

Kansas Corporation Commission Oil & Gas Conservation Division

1127730

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: | SecTwpS. R |
| 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 SWD 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? |
| Operator: | |
| Well Name: | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |
| Original Comp. Date: Original Total Depth: Onv. 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 #: |
| GGW Fellill #. | |
| Spud Date or Date Reached TD Completion Date or 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

1127730

| Operator Name: | | | Lease Name: . | | | _ Well #: | | |
|--|---|--|-----------------------|----------------------------------|---|-------------------|-------------------------------|--|
| Sec Twp | S. R | East West | County: | | | | | |
| time tool open and clo | sed, flowing and shut es if gas to surface tes | d base of formations per -in pressures, whether s st, along with final chart(well site report. | shut-in pressure rea | ached static level, | hydrostatic press | sures, bottom he | ole temperature, fluid | |
| Drill Stem Tests Taken (Attach Additional S | | Yes No | | ₋og Formatio | n (Top), Depth an | d Datum | Sample | |
| Samples Sent to Geol | · | ☐ Yes ☐ No | Nar | ne | | Тор | Datum | |
| Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy) | d Electronically | Yes No Yes No Yes No | | | | | | |
| List All E. Logs Run: | | | | | | | | |
| | | CASING Report all strings set- | | lew Used termediate, producti | on, 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 | |
| | | | | | | | | |
| | 1 | ADDITIONAL | _ _ CEMENTING / SQ | UEEZE RECORD | I | | | |
| Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone | Depth Top Bottom | Type of Cement | # Sacks Used | | Type and F | Percent Additives | | |
| Shots Per Foot | | ON RECORD - Bridge Pluç ootage of Each Interval Per | | | cture, Shot, Cement mount and Kind of Ma | • | Depth | |
| | | | | | | | | |
| TUBING RECORD: | Size: | Set At: | Packer At: | Liner Run: | Yes No | | | |
| Date of First, Resumed | Production, SWD or EN | HR. Producing Met | hod: | | other (Explain) | | | |
| Estimated Production Per 24 Hours | Oil E | Bbls. Gas | Mcf Wa | ter Bl | pls. (| Gas-Oil Ratio | Gravity | |
| DISPOSITIO | Used on Lease | Open Hole | | ly Comp. Con | nmingled mit ACO-4) | PRODUCTIO | N INTERVAL: | |

DRILL LOG

| Operator License# | API 15-121-29231-00-00 |
|---------------------------|----------------------------------|
| Operator | Lease Name ABC |
| Address | Well # I-22 |
| Contractor JTC Oil, Inc. | Spud Date 8/17/12 Cement 8/28/12 |
| Contractor License32834 | Location of |
| T.D. 418 T.D. of Pipe 406 | feet from |
| Surf. Pipe Size6.5Depth20 | feet from |
| Kind of Well | County Miami |

| Thickness | Strata | From | То | Thickness | Strata | From | To |
|-----------|--------|------|-----|-----------|-------------|------|-----|
| 17 | soil | 0 | 17 | 6 | black shale | 155 | 161 |
| 7 | lime | 17 | 24 | 24 | lime | 161 | 184 |
| 1 | shale | 24 | 25 | 4 | black shale | 184 | 188 |
| 11 | lime | 25 | 36 | 4 | lime | 188 | 192 |
| 13 | shale | 36 | 49 | 2 | shale | 192 | 194 |
| 3 | lime | 49 | 51 | 7 | lime | 194 | 201 |
| 8 | shale | 51 | 59 | 2 | shale | 201 | 203 |
| 11 | lime | 59 | 70 | 2 | lime | 203 | 205 |
| 12 | shale | 70 | 82 | 111 | shale | 205 | 316 |
| 3 | lime | 92 | 95 | 27 | red bed | 316 | 343 |
| 9 | shale | 95 | 104 | 2 | shale | 343 | 345 |

| 17 | lime | 104 | 121 | 2 | little sand | 345 | 347 |
|-----------|-------|-----|--|----|-------------|-----|------------|
| 7 | shale | 121 | 128 | | | | |
| <u>27</u> | lime | 128 | 155 | | | | |
| | | | | _ | | | |
| - | | | | 2 | sand | 347 | 349good |
| | | | | 2 | good | 349 | <u>351</u> |
| | | | 25 20 - 202 - 20 | 2 | vgood | 351 | 353 |
| | *** | | | 2 | good | 353 | 355 |
| | | | | 2 | good | 355 | 357 |
| | 6 | | | 2 | good | 357 | 359 |
| | | | | 2 | good | 359 | 361 |
| | | | | 2 | vgood | 361 | 363 |
| | | | The state of the s | 2 | vgood | 363 | 365 |
| | | | | | 1,5004 | | |
| | | | | 2 | vgood | 365 | 367 |
| | | | | 2 | vgood | 367 | 369 |
| | | | - | 2 | little | 369 | <u>371</u> |
| | | | | 12 | lime | 371 | 383 |
| | | | | 37 | shale | 383 | 418 stop |

