



KANSAS CORPORATION COMMISSION 1091527  
OIL & GAS CONSERVATION DIVISION

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 # 32834  
Name: JTC Oil, Inc.  
Address 1: PO BOX 24386  
Address 2: \_\_\_\_\_  
City: STANLEY State: KS Zip: 66283 + \_\_\_\_\_  
Contact Person: Tom Cain  
Phone: ( 913 ) 208-7914  
CONTRACTOR: License # 32834  
Name: JTC Oil, Inc.  
Wellsite Geologist: none  
Purchaser: \_\_\_\_\_

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 #: \_\_\_\_\_  
07/21/2012    07/22/2012    08/05/2012  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-107-24620-00-00  
Spot Description: \_\_\_\_\_  
NW NE NE SW Sec. 21 Twp. 20 S. R. 22  East  West  
2350 Feet from  North /  South Line of Section  
2250 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Linn  
Lease Name: Cox Well #: 24  
Field Name: \_\_\_\_\_  
Producing Formation: Squirrel  
Elevation: Ground: 951 Kelly Bushing: 954  
Total Depth: 618 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 20 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 0  
feet depth to: 20 w/ 3 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 1500 ppm Fluid volume: 80 bbls  
Dewatering method used: Evaporated  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

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.

Submitted Electronically

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: Deanna Garrison Date: 09/06/2012



1091527

Operator Name: JTC Oil, Inc. Lease Name: Cox Well #: 24  
 Sec. 21 Twp. 20 S. R. 22  East  West County: Linn

**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 | Gamma   |                                 |
| Electric Log Run  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |   |                                 |
| Electric Log Submitted Electronically<br>(If no, Submit Copy) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |   |                                 |
| List All E. Logs Run:   |   |   |                                 |
| Gamma<br>Neutron<br>CCL                                       |   |   |                                 |

| 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                 | 7                         | 10                | 20            | Portland       | 3            | 50/50 POZ                  |
| Production  | 5.625             | 2.875                     | 8                 | 615           | Portland       | 68           | 50/50 POZ                  |
|   |                   |                           |                   |               |                |              |                            |

| 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 |
|----------------|---|---|-------|
| 2              | 644-684   | 2" DML RTG  | 20    |
|                |   |   |       |
|                |   |   |       |
|                |   |   |       |

|   |   |         |             |   |
|---|---|---------|-------------|---|
| TUBING RECORD:                                  | Size:   | Set At: | Packer At:  | Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Date of First, Resumed Production, SWD or ENHR. | Producing Method:<br><input type="checkbox"/> Flowing <input 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   |

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

## DRILL LOG

Operator License# \_\_\_\_\_

API 15-107-24620-00-00

Operator \_\_\_\_\_

Lease Name Cox

Address \_\_\_\_\_

Well # 24

Contractor JTC Oil, Inc.

Spud Date 7/21/12 Cement 7/31/12

Contractor License 32834

Location \_\_\_\_\_ of \_\_\_\_\_

T.D. 618 T.D. of Pipe 615.1

\_\_\_\_\_ feet from \_\_\_\_\_

Surf. Pipe Size 6.5 Depth 20 ft.

\_\_\_\_\_ feet from \_\_\_\_\_

Kind of Well \_\_\_\_\_

County Linn

| Thickness | Strata      | From | To  | Thickness | Strata | From | To  |
|-----------|-------------|------|-----|-----------|--------|------|-----|
| 24        | soil        | 0    | 24  | 2         | lime   | 267  | 269 |
| 18        | shale       | 24   | 42  | 34        | shale  | 269  | 303 |
| 9         | lime        | 42   | 51  | 5         | lime   | 303  | 308 |
| 10        | shale       | 51   | 61  | 2         | shale  | 308  | 310 |
| 9         | lime        | 61   | 70  | 3         | lime   | 310  | 313 |
| 1         | shale       | 70   | 71  | 10        | shale  | 313  | 323 |
| 23        | lime        | 71   | 94  | 12        | lime   | 323  | 335 |
| 8         | black shale | 94   | 102 | 8         | shale  | 335  | 343 |
| 23        | lime        | 102  | 125 | 1         | lime   | 343  | 344 |
| 4         | shale       | 125  | 129 | 46        | shale  | 344  | 390 |
| 5         | lime        | 129  | 134 | 12        | lime   | 390  | 402 |

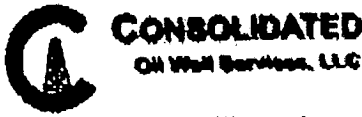
COX 24

|            |            |     |     |          |       |     |     |
|------------|------------|-----|-----|----------|-------|-----|-----|
| <u>1</u>   | shale      | 134 | 135 | <u>2</u> | shale | 402 | 404 |
| <u>15</u>  | lime       | 135 | 150 | <u>4</u> | lime  | 404 | 408 |
| <u>117</u> | shale      | 150 | 267 |          |       |     |     |
| <u>7</u>   | shale      | 408 | 415 |          |       |     |     |
| <u>5</u>   | lime       | 415 | 420 |          |       |     |     |
| <u>29</u>  | shale      | 420 | 449 |          |       |     |     |
| <u>12</u>  | lime       | 449 | 461 |          |       |     |     |
| <u>11</u>  | shale      | 461 | 477 |          |       |     |     |
| <u>1</u>   | lime       | 472 | 473 |          |       |     |     |
| <u>4</u>   | shale      | 473 | 477 |          |       |     |     |
| <u>3</u>   | lime       | 477 | 480 |          |       |     |     |
| <u>30</u>  | shale      | 480 | 490 |          |       |     |     |
| <u>1</u>   | lime       | 490 | 491 |          |       |     |     |
| <u>11</u>  | dark shale | 491 | 502 |          |       |     |     |
| <u>1</u>   | lime       | 502 | 503 |          |       |     |     |
| <u>23</u>  | dark shale | 503 | 526 |          |       |     |     |
| <u>1</u>   | oily       | 526 | 527 |          |       |     |     |
| <u>1</u>   | oily shale | 527 | 528 |          |       |     |     |
| <u>1</u>   | oily shale | 528 | 530 |          |       |     |     |
| <u>1</u>   | oily shale | 530 | 531 |          |       |     |     |
| <u>1</u>   | oily shale | 531 | 532 |          |       |     |     |
| <u>1</u>   | oily shale | 532 | 533 |          |       |     |     |

