



# LEIS OIL SERVICES

1410 150th Rd. • Yates Center, Kansas 66783 • (620) 212-0752



|  |   |
|--|---|
| <b>Operator License #:</b> 30345                                 | <b>API #:</b> 15-207-28736-00-00                      |
| <b>Operator:</b> Piqua Petro, Inc.                               | <b>Lease:</b> Wingrave                                |
| <b>Address:</b> 1331 Xylan Rd Piqua, KS 66761                    | <b>Well #:</b> 71-13                                  |
| <b>Phone:</b> (620) 433-0099                                     | <b>Spud Date:</b> 11-19-13 <b>Completed:</b> 11-20-13 |
| <b>Contractor License:</b> 34036                                 | <b>Location:</b> NW-NE-NW-NW of 16-24-16E             |
| <b>T.D. :</b> 1081 <b>T.D. of Pipe:</b> 1077 <b>Size:</b> 2.875" | 180 <b>Feet From</b> North                            |
| <b>Surface Pipe Size:</b> 7" <b>Depth:</b> 42'                   | 825 <b>Feet From</b> West                             |
| <b>Kind of Well:</b> Oil   | <b>County:</b> Woodson                                |

## LOG

| Thickness | Strata            | From | To  | Thickness | Strata              | From | To          |
|-----------|-------------------|------|-----|-----------|---------------------|------|-------------|
| 10        | Soil/Clay         | 0    | 10  | 15        | Shale               | 914  | 929         |
| 8         | Gravel/Sand       | 10   | 18  | 5         | Lime                | 929  | 934         |
| 139       | Shale             | 18   | 157 | 16        | Shale               | 934  | 950         |
| 58        | Lime              | 157  | 205 | 4         | Lime                | 950  | 954         |
| 5         | Shale             | 205  | 210 | 8         | Shale               | 954  | 962         |
| 134       | Lime              | 210  | 344 | 2         | Black Shale         | 962  | 964         |
| 16        | Shale             | 344  | 360 | 6         | Shale               | 964  | 970         |
| 67        | Lime              | 360  | 427 | 12        | Oil Sand            | 970  | 982         |
| 21        | Shale             | 427  | 448 | 32        | Sandy Shale         | 982  | 1014        |
| 4         | Lime              | 448  | 452 | 3         | Lime Streaks        | 1014 | 1017        |
| 37        | Shale             | 452  | 489 | 10        | Oil Sand            | 1017 | 1027        |
| 76        | Lime              | 489  | 565 | 54        | Shale               | 1027 | 1081        |
| 6         | Shale/Black Shale | 565  | 571 |           |                     |      |             |
| 20        | Lime              | 571  | 591 |           |                     |      |             |
| 4         | Black Shale       | 591  | 595 |           |                     |      |             |
| 11        | Lime              | 595  | 606 |           |                     |      |             |
| 6         | Shale             | 606  | 612 |           |                     |      |             |
| 9         | Lime              | 612  | 621 |           |                     |      |             |
| 178       | Shale             | 621  | 799 |           |                     |      |             |
| 3         | Lime              | 799  | 802 |           |                     |      |             |
| 7         | Shale             | 802  | 809 |           |                     |      |             |
| 9         | Lime              | 809  | 818 |           |                     |      |             |
| 59        | Shale             | 818  | 876 |           |                     |      |             |
| 3         | Lime              | 876  | 879 |           |                     |      |             |
| 5         | Shale             | 879  | 884 |           |                     |      |             |
| 13        | Lime              | 884  | 897 |           |                     |      |             |
| 12        | Shale             | 897  | 909 |           | <b>T.D.</b>         |      | <b>1081</b> |
| 3         | Lime              | 909  | 912 |           | <b>T.D. of Pipe</b> |      | <b>1077</b> |
| 2         | Black Shale       | 912  | 914 |           |                     |      |             |



Leis Oil Services, LLC

1410 150th Rd  
Yates Center, KS 66783

# Invoice

| Date      | Invoice # |
|-----------|-----------|
| 11/8/2013 | 1018      |

| Bill To   |
|---|
| Piqua Petro, Inc.<br>1331 Xylan Rd<br>Piqua, KS 66761 |

| P.O. No. | Terms          | Project |
|----------|----------------|---------|
|          | Due on receipt |         |