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| A C | CONTROL |
|-----|----------------------|
| | OH WHITSEIVICES, LLC |

TICKET NUMBER 39557 LOCATION O 4 Janua PASBOX 884 FOREMAN 650/13 5 5 10 Mesocre 8676

| 20-431-9210 | hanute, KS 6672 or 800-467-8676 | i | CEM | ENT | | | |
|---------------------|------------------------------------|--------------|-----------------------|-------------------|-----------------|--|--------------|
| DATE | CUSTOMER# | WELL | NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
| 6/28/12 CUSTOMER | 4015 | ABC | ₩ <u>7-22</u> | Sw 23 | | 22 | m1 |
| J | TC Oil | Inc | | TRUCK # | DRIVER | TRUCK# | DRIVER |
| MAILING ADDRI | | _ | | 506 | Fre Mad | Safety | My |
| 35 | 6 88 Plus | n Creek | - K9 | 495 | Har Bec | HB 0 | |
| CITY | | 1 | ZIP CODE | 637 | Jam Mea | SM | |
| Osawo | Nomi'e | KS | 66064 | 548 | MikHac | mH. | |
| JOB TYPE | my string | HOLE SIZE | HOLE DE | PTH 418 | CASING SIZE & W | EIGHT 2 K | EUE |
| CASING DEPTH | 406 | DRILL PIPE | TUBING | | | OTHER | 4 3/ |
| SLURRY WEIGH | | SLURRY VOL_ | | gal/sk | 2 2 | and the same of th | Plus |
| DISPLACEMEN | т <u>2-36<i>Вв</i></u> ц | -DISPLACEMEN | T PSI MIX PSI_ | | _ RATE_4 BP | | |
| REMARKS: E | stablish | long rat | 2. Mixx Por | up 100 - Cue | e Flush, M | ix+ Pump | |
| | 5KS DU | برد دمي | nent. Comen | X to Sur | face. Flust | Jump + | 1 mar |
| clea | en Disp | ace 2/2 | Rubber Alug | to casin | S TO, Pres | | 800# PS1 |
| | | | essure for | | TITI Keleas | e pressun | E |
| to. | sex flag | t. Valu | e. Shot in | Casing | | | |
| | | | | U | | | |
| | | | | | | | |
| | | | | | 1 0000 | | |
| J7 | c Drilly | | | | Feed Moder | | |
| ACCOUNT | CULANITY | or UNITS | DESCRIPTION | ON of SERVICES or | PRODUCT | UNIT PRICE | TOTAL |
| CODE | QUANTI | -, | | | | om: moz | |
| 5401 | | / | PUMP CHARGE | | 495 | <u> </u> | 103000 |
| 5406 | _ | | MILEAGE | | <u>495</u> | | TU/C |
| 540 2 | | 406 | Cosing toot | 3 gra | | | NC |
| 5407 | 1/3 | , | Ton Miles | | 548 | | 116 67 |
| <i>5502</i> ¢ | | 12 hrs | FO BBL Vac | truck | 637 | | /3500 |
| | | | | | | | |
| | | | | | | | 2 10 |
| 1124 | | 51 5KS | OWC Ceme | nx | | | 958 00 |
| 11188 | | 100# | 23" Puble Flo Scal | Cal | | | 2100 |
| 4402 | 20 | 1 | 23" Rubbe | r Pluy | | | 2800 |
| 1107 | | 13# | Flo Scal | <u>d</u> | | | 30 22 |
| | | | | | | | |
| | | | | | C0 - | | |
| | | | | | SCAN | NED | |
| | | | | | - | 120 | |
| | ļ | | | - 123 A | ampletad | | |
| | | | | descrip | umpieiei — | - | |
| | | | | | 7.5% | | 70.40 |
| Danie 2707 | 1 | | | | 1.1/8 | SALES TAX ESTIMATED | 7840 |
| Ravin 3737 | n <u>Dia 12</u> | , // | | | | TOTAL | 2398 4 |
| | 67 -1-7 | 11/1 | TITLE_ | | | DATE | |

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