

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: 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 #: _____
12/23/10 12/23/10 01/14/11
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 207-27764-0000
Spot Description: _____
SW NE NE NW Sec. 16 Twp. 24 S. R. 16 East West
640 Feet from North / South Line of Section
2,050 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: WOODSON
Lease Name: WINGRAVE Well #: 39-10
Field Name: VERNON
Producing Formation: SQUIRREL
Elevation: Ground: _____ Kelly Bushing: _____
Total Depth: 1082 Plug Back Total Depth: 1072
Amount of Surface Pipe Set and Cemented at: 40 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 1072
feet depth to: SURFACE w/ 145 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: 1/31/11

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: [Signature] Date: 2/11/11
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Operator Name: PIQUA PETRO INC Lease Name: WINGRAVE Well #: 39-10
 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 <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 checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: GAMMA RAY/NEUTRON	<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		40	REG	9	
LONGSTRING	5.625	2.87		1072	60/40 POZ	145	
PRODUCTION		1		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
EVERY 9 IN	3 PERFS FROM 1010 TO 1012	SPOTTED 75 GAL 15% HCL ACID	
	14 PERFS FROM 1014 TO 1024		

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. 01/14/11		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
			Gravity 25

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input 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)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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4TH well

TICKET NUMBER **51358**

FIELD TICKET REF # **49838**

LOCATION **Thayer**

FOREMAN **Brett Busby**

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

**TREATMENT REPORT
FRAC & ACID**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-30-10		Wingrave 39-10	16	24S	16E	WO
CUSTOMER Piqua Petroleum			TRUCK #			
MAILING/ADDRESS			DRIVER			
CITY			TRUCK #			
STATE			DRIVER			
ZIP CODE			TRUCK #			
			DRIVER			
			TRUCK #			
			DRIVER			
			TRUCK #			
			DRIVER			
			TRUCK #			
			DRIVER			

WELL DATA

CASING WEIGHT	PLUG DEPTH
TUBING SIZE 2 7/8 8EUE	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
1010-12 (3)	Squeered
1014-24 (14)	

TYPE OF TREATMENT
Acid spot - FRAC

CHEMICALS
Clay control - Biocide - Breaker
Acid - inhibitor - Stim Oil

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI
PAD	20	16			BREAKDOWN 1525
20-40		16	5-1.0	300#	START PRESSURE
12-20		16	1.0		END PRESSURE
12-20		16	1.5	2700#	BALL OFF PRESS
Bio-balls (1)		16	1.5		ROCK SALT PRESS
12-20		16	1.75		ISIP 725
12-20		16	1.75		5 MIN
Bio-balls (2)		16-12	1.75	1,000#	10 MIN
12-20		12	1.0		15 MIN
12-20		16	2.0	1,000#	MIN RATE
FLUSH CASING	8	16			MAX RATE
Release balls to T.D.					DISPLACEMENT 5.9
OVER FLUSH	10	16	TOTAL	5,000#	
TOTAL BBL'S	150		SAND		

REMARKS:

spotted 75 gal - 15% HCL acid on perfs
load 9 bio-balls

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Location **1:45 PM - 2:30 PM**

50 miles

AUTHORIZATION

TITLE

DATE **12-30-10**

PO Box 884, Chanute, KS 66720
820-431-9210 or 800-487-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
12-23-10	4950	Windgrove 39-10				Woodson	
CUSTOMER		Safety meeting Col Jim		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS				520	Cliff		
CITY		STATE	ZIP CODE	441	Jim		
Piqua		KS					

JOB TYPE log string HOLE SIZE 5 7/8" HOLE DEPTH 1079' CASING SIZE & WEIGHT _____
 CASING DEPTH 1072' DRILL PIPE _____ TUBING 2 7/8" OTHER _____
 SLURRY WEIGHT 13.8" SLURRY VOL 39 bbl WATER gal/sk 7.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 6.2 bbl DISPLACEMENT PSI 500 PSI 1000 bump plug RATE _____

