

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 ☐ 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 #: \_\_\_\_\_

12/14/10 12/14/10 01/10/11

Spud Date or  
Recompletion Date Date Reached TD Completion Date or  
Recompletion Date

API No. 15 - 207-27733-0000

Spot Description: \_\_\_\_\_

NE NE SW NE Sec. 16 Twp. 24 S. R. 16 ☒ East ☐ West

1,490 Feet from ☒ North / ☐ South Line of Section

1,340 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☐ SE ☐ SW

County: WOODSON

Lease Name: WINGRAVE Well #: 34-10

Field Name: VERNON

Producing Formation: SQUIRREL

Elevation: Ground: EST 1011 Kelly Bushing: \_\_\_\_\_

Total Depth: 1062 Plug Back Total Depth: 1056

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: 1056

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: 1/31/14

**KCC Office Use ONLY**

☐ Letter of Confidentiality Received

Date: \_\_\_\_\_ **RECEIVED**

☐ Confidential Release Date: FEB 04 2011

☒ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☐ I ☒ II ☐ III Approved by: Dlg Date: 2/7/11

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Operator Name: PIQUA PETRO INC Lease Name: WINGRAVE Well #: 34-10  
 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<br>(Attach Additional Sheets)          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> Log Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey                             | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Name  | Top Datum                       |
| 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<br>(If no, Submit Copy) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |   |                                 |
| List All E. Logs Run:<br><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   | 9.875             | 7                         |                   | 40                | REG            | 10           |                            |
| LONGSTRING  | 5.625             | 2.875                     |                   | 1056              | 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 |
| ____ Perforate                        |                  |                |              |                            |
| ____ Protect Casing                   |                  |                |              |                            |
| ____ Plug Back TD                     |                  |                |              |                            |
| ____ Plug Off Zone                    |                  |                |              |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| EVERY 9 IN     | 14 PERFS FROM 998.5 TO 1008.5   | SPOTTED 75 GAL 15% HCL ACID   |       |
|                |   |   |       |
|                |   |   |       |
|                |   |   |       |
|                |   |   |       |

|   |  |         |                  |  |
|---|--|---------|------------------|--|
| 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.<br>01/10/2011 | Producing Method:<br><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.<br>1   | Gas Mcf | Water Bbls.<br>1 | Gas-Oil Ratio<br>1:1 Gravity<br>25   |

|   |   |  |
|---|---|--|
| DISPOSITION OF GAS:<br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease<br>(If vented, Submit ACO-18.) | METHOD OF COMPLETION:<br><input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. (Submit ACO-5) <input type="checkbox"/> Commingled (Submit ACO-4)<br><input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL:<br>_____<br>_____ |
|---|---|--|

**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

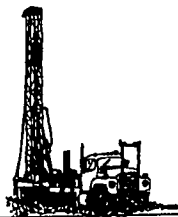
**Ship To:**

Greg Lair  
Piqua Petro  
1331 Xylan Rd  
Piqua, KS 66761

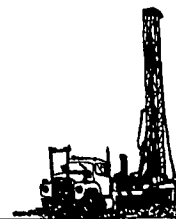
| PO Number |  | Terms    | Project        |                   |  |
|-----------|--|----------|----------------|-------------------|--|
|           |  |          | wingrave 34-10 |                   |  |
| Date      | Description                                  | Hours    | Rate           | Amount            |  |
| 12/14/10  | Clearing location and digging pit with dozer | 2.00     | 80.00          | 160.00            |  |
| 12/14/10  | Cement for <u>Surface</u>                    | 10.00    | 12.00          | 120.00            |  |
| 12/14/10  | Drilling for Wingrave 34-10                  | 1,062.00 | 5.75           | 6,106.50          |  |
|           |  |          | <b>Total</b>   | <b>\$6,386.50</b> |  |

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| 0 - 30 days | 31 - 60 days | 61 - 90 days | > 90 days | Total      |
|-------------|--------------|--------------|-----------|------------|
| \$6,386.50  | \$0.00       | \$0.00       | \$0.00    | \$6,386.50 |



# LEIS OIL SERVICES



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

|  |   |
|--|---|
| Operator License #: 30345              | API #: 207-27733-00-00                  |
| Operator: Piqua Petro, Inc.            | Lease: Wingrave                         |
| Address: 1331 Xylan Rd Piqua, KS 66761 | Well #: 34-10                           |
| Phone: 620.433.0099                    | Spud Date: 12/14/10 Completed: 12/14/10 |
| Contractor License: 32079              | Location: NE-NE-SW-NE of 16-24-16E      |
| T.D. : 1062 T.D. of Pipe: 1056         | 1490 Feet From North                    |
| Surface Pipe Size: 7" Depth: 43'       | 1340 Feet From East                     |
| Kind of Well: Oil                      | County: Woodson                         |

