

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

Operator: License # 30345  
Name: PIQUA PETRO INC.  
Address: 1331 XYLAN RD  
City/State/Zip: PIQUA, KS 66761  
Purchaser: MACLASKEY  
Operator Contact Person: GREG LAIR  
Phone: ( 620 ) 433-0099  
Contractor: Name: PIQUA PETRO INC.  
License: 30345

Wellsite Geologist: N/A  
Designate Type of Completion:  
☒ New Well ☐ Re-Entry ☐ Workover  
☒ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.  
☐ Gas ☐ ENHR ☐ SIGW  
☐ 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./SWD  
☐ Plug Back ☐ Plug Back Total Depth  
☐ Commingled ☐ Docket No. \_\_\_\_\_  
☐ Dual Completion ☐ Docket No. \_\_\_\_\_  
☐ Other (SWD or Enhr.?) ☐ Docket No. \_\_\_\_\_

7/10/04 7/13/04 8/17/04  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 207-26850-00-00  
County: WOODSON  
NE SE NW Sec. 16 Twp. 24 S. R. 16 ☒ East ☐ West  
3560 feet from B / N (circle one) Line of Section  
2420 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW  
Lease Name: Wingrave Well #: 07-04  
Field Name: Vernon

Producing Formation: Squirrel  
Elevation: Ground: N/A Kelly Bushing: N/A  
Total Depth: 1061 Plug Back Total Depth: 1059  
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 SURFACE  
feet depth to 1061 w/ 150 sx cmt.

**Drilling Fluid Management Plan** Ait II NCR 7-25-08  
(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: pres. Date: 5/18/05  
Subscribed and sworn to before me this 18<sup>th</sup> day of May,  
20 05.  
Notary Public: Joni Y. Thummel  
Date Commission Expires: March 14, 2006

**KCC Office Use ONLY**

☐ Letter of Confidentiality Received  
If Denied, Yes ☐ Date: \_\_\_\_\_  
☐ Wireline Log Received  
☐ Geologist Report Received  
☐ UIC Distribution

 **Joni Y. Thummel**  
Notary Public - State of Kansas  
My Appt. Expires 3/14/06

Operator Name: PIQUA PETRO INC. Lease Name: Wingrave Well #: 07-04  
 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 ☐ Yes ☒ No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No  
 (Submit Copy)

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample  
 Name Top Datum

RECEIVED  
 MAY 23 2005  
 KCC WICHITA

CASING RECORD <input 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 IN	8 5/8	USED	40 FT	PORTLAND	15	
LONG STRING	5 7/8	2 7/8	USED	1059	60/40 POZ	150	

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
2	1018-1028	5500 LBS 12/20	1018-1028

TUBING RECORD			Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
2 7/8				1059				
Date of First, Resumerd Production, SWD or Enhr.				Producing Method				
8/17/04				<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.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	1				1		1:1	26

Disposition of Gas ☐ Vented ☐ Sold ☒ Used on Lease (If vented, Submit ACO-18.) METHOD OF COMPLETION ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) \_\_\_\_\_

# CONSOLIDATED OIL WELL SERVICES, INC.

211 W. 14TH STREET, CHANUTE, KS 66720

620-431-9210 OR 800-467-8676

TICKET NUMBER

1372

LOCATION

Chanute, KS

FOREMAN

Kevin McCoy

## TREATMENT REPORT & FIELD TICKET

### CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-28-04	1150	WINGRAVE 07-04				Woodson
CUSTOMER			TRUCK # DRIVER TRUCK # DRIVER			
Piqua Petroleum Inc.			445 Troy			
MAILING ADDRESS			442 Anthony			
1331 Xylan Road			441 Justin			
CITY			436 Ed			
STATE						
ZIP CODE						
Piqua KS 66767						

JOB TYPE Longstring HOLE SIZE 5 7/8 HOLE DEPTH 278 CASING SIZE & WEIGHT 8" 2nd Eye