REMARKS: Safety meeting- Rig up to 2 7/8" tubing. Break circulation w/ 5 bbl fresh water. Pump to sea gel-flush, 5 water spacer. Mixed 145 sacks 60/40 Perm cement w/ 4# Kol-seal/sr, 1% cacl₂ + 4% gel @ 13.8"/gal. Washout pump + lines shut down. release 2 plugs. Displace w/ 6.2 bbl fresh water. Final pump pressure 500 PSI. Bump plugs to 1000 PSI. wait 2 minutes, release pressure. float + plug held. close casing 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	925.00	925.00
5406	0	MILEAGE 2nd well of 2	n/c	n/c
1131	145 sacks	60/40 Perm cement	11.35	1645.75
110A	580 #	4# Kol-seal/sr	.42	243.60
1102	125 #	1% cacl ₂	.75	93.75
1118A	500 #	4% gel	.20	100.00
1118B	300 #	gel-flush	.20	60.00
5407	6.24	tan mileage bulk trk	n/c	315.00
4402	2	2 7/8" top rubber plugs	23.00	46.00
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			KGC WICHITA	
			2.3%	
			Subtotal	3429.10
			SALES TAX	159.80
			ESTIMATED TOTAL	3588.90

Form 5737

238883

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, LLC

507 S. State
Yates Center, KS 66783

Invoice

Number: 1001

Date: December 28, 2010

Bill To:

Greg Lair
Piqua Petro
1331 Xylan Rd
Piqua, KS 66761

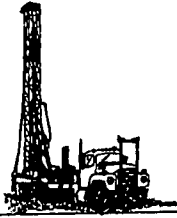
Ship To:

Greg Lair
Piqua Petro
1331 Xylan Rd
Piqua, KS 66761

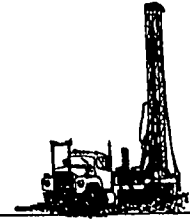
PO Number	Terms	Project		
		Wingrave 39-10		
Date	Description	Hours	Rate	Amount
12/23/10	Clearing location and digging pit with dozer	2.00	80.00	160.00
12/23/10	Cement for Surface	9.00	12.00	108.00
12/23/10	Drilling for Wingrave 39-10	1,080.00	5.75	6,210.00
Total				\$6,478.00

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0 - 30 days	31 - 60 days	61 - 90 days	> 90 days	Total
\$6,478.00	\$0.00	\$0.00	\$0.00	\$6,478.00



LEIS OIL SERVICES



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

Operator License #: 30345	API #: 207-27764-00-00
Operator: Piqua Petro, Inc.	Lease: Wingrave
Address: 1331 Xylan Rd Piqua, KS 66761	Well #: 39-10
Phone: 620.433.0099	Spud Date: 12/23/10 Completed: 12/23/10
Contractor License: 32079	Location: SW-NE-NE-NW of 16-24-16E
T.D.: 1082 T.D. of Pipe: 1072	640 Feet From North
Surface Pipe Size: 7" Depth: 43'	2050 Feet From East
Kind of Well: Oil	County: Woodson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
12	Soil and Clay	0	12	3	Shale	931	934
128	Shale	12	140	4	Lime	934	938
190	Lime	140	330	4	Shale	938	942
14	Shale	330	344	4	Lime	942	946
66	Lime	344	410	13	Shale	946	959
63	Shale	410	473	2	Lime	959	960
79	Lime	473	552	4	Shale	960	964
2	Shale	552	554	1	Lime	964	965
4	Black Shale	554	558	1	Shale	965	966
2	Shale	558	560	8	Oil Sand	966	974
24	Lime	560	584	37	Shale	974	1011
3	Black Shale	584	587	10	Oil Sand	1011	1021
26	Lime	587	613	59	Shale	1021	1080
163	Shale	613	776				
3	Lime	776	779				
23	Shale	779	802				
11	Lime	802	813				
57	Shale	813	870				
3	Lime	870	873				
4	Shale	873	877				
3	Lime	877	880		T.D.		1080
2	Shale	880	882		T.D. of pipe		1072
8	Lime	882	890				
11	Shale	890	901				
4	Lime	901	905				
3	Black Shale	905	908				
13	Shale	908	921				
10	Lime	921	931				

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