C0724

|          |                     |            |                  |   |
|----------|---------------------|------------|------------------|---|
| <u>1</u> | <u>oily shale</u>   | <u>533</u> | <u>534</u>       |   |
| <u>1</u> | <u>little sandy</u> | <u>534</u> | <u>535</u>       |   |
| <u>1</u> | <u>little sandy</u> | <u>535</u> | <u>536</u>       |   |
| <u>1</u> | <u>little sandy</u> | <u>536</u> | <u>537</u>       |   |
| <u>1</u> | <u>little sandy</u> | <u>537</u> | <u>538</u>       |   |
| <u>1</u> | <u>good</u>         | <u>538</u> | <u>539</u>       |   |
| <u>1</u> | <u>good</u>         | <u>539</u> | <u>540</u>       |   |
| <u>1</u> | <u>good</u>         | <u>540</u> | <u>541</u>       |   |
| <u>1</u> | <u>good</u>         | <u>541</u> | <u>542</u>       |   |
| <u>1</u> | <u>little</u>       | <u>542</u> | <u>543</u>       |   |
| <u>2</u> | <u>little</u>       | <u>543</u> | <u>545</u>       |   |
| <u>1</u> | <u>little</u>       | <u>545</u> | <u>546]</u>      |   |
| <u>2</u> | <u>little</u>       | <u>546</u> | <u>548</u>       |   |
| <u>2</u> | <u>100% sand</u>    | <u>548</u> | <u>550v good</u> |   |
| <u>1</u> | <u>v good</u>       | <u>550</u> | <u>551</u>       |   |
| <u>1</u> | <u>v good</u>       | <u>551</u> | <u>552</u>       |   |
| <u>1</u> | <u>v good</u>       | <u>552</u> | <u>553</u>       |   |
| <u>1</u> | <u>v good</u>       | <u>553</u> | <u>554</u>       |   |
| <u>1</u> | <u>v good</u>       | <u>554</u> | <u>555</u>       |   |
| <u>1</u> | <u>v good</u>       | <u>555</u> | <u>556</u>       |   |
| <u>1</u> | <u>v good</u>       | <u>556</u> | <u>557</u>       |   |
| <u>1</u> | <u>v good</u>       | <u>557</u> | <u>558</u>       | <u>1</u> <u>little sand</u> <u>559</u> <u>560</u> |





PO Box 884, Chanute, KS 68720  
620-431-9210 or 800-467-8676

TICKET NUMBER 37533  
LOCATION Ottawa KS  
FOREMAN Fred Maden

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

| DATE            | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE      | COUNTY |
|-----------------|------------|--------------------|---------|----------|------------|--------|
| 7/21/12         | 1174       | Cox # 24           | N4 21   | 20       | 22         | LN     |
| CUSTOMER        |            |                    | TRUCK # | DRIVER   | TRUCK #    | DRIVER |
| JTC A-G Oil     |            |                    | 506     | Fred Mad | Safety mix |        |
| MAILING ADDRESS |            |                    | 368     | Art Mad  | DM         |        |
| 300 SE 21st     |            |                    | 369     | Dex Mas  | DM         |        |
| CITY            | STATE      | ZIP CODE           | 548     | Mikhae   | DM         |        |
| Topoka          | KS         | 66607              |         |          |            |        |

JOB TYPE Logging HOLE SIZE 6 HOLE DEPTH 618 CASING SIZE & WEIGHT 2 7/8" 5.05  
 CASING DEPTH 6150 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/ek \_\_\_\_\_ CEMENT LEFT IN CASING 2 7/8" Plug  
 DISPLACEMENT 3.6 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 BPM

REMARKS: Establish pump rate. Mix + Pump 6.8 SKS OWC Cement. Cement to surface. Flush pump + lines  
clean. Displace 2 7/8" Rubber plug to casing TD. Pressure to 700 PSI. Release pressure to set float valve. Shut in casing.

JTC Drilling Fred Maden

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE      | TOTAL              |
|--------------|-------------------|------------------------------------|-----------------|--------------------|
| 5401         | 1                 | PUMP CHARGE                        | 368             | 1030 <sup>00</sup> |
| 5406         |                   | MILEAGE                            |                 | NIC                |
| 5407         | 1/2 Minimum       | Casing footage                     |                 | NIC                |
| 5502C        | 1.5               | Ton Miles                          | 548             | 175 <sup>00</sup>  |
|              |                   | 80 BBL Vac Trucks                  | 369             | 135 <sup>00</sup>  |
| 1126         | 6.8 SKS           | OWC Cement                         |                 | 1275 <sup>40</sup> |
| 118B         | 100 #             | Premium Gel                        |                 | 21 <sup>00</sup>   |
| 4402         | 1                 | 2 7/8" Rubber Plug                 |                 | 28 <sup>00</sup>   |
|              |                   | 6.3%                               | SALES TAX       | 83 <sup>62</sup>   |
|              |                   |                                    | ESTIMATED TOTAL | 2751 <sup>02</sup> |

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.

251721