

Kansas Corporation Commission Oil & Gas Conservation Division

1151040

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 # | API No. 15 | | | | | |
|--|---|--|--|--|--|--|
| Name: | Spot Description: | | | | | |
| Address 1: | Sec Twp S. R 🗌 East 🗌 West | | | | | |
| Address 2: | Feet from North / South Line of Section | | | | | |
| City: State: Zip:+ | Feet from East / West Line of Section | | | | | |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: | | | | | |
| Phone: () | □NE □NW □SE □SW | | | | | |
| CONTRACTOR: License # | County: | | | | | |
| Name: | Lease Name: Well #: | | | | | |
| Wellsite Geologist: | Field Name: | | | | | |
| Purchaser: | Producing Formation: | | | | | |
| Designate Type of Completion: | Elevation: Ground: Kelly Bushing: | | | | | |
| ☐ New Well ☐ Re-Entry ☐ Workover | Total Depth: Plug Back Total Depth: | | | | | |
| ☐ Oil ☐ WSW ☐ SIOW ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW ☐ OG ☐ GSW ☐ Temp. Abd. ☐ CM (Coal Bed Methane) ☐ Cathodic ☐ Other (Core, Expl., etc.): | Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? | | | | | |
| If Workover/Re-entry: Old Well Info as follows: | · | | | | | |
| Operator: Well Name: | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) | | | | | |
| Original Comp. Date: Original Total Depth: Conv. to ENHR | Chloride content: ppm Fluid volume: bbls Dewatering method used: | | | | | |
| Plug Back: Plug Back Total Depth | Location of fluid disposal if hauled offsite: | | | | | |
| Commingled Permit #: | Operator Name: | | | | | |
| Dual Completion Permit #: | Lease Name: License #: | | | | | |
| SWD Permit #: | Quarter Sec TwpS. R | | | | | |
| ☐ ENHR Permit #: ☐ GSW Permit #: | County: Permit #: | | | | | |
| Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date Recompletion Date | | | | | | |

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: Date: | | | | | | |

Side Two



| Operator Name: | | | Lease Name: _ | | | _ Well #: | |
|---|--|---|----------------------|----------------------------|--------------------|-----------------|-------------------------------|
| Sec Twp | S. R | East West | County: | | | | |
| time tool open and clo | osed, flowing and shu es if gas to surface te | d base of formations pen t-in pressures, whether s st, along with final chart(well site report. | hut-in pressure rea | ched static level, | hydrostatic press | sures, bottom h | nole temperature, fluid |
| Drill Stem Tests Taker (Attach Additional | | Yes No | | og Formatio | n (Top), Depth ar | nd Datum | Sample |
| Samples Sent to Geo | ological Survey | ☐ Yes ☐ No | Nam | е | | Тор | Datum |
| Cores Taken Yes Electric Log Run Yes | | Yes No Yes No Yes No | | | | | |
| List All E. Logs Run: | | | | | | | |
| | | Report all strings set- | | ermediate, producti | <u> </u> | | |
| 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 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | ADDITIONAL | . CEMENTING / SQL | JEEZE RECORD | | | |
| Purpose: —— Perforate —— Protect Casing | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives | | | |
| Plug Back TD Plug Off Zone | | | | | | | |
| | DEDEODATI | ON DECORD - Deider Blue | - O-4/T | Acid Fro | cture, Shot, Cemen | t Causana Dagar | |
| Shots Per Foot | Specify I | ON RECORD - Bridge Plug Footage of Each Interval Per | forated | rated (Amount and K | | | Depth |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| TUBING RECORD: | Size: | Set At: | Packer At: | Liner Run: | Yes No | | |
| Date of First, Resumed | Production, SWD or EN | HR. Producing Meth | | Gas Lift C | Other (Explain) | | |
| Estimated Production Per 24 Hours | Oil | Bbls. Gas | Mcf Wat | er B | bls. | Gas-Oil Ratio | Gravity |
| DISPOSITI | ON OF GAS: | | METHOD OF COMPLE | ETION: | | PRODUCTIO | ON INTERVAL: |
| Vented Solo | | Open Hole | Perf. Dually | Comp. Cor | nmingled | | |
| (If vented, Su | bmit ACO-18.) | Other (Specify) | (Submit) | 4CO-5) (Sub | mit ACO-4) | | _ |