| Quantity | Description  | Rate         | Amount             |
|----------|--|--------------|--------------------|
| 1,241    | Willie North 8-13  | 6.25         | 7,756.25           |
| 1        | Mississippi Bit Charge   | 600.00       | 600.00             |
| 1        | Drill Pit  | 100.00       | 100.00             |
| 10       | Cement for Surface   | 11.60        | 116.00             |
| 1,262    | Startz 9-13  | 6.25         | 7,887.50           |
| 1        | Mississippi Bit Charge   | 600.00       | 600.00             |
| 1        | Drill Pit  | 100.00       | 100.00             |
| 10       | Cement for Surface   | 11.60        | 116.00             |
| 1,116    | Wingrave 66-13   | 6.25         | 6,975.00           |
| 1        | Drill Pit  | 100.00       | 100.00             |
| 10       | Cement for Surface   | 11.60        | 116.00             |
| 1,107    | Wingrave 67-13   | 6.25         | 6,918.75           |
| 1        | Drill Pit  | 100.00       | 100.00             |
| 10       | Cement for Surface   | 11.60        | 116.00             |
| 420      | Little Kramer trenching  | 0.75         | 315.00             |
| 1,055    | Wingrave 68-13   | 6.25         | 6,593.75           |
| 1        | Drill Pit  | 100.00       | 100.00             |
| 10       | Cement for Surface   | 11.60        | 116.00             |
| 1,056    | Wingrave 69-13   | 6.25         | 6,600.00           |
| 1        | Drill Pit  | 100.00       | 100.00             |
| 10       | Cement for Surface   | 11.60        | 116.00             |
| 1,066    | Wingrave 70-13   | 6.25         | 6,662.50           |
| 1        | Drill Pit  | 100.00       | 100.00             |
| 10       | Cement for Surface   | 11.60        | 116.00             |
| 1,081    | Wingrave 71-13   | 6.25         | 6,756.25           |
| 1        | Drill Pit  | 100.00       | 100.00             |
| 10       | Cement for Surface   | 11.60        | 116.00             |
| 2        | spread rock by barn on wingrave and cleared location for 72-13 along trees | 45.00        | 90.00              |
|          |  | <b>Total</b> | <b>\$59,483.00</b> |



**CONSOLIDATED**  
OIL WELL SERVICES, LLC

264216

TICKET NUMBER 45245

LOCATION Eureka

FOREMAN Steve Mead

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  |
|-----------------|------------|--------------------|-------------------------------|----------|-------|---------|
| 11-20-13        | 4950       | Wingrave # 71-13   |                               |          |       | Woodson |
| CUSTOMER        |            |                    | TRUCK # DRIVER TRUCK # DRIVER |          |       |         |
| MAILING ADDRESS |            |                    |                               |          |       |         |
| CITY            |            |                    |                               |          |       |         |
| STATE           |            |                    |                               |          |       |         |
| ZIP CODE        |            |                    |                               |          |       |         |
| Pigua Petroleum |            |                    | 485 Alan                      |          |       |         |
| 1331 xylan Rd.  |            |                    | 479 mark                      |          |       |         |
| Pigua           |            |                    | 637 Jim                       |          |       |         |
| KS              |            |                    |                               |          |       |         |
| 66761           |            |                    |                               |          |       |         |

JOB TYPE 4/5 0 HOLE SIZE \_\_\_\_\_ HOLE DEPTH 1083' CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH 1077 DRILL PIPE \_\_\_\_\_ TUBING 2 7/8 OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT 6 1/4 bbls DISPLACEMENT PSI 700\* Bump plug 1200\* RATE \_\_\_\_\_

REMARKS: Safety Meeting. Rig up to 2 7/8 Tubing. Break Circulation w/ Fresh Water. Pump 300\* Gel Flush + 5 bbls water spacer. Mix 140 sks 60/40 Pozmix Cement w/ 5\* Kol-Seal, 4% Gel, + 1% CaCl2. Shut down. Wash out Pump + Lines. Stuff 2 plug. Displace w/ 6 1/4 bbls Fresh water. Final pumping Pressure 700\*. Bump Plug 1200\*. Shut well in 500\*. 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                        | 1085.00         | 1085.00 |
| 5406         | 40                | MILEAGE                            | 4.20            | 168.00  |
| 1131         | 140sks            | 60/40 Pozmix Cement                | 13.18           | 1845.20 |
| 1110A        | 700*              | Kol-Seal 5* psi/sk                 | .46             | 322.00  |
| 1118B        | 480*              | Gel 4%                             | .22             | 105.60  |
| 1102         | 120*              |                                    | .78             | 93.60   |
| 1118B        | 300*              | Gel Flush                          | .22             | 66.00   |
| 5407         | 6.02 Ton          | Ton Mileage Bulk Truck             | M/C             | 368.00  |
| 4402         | 2                 | 2 7/8 Rubber Plug                  | 29.50           | 59.00   |
| 5502C        | 3 hrs             | 80 bbl vacuum Truck                | 90.00           | 270.00  |
| 1123         | 2500 gallons      | CITY WATER                         | 17.70/1000      | 43.25   |
|              |                   |                                    | SubTotal        | 4425.65 |
|              |                   |                                    | SALES TAX       | 181.22  |
|              |                   |                                    | ESTIMATED TOTAL | 4606.87 |

completed  
2.15%

Ravin 3737

AUTHORIZATION Called by Matt Lais

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.