

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

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 _____ SWD _____ SIOW
_____ Gas _____ ENHR _____ SIGW
_____ CM (Coal Bed Methane) _____ Temp. Abd.
_____ Dry _____ Other _____
(Core, WSW, Expl., Cathodic, 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
_____ Plug Back: _____ Plug Back Total Depth
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
11/09/09 11/10/09 12/08/09
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 207-27531-0000
Spot Description: SW4
NE SE NW SW Sec. 16 Twp. 24 S. R. 16 East West
1750 Feet from North / South Line of Section
1080 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: WOODSON
Lease Name: WINGRAVE Well #: 27-09
Field Name: VERNON
Producing Formation: SQUIRREL
Elevation: Ground: N/A Kelly Bushing: _____
Total Depth: 1101 Plug Back Total Depth: 1098
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: 1098
feet depth to: SURFACE w/ 135 sx cmt.

Drilling Fluid Management Plan AH II NUR 1-5-10
(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 No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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.

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: 12/17/09
Subscribed and sworn to before me this 17th day of December,
20 09.

Notary Public: Brenda L. Morris
BREND A. MORRIS
Date: 12/17/09
My Appt. Expires 5-20-10

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
DEC 21 2009
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Operator Name: PIQUA PETRO, INC. Lease Name: WINGRAVE Well #: 27-09
 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 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 <i>(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	12"	7"		42	REGULAR	11	
LONGSTRING	5 3/4"	2 7/8"		1098	60/40 POZMIX	135	1%CAL, 4%GEL

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 (Amount and Kind of Material Used)	Depth
1 EVERY 9 INCHES	PERF FROM 1048.5 TO 1058.5 W/ 14 SHOTS	75 GAL 15% ACID	

TUBING RECORD: <u>1"</u> Size: <u>1098</u> Set At: <u>1098</u> Packer At: _____ Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>12/08/09</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 <u>1</u> Bbls. Gas <u>1</u> Mcf Water <u>1</u> Bbls. Gas-Oil Ratio <u>1:1</u> Gravity <u>32</u>

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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <div style="text-align: center; border: 1px solid black; padding: 5px; font-weight: bold;">RECEIVED</div>
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TREATMENT REPORT
FRAC & ACID

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-7-09		Misgraw 2709	16	29	16	WO
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Greg Carr DBA: Puma Petro			524	Josh		
MAILING ADDRESS			482	Morris		
CITY			488/1102	Steve		
STATE			293	London		
ZIP CODE						

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	
098.5-59.5 (14)	

TYPE OF TREATMENT
Acid spot/Sand Fracture

CHEMICALS

Customer Water	25-15% HCl Acid
20# Gel/Breaker	100# breaker
Bioocide	N-34

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI
Pad					BREAKDOWN <u>1200</u>
20/10				300	START PRESSURE
12/20				1200	END PRESSURE
4/10 312 balls				500	BALL OFF PRESS
12/20				1000	ROCK SALT PRESS
Push-over					ISIP <u>550</u>
Release Balls					5 MIN
					10 MIN
					15 MIN
Totals	117			3000	MIN RATE
					MAX RATE
					DISPLACEMENT

