	Shale	977	983
149	Shale	26	175	2	Lime	983	985
49	Lime	175	224	44	Shale	985	1029
25	Shale	224	249	1	Lime	1029	1030
189	Lime	249	438	2	Shale	1030	1032
66	Shale	438	504	1	Lime	1032	1033
109	Lime	504	613	8	Oil Sand	1033	1041
4	Shale	613	617	59	Shale	1041	1100
5	Lime	617	622				
2	Shale	622	624				
11	Lime	624	635				
2	Shale	635	637				
3	Lime	637	641				
161	Shale	641	802				
34	Lime	802	836				
2	Shale	836	838				
5	Lime	838	843		T.D.		1100
56	Shale	843	899		T.D. of Pipe		1094
2	Lime	899	901				
3	Shale	901	904				
19	Lime	904	923				
7	Shale	923	930				
6	Lime	930	936				
13	Shale	936	949				
9	Lime	946	958				
11	Shale	958	969				
5	Lime	969	974				

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**CONSOLIDATED**  
Oil Well Services, LLC

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

*5th well*

TICKET NUMBER 50705  
FIELD TICKET REF # 4/4/97  
LOCATION Thayer  
FOREMAN Gaywick

**TREATMENT REPORT  
FRAC & ACID**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-23-10	4950	<i>Permian - 05-09</i>	<i>21</i>	<i>24</i>	<i>16</i>	<i>WCO</i>
CUSTOMER			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS			<i>524 L...</i>			
CITY STATE ZIP CODE			<i>492 Al...</i>			
			<i>213 Josh</i>			
			<i>458/145 Tom...</i>			
			<i>458/112 George</i>			

**WELL DATA**

CASING SIZE <i>22</i>	TOTAL DEPTH <i>1078</i>
CASING WEIGHT	PLUG DEPTH
TUBING SIZE	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
<i>1034-44</i> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;"><i>14</i></span>	

**TYPE OF TREATMENT**

*Acid / Breakdown*

**CHEMICALS**

<i>20' acid / Breaker</i>	<i>75 15% HCl acid</i>
<i>Bracke</i>	<i>Trub...</i>
<i>Clay Stop</i>	<i>Stim...</i>

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
<i>Pad</i>	<i>15</i>	<i>11</i>				<b>BREAKDOWN</b> <i>1750</i>
<i>20/10</i>				<i>300</i>		<b>START PRESSURE</b>
<i>12/20</i>				<i>1700</i>		<b>END PRESSURE</b>
<i>12/20 5+1 balls</i>				<i>700</i>		<b>BALL OFF PRESS</b>
<i>12/20</i>				<i>1300</i>		<b>ROCK SALT PRESS</b>
<i>Flush</i>						<b>ISIP</b> <i>500</i>
<i>Release balls</i>						<b>5 MIN</b>
<i>Over-Flush</i>	<i>5</i>	<i>12.5</i>				<b>10 MIN</b>
						<b>15 MIN</b>
	<i>135</i>			<i>4500</i>		<b>MIN RATE</b>
						<b>MAX RATE</b>
						<b>DISPLACEMENT</b>

REMARKS: *Spot acid to pack - breakdown and stage*

AUTHORIZATION \_\_\_\_\_ TITLE \_\_\_\_\_ DATE RECEIVED

Terms and Conditions are printed on reverse side.

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