## LOG

| Thickness | Strata        | From | To  | Thickness | Strata       | From | To   |
|-----------|---------------|------|-----|-----------|--------------|------|------|
| 8         | Soil and Clay | 0    | 8   | 4         | Lime         | 892  | 896  |
| 130       | Shale         | 8    | 138 | 2         | Black Shale  | 896  | 898  |
| 22        | Lime          | 138  | 160 | 11        | Shale        | 898  | 909  |
| 8         | Shale         | 160  | 168 | 10        | Lime         | 909  | 919  |
| 16        | Lime          | 168  | 184 | 13        | Shale        | 919  | 932  |
| 31        | Shale         | 184  | 215 | 3         | Lime         | 932  | 935  |
| 104       | Soft Lime     | 215  | 319 | 3         | Shale        | 935  | 938  |
| 24        | Shale         | 319  | 343 | 2         | Black Shale  | 938  | 940  |
| 57        | Lime          | 343  | 400 | 4         | Lime         | 940  | 944  |
| 14        | Shale         | 400  | 414 | 2         | Black Shale  | 944  | 946  |
| 4         | Lime          | 414  | 418 | 4         | Shale        | 946  | 950  |
| 43        | Shale         | 418  | 461 | 3         | Broken Sand  | 950  | 953  |
| 35        | Lime          | 461  | 496 | 9         | Oil Sand     | 953  | 962  |
| 21        | Shale         | 496  | 517 | 34        | Shale        | 962  | 996  |
| 25        | Lime          | 517  | 542 | 1         | Lime         | 996  | 997  |
| 7         | Shale         | 542  | 549 | 1         | Shale        | 997  | 998  |
| 23        | Lime          | 549  | 572 | 9         | Oil Sand     | 998  | 1007 |
| 3         | Shale         | 572  | 575 | 55        | Shale        | 1007 | 1062 |
| 25        | Lime          | 575  | 600 |           |              |      |      |
| 167       | Shale         | 600  | 767 |           |              |      |      |
| 5         | Lime          | 767  | 772 |           | T.D.         |      | 1062 |
| 19        | Shale         | 772  | 791 |           | T.D. of pipe |      | 1056 |
| 9         | Lime          | 791  | 800 |           |              |      |      |
| 61        | Shale         | 800  | 861 |           |              |      |      |
| 2         | Lime          | 861  | 863 |           |              |      |      |
| 6         | Shale         | 863  | 869 |           |              |      |      |
| 12        | Lime          | 869  | 881 |           |              |      |      |
| 11        | Shale         | 881  | 892 |           |              |      |      |

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**ENTERED**

**TICKET NUMBER** 30048

LOCATION Eurella KS

FOREMAN Rick Ledford

**PO Box 884, Chanute, KS 68720**  
**620-431-9210 or 800-467-8678**

**FIELD TICKET & TREATMENT REPORT**

| DATE                            | CUSTOMER # | WELL NAME & NUMBER |          | SECTION   | TOWNSHIP        | RANGE   | COUNTY  |
|---------------------------------|------------|--------------------|----------|---|-----------------|---------|---------|
| 12-15-10                        | 4950       | blindgrave 34-10   |          |   |                 |         | Woodson |
| CUSTOMER <i>Piqua Petroleum</i> |            |                    |          | <div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> <i>Safety meeting 12/15</i> </div> <div></div> </div> |                 |         |         |
| MAILING ADDRESS                 |            |                    |          |   |                 |         |         |
| <i>1331 Xylene Rd</i>           |            |                    |          |   |                 |         |         |
| CITY                            |            | STATE              | ZIP CODE |   |                 |         |         |
| <i>Piqua</i>                    |            | <i>125</i>         |          |   |                 |         |         |
| JOB TYPE <i>Leakstop</i>        |            |                    |          | TRUCK #   | DRIVER          | TRUCK # | DRIVER  |
|                                 |            |                    |          | <i>520</i>  | <i>Cliff</i>    |         |         |
|                                 |            |                    |          | <i>575</i>  | <i>Allen B.</i> |         |         |
|                                 |            |                    |          |   |                 |         |         |
|                                 |            |                    |          |   |                 |         |         |

|                             |                             |                                |                                 |
|-----------------------------|-----------------------------|--------------------------------|---------------------------------|
| JOB TYPE <u>lengthening</u> | HOLE SIZE <u>5 3/4"</u>     | HOLE DEPTH <u>1062'</u>        | CASING SIZE & WEIGHT _____      |
| CASING DEPTH <u>1058'</u>   | DRILL PIPE _____            | TUBING <u>27 1/2"</u>          | OTHER _____                     |
| SLURRY WEIGHT <u>13.8°</u>  | SLURRY VOL <u>39 cu</u>     | WATER gal/sk <u>7.0</u>        | CEMENT LEFT In CASING <u>0'</u> |
| DISPLACEMENT <u>6.1</u>     | DISPLACEMENT PSI <u>400</u> | MAX PSI <u>800</u> <u>8000</u> | RATE _____                      |
| REMARKS: <u>5.8 ft</u>      |                             |                                |                                 |