REMARKS: Spot acid to perfor - breakdown and stage

LEIS OIL SERVICES

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

Operator License #: 30345	API #: 207-27531-0000
Operator: Piqua Petro, Inc.	Lease: Wingrave
Address: 1331 Xylan Rd Piqua, KS 66761	Well #: 27-09
Phone: 620.433.0099	Spud Date: 11.09.09 Completed: 10.10.09
Contractor License: 32079	Location: NE-SE-NW-SW of 16-24-16E
T.D. : 1101 T.D. of Pipe: 1098	1750 Feet From South
Surface Pipe Size: 7" Depth: 42'	1080 Feet From West
Kind of Well: Oil	County: Woodson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
6	Soil and Clay	0	6	5	Lime	981	986
183	Shale	6	189	2	Shale	986	988
27	Lime	189	216	2	Lime	988	990
7	Shale	216	223	50	Shale	990	1040
227	Lime	223	450	2	Lime	1040	1042
53	Shale	450	503	5	Shale	1042	1047
49	Lime	503	552	12	Oil Sand	1047	1059
8	Shale	552	560	42	Shale	1059	1101
62	Lime	560	622				
4	Shale	622	626				
26	Lime	626	652				
162	Shale	652	814				
4	Lime	814	818				
22	Shale	818	840				
9	Lime	840	849				
5	Shale	849	854				
2	Lime	854	856		T.D.		1101
31	Shale	856	887		T.D. of Pipe		1098
4	Lime	887	891				
19	Shale	891	910				
4	Lime	910	914				
3	Shale	914	917				
13	Lime	917	930				
12	Shale	930	942				
4	Lime	942	946				
17	Shale	946	963				
5	Lime	963	968				
13	Shale	968	981				

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CONSOLIDATED
Oil Well Services, LLC



ENTERED

TICKET NUMBER 23785
LOCATION Eureka
FOREMAN Stevenson

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
11-13-09	4950	Wingrave # 27-9				Woodson
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Pigna Petroleum			485	Alan		
MAILING ADDRESS			515	Ed		
1331 Xylan Rd			437	Jim		
CITY	STATE	ZIP CODE				
Pigna	Ks					

JOB TYPE Log string HOLE SIZE 5 3/4 HOLE DEPTH 1101' CASING SIZE & WEIGHT 2 7/8
 CASING DEPTH 1200' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 6.3 DISPLACEMENT PSI 900* MIX PSI Bump Plug 1300* RATE _____

REMARKS: Safety Meeting: Rig up to 2 7/8 Tubing. Break circulation with 6 bbls Fresh water. Mix 200* Gel Flush + 5 bbl water spacer. Mix 135 SKs 60/40 Perm mix Cement w/ 4% Gel, 1% Cacl2 + 4" Kol-Seal per/sk. Shut down. Wash out pump & lines. Stuff 2 Rubber Plugs. Displace with 6.3 bbls Fresh water. Final pumping pressure 900*. Bump Plug to 1300*. Shut well in. Good cement to surface while slurry to pit. Job complete Rig down

Thank You

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
		PUMP CHARGE	870.00	870.00
5401	1	MILEAGE	3.45	138.00
5406	410			
1121	135 SKs	60/40 Perm mix Cement	10.20	1444.50
1102	115#	Cacl2 1%	.71	81.65
1118A	460*	Gel 4%	.16	73.60
1110A	540*	Kol Seal 4" per/sk	.39	210.60
1118A	200*	Gel Flush	.16	32.00
5407	5.80 Tons	Ton Mileage Bulk Trucks	m/c	296.00
5502c	2 1/2 hrs	80 bbl vacuum Truck	94.00	235.00
1123	7000 gallons	CITY WATER	14.00 ^{per 1000}	42.00
4402	2	2 7/8 Rubber Plug	22.00	44.00
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			Sub Total	3467.35
			SALES TAX	121.49
			ESTIMATED TOTAL	3588.84

Ravin 3737

032014

AUTHORIZATION Called by Corey Lair

TITLE Owner

DATE _____

Leis Oil Services, LLC

507 S. State
Yates Center, KS 66783

Invoice

Number: 1003

Date: November 11, 2009

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
		wingrave27-09

Date	Description	Hours	Rate	Amount
11/09/09	Cement for Surface	11.00	12.00	132.00
11/09/09	Digging pit with backhoe	1.00	75.00	75.00
11/10/09	drilling for Wingrave 27-09	1,101.00	5.25	5,780.25
Total				\$5,987.25

PL
12380
11/13/09

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0 - 30 days	31 - 60 days	61 - 90 days	> 90 days	Total
\$10,778.25	\$0.00	\$0.00	\$0.00	\$10,778.25