

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
October 2008  
Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 32834  
32384

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 # 32384 32834

Name: JTC Oil, Inc.

Wellsite Geologist: \_\_\_\_\_

Purchaser: Pacer

Designate Type of Completion:

New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_

\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW

\_\_\_\_\_ Gas  ENHR \_\_\_\_\_ SIGW

\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd.

\_\_\_\_\_ 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. \_\_\_\_\_ Conv. to SWD

\_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth

\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No.: \_\_\_\_\_

\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No.: \_\_\_\_\_

\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No.: \_\_\_\_\_

|                                   |                 |   |
|-----------------------------------|-----------------|---|
| <u>3-3-09</u>                     | <u>3-5-09</u>   | <u>3-19-09</u>                          |
| Spud Date or<br>Recompletion Date | Date Reached TD | Completion Date or<br>Recompletion Date |

API No. 15 - 059-25307-0000

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

NW SE SE SW SW \_\_\_\_\_ Sec. 29 Twp. 15 S. R. 21  East  West

1100 Feet from  North /  South Line of Section

3515 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

County: Franklin

Lease Name: Moldenhauer Well #: W-45

Field Name: Paola-Rantoul

Producing Formation: Squirrel

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: 800 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 21 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: 21 ft.

feet depth to: surface w/ 3 <sup>sq cnt.</sup>

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)

Chloride content: 1500-3000 ppm Fluid volume: 40 bbls

Dewatering method used: on lease

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

*Att 2 - log 11/10*

**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: *Tom Cain*

Title: President Date: 12-16-09

Subscribed and sworn to before me this 16 day of Dec. 2009.

Notary Public: *Terr S. Gratwick*

Date Commission Expires: 10/29/2010

TERRI S. GRATWICK  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 10/29/2010

**KCC Office Use ONLY**

N Letter of Confidentiality Received

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

\_\_\_\_\_ Geologist Report Received

\_\_\_\_\_ UIC Distribution

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Operator Name: JTC Oil, Inc. Lease Name: Moldenhauer Well #: W-45  
 Sec. 29 Twp. 15 S. R. 21  East  West County: Franklin

**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 <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><i>(Submit Copy)</i><br><br>List All E. Logs Run: | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>Name Top Datum |
|--|--|

| 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   | 8"                | 6 1/4"                    |                   | 21            | portland       | 3            |                            |
| Completion  | 5 5/8"            | 2 7/8"                    |                   | 788           | portland       | 136          | 50/50 poz                  |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD  |                  |                |             |                            |
|--|------------------|----------------|-------------|----------------------------|
| Purpose:   | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> 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><i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
| 2              | 749-759.5 21 perfs  |  |       |
|                |   |  |       |
|                |   |  |       |
|                |   |  |       |

|   |           |  |                                   |
|---|-----------|--|-----------------------------------|
| 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: <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><i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION:<br><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL:<br><div style="text-align: right; border: 1px solid black; padding: 5px; display: inline-block;">RECEIVED</div> |
|---|--|--|

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

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**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 20002

LOCATION Ottawa

FOREMAN Alan Maduc

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 |
|--|------------------|---------------------------|-------------------------------|----------|---------|--------|
| 3-6-09   | 4015             | Moldenhauer # W-415 NW/32 |                               | 15       | 21      | Fr     |
| CUSTOMER<br>JTC  |                  |                           | TRUCK #                       | DRIVER   | TRUCK # | DRIVER |
| MAILING ADDRESS<br>P.O. Box 910  |                  |                           | 516                           | Alan M   |         |        |
| CITY<br>Louisburg  |                  |                           | 368                           | Bill     |         |        |
| STATE<br>KS  |                  |                           | 370                           | Ken H    |         |        |
| ZIP CODE<br>66053  |                  |                           | 510                           | Chuck L  |         |        |
| JOB TYPE<br>long string  | HOLE SIZE<br>6"  | HOLE DEPTH<br>800         | CASING SIZE & WEIGHT<br>2 7/8 |          |         |        |
| CASING DEPTH<br>788  | DRILL PIPE       | TUBING                    | OTHER                         |          |         |        |
| SLURRY WEIGHT  | SLURRY VOL       | WATER gal/sk              | CEMENT LEFT in CASING<br>yes  |          |         |        |
| DISPLACEMENT   | DISPLACEMENT PSI | MIX PSI                   | RATE<br>4 gpm                 |          |         |        |
| REMARKS: Checked casing depth. Mixed & pumped 100# gel to flush hole followed by 136 sz 50 150 puz, 270 gel. Circulated cement. Flushed pump. Pumped plug to casing TD. Well held 800 PSI for 30 min MIT. Set float, closed valve. |                  |                           |                               |          |         |        |

*Alan Maduc*

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL   |
|--------------|-------------------|------------------------------------|------------|---------|
| 5401         | 1                 | PUMP CHARGE                        |            | 870.00  |
| 5406         | 15                | MILEAGE                            |            | 51.75   |
| 5402         | 788'              | casing footage                     |            |         |
| 5502C        | 2                 | 90 vac                             |            | 188.00  |
| 5407         | mi                | for mileage                        |            | 296.00  |
| 1118B        | 328#              | gel                                |            | 52.48   |
| 1124         | 1335x             | 50 150 puz                         |            | 1230.20 |
| 7402         | 1                 | 2 1/2 plug                         |            | 22.00   |
|              |                   |                                    |            | 2710.00 |
|              |                   |                                    |            | 88.70   |
|              |                   |                                    |            | 2799.00 |

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Revin 3737

AUTHORIZATION Tom Cain by phone

TITLE

229091

SALES TAX  
ESTIMATED  
TOTAL  
DATE 11/19/09

2

Log

spud date 3/3/09

Well #W-45  
Moldenhauer Lease  
Franklin County  
Pipe Total 788

| Thickness | Formation   | Total Depth |
|-----------|-------------|-------------|
| 1         | soil        | 1           |
| 2         | clay        | 3           |
| 62        | shale       | 12          |
| 59        | lime        | 74          |
| 3         | shale       | 133         |
| 9         | lime        | 136         |
| 2         | shale       | 145         |
| 10        | lime        | 147         |
| 9         | shale       | 157         |
| 3         | lime        | 166         |
| 7         | shale       | 170         |
| 59        | lime        | 177         |
| 32        | shale       | 236         |
| 20        | lime        | 268         |
| 18        | shale       | 288         |
| 20        | lime        | 306         |
| 57        | shale       | 326         |
| 65        | lime        | 383         |
| 128       | shale       | 448         |
| 1         | lime        | 576         |
| 2         | Sandy-Shale | 577         |
| 8         | shale       | 579         |
| 3         | Lime        | 587         |
| 2         | Shale       | 590         |
| 81        | Lime        | 608         |
| 13        | Shale       | 689         |
| 44        | Lime        | 702         |
| 16        | sand        | 746-762     |
| 38        | shale       | 800 td.     |

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