CASING DEPTH 1060 DRILL PIPE 37.5 BBL TUBING 2 7/8 OTHER 0

SLURRY WEIGHT 13.8 SLURRY VOL 37.5 BBL WATER gal/sk 1000 CEMENT LEFT in CASING 0

DISPLACEMENT 6.75 BBL DISPLACEMENT PSI 450 MIX PSI 1000 RATE 1000

REMARKS: Safety Meeting: Rig up to 2 7/8 Tubing. BREAK Circulation w/ fresh water.  
Pump 8 BBL Gel Flush. Brought Gel to Surface. Reload water Truck (Pond water)  
Pump 2 BBL Dye water. Mixed 150 SKS 60/40 Pozmix Cement w/ 4% Gel, 1% Cactz @ 13.8 gal/gal (yield 1.40). Shut down. Drop Plug. (Wash out Pump Lines)  
Displace w/ 6.75 BBL fresh water. FINAL Pumping Pressure 450 PSI. Bump Plug  
to 1000 PSI. Release Pressure. Float Held. Repressure Tubing to 300 PSI. Shut  
Tubing in. Good Cement Returns to Surface = 4 BBL Slurry. Job Complete.

ACCOUNT CODE	QUANTITY OF UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL
5401	2	PUMP CHARGE 2nd well of 4WOC	710.00	710.00
5402	1	MILEAGE	N/C	
113400	150 SKS	60/40 Pozmix Cement	7.30	1095.00
1118	3 SKS	Gel 4%	12.40	37.20
1102	3 SKS	Cactz 1%	35.70	107.10
1118	2 SKS	Gel Flush	12.40	24.80
5502	2 Hrs	80 BBL VAC Truck	78.00	156.00
4402	2 7/8	Top Rubber Plug	15.00	75.00
5407A	6.75	30 Miles	.85	164.47
		Sub Total		2331.37
		SALES TAX		69.11
		ESTIMATED TOTAL		2403.48

AUTHORIZATION

TITLE

DATE

19172

Customer shall be responsible for and secure COWS  
**CONSOLIDATED OIL WELL SERVICES, INC.**  
**211 W. 14TH STREET, CHANUTE, KS 66720**  
**620-431-9210 OR 800-467-8676**

3rd well

TICKET NUMBER **32191**  
 LOCATION **Chanute**  
 FOREMAN **Brady**  
**TREATMENT REPORT**

Customer shall be responsible for and secure COWS  
 against any liability for injury to or death of persons.

DATE	CUSTOMER #	WELL NAME	FORMATION
8-17-04	4950	Wingrave	SO
SECTION	TOWNSHIP	RANGE	COUNTY
16	24S	16E	W
CUSTOMER: <b>Piqua Petroleum</b>			
MAILING ADDRESS:			
1331 Xylan Road			
CITY: <b>Piqua</b>			
STATE	ZIP CODE		
KS	66701		
TIME ARRIVED ON LOCATION: <b>12:30-1:30</b>			

WELL DATA	
HOLE SIZE	RACKER DEPTH
TOTAL DEPTH	PERFORATIONS
	SHOTS/FT
CASING SIZE	OPEN HOLE
CASING DEPTH	
CASING WEIGHT	TUBING SIZE
CASING CONDITION	TUBING DEPTH
	TUBING WEIGHT
	TUBING CONDITION
TREATMENT VIA	

INSTRUCTION PRIOR TO JOB: **50 gal. 15% acid spot**  
**well pressured up during pad flowed back into blender. spearhead**  
**2 carbonyl acid begin frac**

AUTHORIZATION TO PROCEED: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: **8-17-04**

TRUCK #	DRIVER	TRUCK #	DRIVER
378	Ryan		
383	Joe		
153	Rick		
414	George		
413	Texas		

RECEIVED  
 MAY 23 2005  
 KCC WICHITA

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input checked="" type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input checked="" type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input checked="" type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISP. PUMP	
<input type="checkbox"/> OTHER	