DRILL LOG

| Operator License #32834 | | | | API # <u>15-15-121-29496-00-00</u> | | | | | |
|--------------------------|----------------------|-------------------|---------------|------------------------------------|----------------------|---------------|---------------|------|--|
| OperatorJTC Oil, Inc. | | | | Lease Name Renner | | | | | |
| Address PO Box 24386 | | | | Well # | | | | | |
| | Stanley, k | S 66283 | ~ | | | | | | |
| Contr | actor JTC C | il, Inc. | | Spu | d Date <u>4/25/1</u> | <u>L3</u> Cem | nent_5/14 | 4/13 | |
| Contractor License 32834 | | | | Location of | | | | | |
| T.D | 640T.D. o | f Pipe <u>6</u> 2 | 28 | | feet | from _ | | | |
| Surf. | Pipe Size <u>6.2</u> | <u>5"</u> Dept | :h <u>22'</u> | · | feet f | rom _ | | | |
| Kind | of Well <u>Pro</u> | oduction | | County | Miami | | | | |
| | | | | | | | | | |
| Thickn | ess Strata | From | То | Thickness | Strata | From | To | | |
| 2 | Soil | 0 | 2 | 26 | Lime | 189 | 215 | | |
| 5 | Clay | 2 | 7 | 10 | Black Shale | 215 | 225 | | |
| 71 | Shale | 7 | 78 | 20 | Lime | 225 | 245 | | |
| <u>16</u> | Lime | 78 | 94 | 5 | Coal | 245 | 250 | | |
| 10 | Shale | 94 | 104 | 12 | Lime | 250 | 262 | | |
| 7 | Lime | 104 | 111 | 132 | Shale | 262 | <u>394</u> | | |
| <u>16</u> | Shale | 111 | 127 | 4 | Red Bed | 394 | 398 | | |
| 7 | Lime | 127 | 134 | 2 | Shale | 398 | 400 | | |
| 30 | Shale | 134 | 164 | 2 | Oil Sand 40 | 0-402 | <u>Little</u> | | |
| <u>17</u> | Lime | 164 | 181 | 3 | Lime | 402 | 405 | | |
| 8 | Shale | 181 | 189 | 3 | Shale | 405 | 411 | | |



258819

LOCATION Ottawa KS
FOREMAN Fred Mader

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

FIELD TICKET & TREATMENT REPORT

| 2475 | U 000-407-0070 | , | | CEMEN. | T | | | |
|--------------|----------------|-------------|--------------|----------------|---------------------------------------|----------------|---------------|---|
| DATE | CUSTOMER# | | L NAME & NUM | IBER | SECTION | TOWNSHIP | RANGE | COUNTY |
| CUSTOMER | 4015 | Renne | 428 H | | | | | |
| | TC ail | | | | | | | MI BO |
| MAILING ADDR | ESS | Luc | <u> </u> | | TRUCK# | DRIVER | TRUCK# | DRIVER |
| 3.57 | 88 Plu | | . 31 | 1 } | 7/2 | Fre Mad | Safe | 4 mas |
| CITY | P 10 | on Cree | ZIP CODE | ┦ ├ | 495 | HarBec | | 0 |
| 0 500 113 | atomie | KS | | 1 | 370 | Keilar | | |
| JOR TYPE / | Cremie | | 66064 | _lL | 548 | MikHaa | | |
| CASING DEPTH | V / - 4 1/2 | HOLE SIZE | 6 | _ HOLE DEPTH_ | 640' | CASING SIZE & | WEIGHT 27 | & EUE |
| SLURRY WEIGH | | DRILL PIPE | | _TUBING | | | OTHER | |
| | | SLURRY VOL_ | | WATER gal/sk | | CEMENT LEFT in | | z"Plug |
| REMARKS: H | 1 3.45 BBC | DISPLACEMEN | IT PSI | MIX PSI | | RATE_5BA | om | |
| | | -mutr | 4. Esta | blish p | ump rat | C. Mix | · Pump | 100 th Cred |
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| - I'N | casing. | | | | | | | |
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| | TC Drill | My | | | | Fred | Made | |
| ACCOUNT | | 0- | T | | | | | |
| CODE | QUANITY o | r UNITS | DE | SCRIPTION of S | ERVICES or PRO | DUCT | UNIT PRICE | TOTAL |
| 5401 | | | PUMP CHARGI | E | | 495 | | 10850 |
| 540 G | 2 | 5mi | MILEAGE | | | 495 | | 10500 |
| 5402 | | 28- | Casma | footoge | | 773 | | |
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| UTHORIZTION_ | Dru 151ML | | 7 | TITLE | | | TOTAL | 123 LF 3263 G8 |
| | | | | | | | 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.