REMARKS: Safety meeting. Rig up to 2 7/8" tubing. Break circulation w/ 5 bbl fresh water. Pump to 300 gal/flush, 5 bbl water @ 900 gal. Mixed 19.5 sacks 60/40 portland cement w/ 4" Kel-seal/sk, 170 cc gel + 470 gal @ 13.8" / gal. Washout pump & lines shut down, release 2 plugs. Displace w/ 6" bbl fresh water. Final pump pressure 400 PSI. Bump plugs to 300 PSI, release pressure. Float held. Good cement returns to surface. 5 bbl slurry to pit. Job complete. Rig down.

"Thaox Ky"

[illegible]

Ravin 8797

## AUTHORIZATION

**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.

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

1st well

**TICKET NUMBER** 51355

FIELD TICKET REF # 44838

**LOCATION** Thayer

FOREMAN Brett Busby

## TREATMENT REPORT

### FRAC & ACID

| DATE            | CUSTOMER # | WELL NAME & NUMBER | SECTION  | TOWNSHIP | RANGE | COUNTY |
|-----------------|------------|--------------------|----------|----------|-------|--------|
| 12-30-10        | 495        | Wingrave 34-10     | 16       | 24S      | 16E   | W0     |
| CUSTOMER        |            |                    |          |          |       |        |
| Pigua Petro.    |            |                    |          |          |       |        |
| MAILING ADDRESS |            |                    |          |          |       |        |
| CITY            |            | STATE              | ZIP CODE |          |       |        |
|                 |            |                    |          |          |       |        |
| WELL DATA       |            |                    |          |          |       |        |

\*  
PPE  
✓

| TRUCK # | DRIVER  | TRUCK # | DRIVER |
|---------|---------|---------|--------|
| 476     | Josh    |         |        |
| 490     | Landon  |         |        |
| 458     | George  |         |        |
| 293     | Eric    |         |        |
| 455T95  | Trampis |         |        |
| 488T102 | Steve H |         |        |

| CASING SIZE           | TOTAL DEPTH   |
|-----------------------|---------------|
| CASING WEIGHT         | PLUG DEPTH    |
| TUBING SIZE 2 7/8 EUE | PACKER DEPTH  |
| TUBING WEIGHT         | OPEN HOLE     |
| PERFS & FORMATION     |               |
| 988.5-1008.5          | (19) Squirrel |

| STAGE                 | BBL'S PUMPED | INJ RATE | PROPPANT PPG | SAND / STAGE | PSI  |                  |
|-----------------------|--------------|----------|--------------|--------------|------|------------------|
| PAD                   | 20           | 21       |              |              |      | BREAKDOWN 1300   |
| 20-40                 |              | 21       | 1.5-1.0      | 300#         | 1700 | START PRESSURE   |
| 12-20                 |              | 21       | 1.0          |              |      | END PRESSURE     |
| 12-20                 |              | 21       | 2.0          | 1,200#       | 1600 | BALL OFF PRESS   |
| Bio-balls (3)         |              | 21       | 0.5          |              |      | ROCK SALT PRESS  |
| 12-20                 |              | 21       | 1.0          | 500#         |      | ISIP 475         |
| 12-20                 |              | 21-19    | 1.0          |              | 1800 | 5 MIN            |
| Bio balls (3)         |              | 19       | 1.5-         | 500#         |      | 10 MIN           |
| 12-20                 |              | 19       | 1.0          |              | 2000 | 15 MIN           |
| 12-20                 |              | 19       | 2.0          | 1,000#       | 1900 | MIN RATE         |
| FLUSH CASING          | 8            | 20       |              |              |      | MAX RATE         |
| Release balls to T.D. |              |          |              |              |      | DISPLACEMENT 5.8 |
| OVERFLUSH             | 10           | 20       | TOTAL        | 3,500 #      | 1800 |                  |
| TOTAL BBLS            | 105          |          | SAND         |              |      |                  |

REMARKS:

RKS: \* held safety procedure meeting

spotted 75 gal. - 15% HCL acid on perfs

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50: miles

Location 9:30 AM - 10:45 AM

**AUTHORIZATION** \_\_\_\_\_

**TITLE** \_\_\_\_\_

DATE 12-30-10

**Terms and Conditions are printed on reverse side.**