SERVICE CONDITIONS	
PRESSURE LIMITATIONS	
SURFACE PIPE	THEORETICAL
ANNULUS LONG STRING	INSTRUCTED
TUBING	<b>3500</b>

TIME	STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
8:00 AM	PAD	20	15			2500	BREAKDOWN PRESSURE
	12-20		15		2500#	6	DISPLACEMENT
	SALT		15		25#		MIX PRESSURE
	12-20		15		2000#		MIN PRESSURE
	8-12		15		1000#	500	ISIP
	FLUSH	5	15				15 MIN
	OVER	5	15			15	MAX RATE
						8	MINI RATES
	Total	165		Total	5,500		

For KCC Use: 7-5-04  
Effective Date: 3  
District #: 3  
SGA? ☐ Yes ☒ No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

Form C-1  
December 2002  
Form must be Typed  
Form must be Signed  
All blanks must be Filled

Expected Spud Date 5/25/04 7-5-04  
month day year

OPERATOR: License# 30345  
Name: Piqua Petro., Inc.  
Address: 1331 Xylan Road  
City/State/Zip: Piqua, KS 66761  
Contact Person: Greg Lair  
Phone: 620-433-0099

CONTRACTOR: License# 30345  
Name: Piqua Petro., Inc.

Well Drilled For: ☒ Oil ☐ Enh Rec ☒ Infield ☒ Mud Rotary  
☐ Gas ☐ Storage ☐ Pool Ext. ☐ Cable  
☐ OWO ☐ Disposal ☐ Wildcat  
Seismic:        # of Holes ☐ Other       

If OWWO: old well information as follows:

Operator:         
Well Name:         
Original Completion Date:        Original Total Depth:       

Directional, Deviated or Horizontal wellbore? ☐ Yes ☒ No

If Yes, true vertical depth:       

Bottom Hole Location:       

KCC DKT #:       

Spot NE SE NW Sec. 16 Twp. 24 S. R. 16 ☒ East ☐ West  
3560' feet from ☐ N / ☒ S Line of Section  
2420' feet from ☐ E / ☒ W Line of Section  
Is SECTION ☒ Regular ☐ Irregular?

(Note: Locate well on the Section Plat on reverse side)

County: Woodson  
Lease Name: Wingrave Well #: 07-04  
Field Name: Vernon

Is this a Prorated / Spaced Field? ☐ Yes ☒ No  
Target Formation(s): Squirrel

Nearest Lease or unit boundary: 3560' 220'

Ground Surface Elevation: N/A feet MSL

Water well within one-quarter mile: ☒ Yes ☐ No

Public water supply well within one mile: ☐ Yes ☒ No

Depth to bottom of fresh water: 125' +

Depth to bottom of usable water: 200' +

Surface Pipe by Alternate: ☐ 1 ☒ 2

Length of Surface Pipe Planned to be set: 40' min

Length of Conductor Pipe required: none

Projected Total Depth: 1000'

Formation at Total Depth: Squirrel

Water Source for Drilling Operations: ☐ Well ☒ Farm Pond ☐ Other       

DWR Permit #:       

(Note: Apply for Permit with DWR ☐)

Will Cores be taken? ☐ Yes ☒ No

If Yes, proposed zone:       

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.

It is agreed that the following minimum requirements will be met:

1. Notify the appropriate district office **prior** to spudding of well;
2. A copy of the approved notice of intent to drill **shall be** posted on each drilling rig;
3. The minimum amount of surface pipe as specified below **shall be set** by circulating cement to the top; in all cases surface pipe **shall be set** through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary **prior to plugging**;
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within **120 days** of spud date. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. **In all cases, NOTIFY district office** prior to any cementing.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.

Date: 5/20/04 Signature of Operator or Agent: Greg Lair Title: President

For KCC Use ONLY

API # 15 - 207.26850-00-00

Conductor pipe required NONE feet

Minimum surface pipe required 40 feet per Alt. + ②

Approved by: RJP 6-30-04

This authorization expires: 12-30-04

(This authorization void if drilling not started within 6 months of effective date.)

Spud date:        Agent:       

Remember to:

- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed;
- Obtain written approval before disposing or injecting salt water.
- If this permit has expired (See: authorized expiration date) please check the box below and return to the address below.

☐ Well Not Drilled - Permit Expired

Signature of Operator or Agent:       

Date:       

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

16 24 16E