

Confidentiality Requested:

☒ Yes ☐ No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

1234066

Form ACO-1

August 2013

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: 35790 Plum Creek Road

Address 2:

City: Osawatomie State: KS Zip: 66064 +

Contact Person: Tom Cain

Phone: ( 913 ) 208-7914

CONTRACTOR: License # 32834

Name: JTC Oil, Inc.

Wellsite Geologist: na

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  
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

- ☐ Commingled Permit #:   
☐ Dual Completion Permit #:   
☐ SWD Permit #:   
☐ ENHR Permit #:   
☐ GSW Permit #:

11/04/2014 11/05/2014 11/12/2014  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 15-121-30415-00-00

Spot Description:

SE SW SE SE Sec. 9 Twp. 17 S. R. 22 ☒ East ☐ West

165 Feet from ☐ North / ☒ South Line of Section

825 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☒ SE ☐ SW

GPS Location: Lat: , Long:   
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: Miami

Lease Name: Cooper Well #: P-3

Field Name:

Producing Formation: Squirrel

Elevation: Ground: 1016 Kelly Bushing: 1019

Total Vertical Depth: 700 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/ 5 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 1200 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**

- ☒ Confidentiality Requested  
Date: 12/04/2014  
☒ Confidential Release Date: 12/03/2016  
☒ Wireline Log Received  
☐ Geologist Report Received  
☐ UIC Distribution  
ALT ☐ I ☒ II ☐ III Approved by: NAOMI JAMES Date: 12/05/2014

1234066

Operator Name: JTC Oil, Inc. Lease Name: Cooper Well #: P-3  
 Sec. 9 Twp. 17 S. R. 22 ☒ East ☐ West County: Miami

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><br>List All E. Logs Run:<br><br>Gamma<br>Neutron<br>CCL | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>Name Squirrel Top Datum |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used<br>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       | 5            | 50/50 POZ                  |
| Production                                                                                                                                                       | 5.625             | 2.875                     | 8                 | 664           | Portland       | 78           | 50/50 POZ                  |
|                                                                                                                                                                  |                   |                           |                   |               |                |              |                            |

| 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  | -                |                |              |                            |

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☒ No *(If No, skip questions 2 and 3)*  
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*  
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br><i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------|
|                |                                                                                           |                                                                                          |       |
|                |                                                                                           |                                                                                          |       |
|                |                                                                                           |                                                                                          |       |
|                |                                                                                           |                                                                                          |       |
|                |                                                                                           |                                                                                          |       |

|                |       |         |            |                                                                     |
|----------------|-------|---------|------------|---------------------------------------------------------------------|
| 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 <i>(Explain)</i> _____ |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

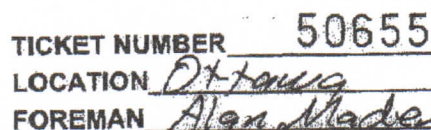
|                                   |           |         |             |               |         |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|

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

|           |                        |
|-----------|------------------------|
| Form      | ACO1 - Well Completion |
| Operator  | JTC Oil, Inc.          |
| Well Name | Cooper P-3             |
| Doc ID    | 1234066                |

#### Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | Setting Depth | Type Of Cement | Number of Sacks Used | Type and Percent Additives |
|-------------------|-------------------|-----------------|--------|---------------|----------------|----------------------|----------------------------|
| Surface           | 9                 | 7               | 10     | 20            | Portland       | 5                    | 50/50 POZ                  |
| Production        | 5.625             | 2.875           | 8      | 664           | Portland       | 78                   | 50/50 POZ                  |
|                   |                   |                 |        |               |                |                      |                            |
|                   |                   |                 |        |               |                |                      |                            |

Bayin 3797**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.

|                      |                       |             |                    |      |      |
|----------------------|-----------------------|-------------|--------------------|------|------|
| Operator License #   | 32834                 | API #       | 15-121-30415-00-00 |      |      |
| Operator             | JTC Oil, Inc.         | Lease Name  | Cooper             |      |      |
| Address              | 35790 Plum Creek Road | Well #      | P-3                |      |      |
| City                 | Osawatomie, KS 66064  |             |                    |      |      |
| Contractor           | JTC Oil, Inc.         | Spud Date   | 11/4/2014          |      |      |
| Contractor License # | 32834                 | Cement Date | 11/12/2014         |      |      |
| T.D.                 | 700'                  | Location    | Sec 9              | T 17 | R 22 |
| T.D. of pipe         | 664'                  |             | 165 feet from      | S    | line |
| Surface pipe size    | 7"                    |             | 825 feet from      | E    | line |
| Surface pipe depth   | 20'                   | County      | Miami              |      |      |
| Well Type            | Production            |             |                    |      |      |

Driller's Log

| Thickness | Strata    | From | To  |        |
|-----------|-----------|------|-----|--------|
| 11        | dirt/clay | 0    | 11  |        |
| 70        | shale     | 11   | 81  |        |
| 23        | lime      | 81   | 104 |        |
| 16        | shale     | 104  | 120 |        |
| 6         | lime      | 120  | 126 |        |
| 9         | shale     | 126  | 135 |        |
| 5         | lime      | 135  | 140 |        |
| 47        | shale     | 140  | 187 |        |
| 13        | lime      | 187  | 200 |        |
| 10        | shale     | 200  | 210 |        |
| 26        | lime      | 210  | 236 |        |
| 10        | shale     | 236  | 246 |        |
| 19        | lime      | 246  | 265 |        |
| 6         | shale     | 265  | 271 |        |
| 14        | lime      | 271  | 285 |        |
| 153       | shale     | 285  | 438 |        |
| 5         | sand      | 438  | 443 | ok     |
| 17        | lime      | 443  | 460 |        |
| 52        | shale     | 460  | 512 |        |
| 7         | lime      | 512  | 519 |        |
| 17        | shale     | 519  | 536 |        |
| 7         | lime      | 536  | 543 |        |
| 10        | shale     | 543  | 553 |        |
| 50        | mix       | 553  | 603 |        |
| 7         | sand      | 603  | 610 | ok     |
| 20        | Core 1    | 610  | 630 |        |
| 20        | Core 2    | 630  | 650 | no oil |
| 50        | shale     | 650  | 700 |        |