

Kansas Corporation Commission Oil & Gas Conservation Division

1095328

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 I II Approved by: Date: | | | | | |

Side Two



| Operator Name: | | | | _ Lease N | lame: | | | Well #: | | |
|---|--|-------------------------------------|--------------------------------|----------------------|------------------------|----------------------------|---|-----------------|----------|-------------------------|
| Sec Twp | S. R | East | West | County: | | | | | | |
| INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A | osed, flowing and shu es if gas to surface te | t-in pressures, st, along with f | whether sh inal chart(s | nut-in press | ure reach | ed static level, | hydrostatic pres | sures, bottom h | ole temp | erature, fluid |
| Drill Stem Tests Taker (Attach Additional S | | Yes | No | | Log | y Formation | n (Top), Depth a | nd Datum | | Sample |
| Samples Sent to Geo | logical Survey | Yes | No | | Name | | | Тор | I | Datum |
| Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy | d Electronically | Yes Yes Yes | ☐ No ☐ No ☐ No | | | | | | | |
| List All E. Logs Run: | | | | | | | | | | |
| | | Report all | CASING I | | New | Used mediate, producti | on, etc. | | | |
| Purpose of String | Size Hole Drilled | Size Ca Set (In C | sing | Weigi Lbs. / | ht | Setting Depth | Type of Cement | # Sacks Used | , ,, | and Percent dditives |
| | | | | | | | | | | |
| | | AI | DDITIONAL | CEMENTIN | G / SQUE | EZE RECORD | | | | |
| Purpose: — Perforate — Protect Casing — Plug Back TD — Plug Off Zone Depth Top Bottom Type of Cement | | | ement | # Sacks | Used | Type and Percent Additives | | | | |
| | | | | | | | | | | |
| Shots Per Foot | PERFORATI Specify I | ON RECORD - Footage of Each | Bridge Plugs Interval Perfo | s Set/Type orated | | | cture, Shot, Cemei mount and Kind of N | | d | Depth |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD: | Size: | Set At: | | Packer At: | | Liner Run: | | | | |
| Date of First, Resumed | Production, SWD or EN | | ducing Meth | od: | | as Lift C | Yes No | 0 | | |
| Estimated Production Per 24 Hours | Oil | Bbls. | | Mcf | Water | | ols. | Gas-Oil Ratio | | Gravity |
| DISPOSITIO | ON OF GAS: | | M | IETHOD OF | COMPLET | ION: | | PRODUCTIO | ON INTER | VAL: |
| Vented Sold | Used on Lease | Open | Hole (Specify) | Perf. | Dually ((Submit AC | | nmingled mit ACO-4) | | | |



| TICKET NUMBER | 39784 |
|------------------|----------|
| LOCATION OHOUG | IKS |
| FOREMAN CASO . I | Coursed. |

DATE

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

AUTHORIZTION

FIELD TICKET & TREATMENT REPORT

| 620-431-9210 | or 800-467-867 | 5 | CEMI | ENT | | | |
|--------------|----------------|--|--------------|-----------------|-------------------------------|-------------------|---------------|
| DATE | CUSTOMER# | WELL NAME | 1.0 | SECTION | TOWNSHIP | RANGE | COUNTY |
| 5/17/12 | 7532 | Thomas # | 11-7 | NE 29 | 14 | ಾಎ | 70 |
| CUSTOMER - | D.J. In | | 1 | . S. A. A | and the state of the state of | enir disedian (e. | ASSESSMENT OF |
| MAILING ADDR | Petroleum | | | TRUCK# | DRIVER | TRUCK # | DRIVER |
| 100700 | O Sunfl | D1 | Î | 481 | Casken | ck | |
| 1000 | O DUATI | ower Ka | | 666 | GORMOO | GM | |
| Eda. J | | STATE ZIP CO | | 675 | Kei Det | KD | |
| Edgerto | n | KS 6/00 | | 558 | Ryasin | RS | |
| OB TYPE / 6 | ng Hring | HOLE SIZE 55/8 | " HOLE DE | ртн <u>950'</u> | CASING SIZE & W | EIGHT 27/8 | " FUE |
| ASING DEPTH | | DRILL PIPE | TUBING_ | boffle - 920 | 1 | OTHER | (300.00 |
| LURRY WEIG | HT | SLURRY VOL | WATER g | al/sk | CEMENT LEFT in | CASING 2 1/2 " | 7/m + 10 |
| ISPLACEMEN | T5.3566/s | DISPLACEMENT PSI | MIX PSI | | RATE O | O.A. | |
| EMARKS: La | eld safety | meeting, est | blished ci | icculation 1 | nived to | is deal 100 | # 2 |
| SEE TOU | nwed bev | 10 hhis wroch | LANGE AL | Wood T Andel | VA 1411 - | - 30/- ' | D ^. |
| man and the | 11 2% | el + 1/4 # F/c | See Look | sk come | the state of | 01/50 | 197MIX |
| lance | ward 4 | el + 14 # Flo 15" rubber plu Si, well held | at per | Cl. Lata | 10 SULTA | ce, + wshe | d pump |
| COS TO | I Can D | CI SOL SOL | 9 10 600 | le place w | S . 33 6 60 | s tresh u | rates. |
| aresurea. | 10 000 1 | si, were reine | pressure . | for 30 min | MII, ce | leased pe | essure, |
| shut in | casing. | | | | <u> </u> | — <u> </u> | |
| | | | | | - | | 70 |
| | | | - Control of | | -1 | | |
| | | | | 222 | 101 | 1 | |
| | | WHE CONTROL | | | | | |
| | 7 | | | | | | |

| ACCOUNT CODE | QUANITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|-----------------|------------------|------------------------------------|--------------------|---------|
| 5401 | | PUMP CHARGE | | 1030.00 |
| 5406 | 30 mi | MILEAGE | | 120.00 |
| 5402 | 930 | casing tootage | | |
| 5407 | minimum | ton mileage | | 350.00 |
| 55026 | 2 kcs | 80 Vac | | 180.00 |
| 1124 | 140 sks | 50/50 Poznix cenert | | 1533.00 |
| (118B | 335 # | Premium Gel | | 70.35 |
| 1107 | 35 # | FloSeal | | 82.25 |
| 4402 | | Flo Seal 21/2" rubber plug | | 28. an |
| | | | | |
| | | | | |
| | | 7.535 | | 128.95 |
| Agvin 3737 | 6/10 | | ESTIMATED TOTAL | 3522.55 |

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.

TITLE_

| Thickness of Strata | Formation | Total Depth | Remarks |
|---------------------|---------------------|-------------|---------|
| 20 | Soil/Clay | 20 | |
| 29 | Shale | 49 | |
| 7 | Lime | 56 | |
| 3 | Shale | 59 | |
| 16 | Lime | 75 | |
| 10 | Shale | 85 | |
| 8 | Lime | 93 | |
| 7 | Shale | 100 | |
| 21 | Lime | 121 | |
| 17 | Shale | 138 | |
| 19 | Lime | 157 | |
| 7 | Shale | 164 | |
| 55 | Lime | 219 | |
| 20 | Sahle | 239 | |
| 9 | Lime | 248 | |
| 17 | Shale | 265 | |
| 9 | Lime | 274 | |
| 5 | Shale | 279 | |
| 7 | Lime | 286 | |
| 45 | Shale | 331 | |
| 26 | Lime | 357 | |
| 6 | Shale | 363 | |
| 24 | Lime | 387 | |
| 4 | Shale | 391 | |
| 4 | l_ime | 395 | |
| 4 | Shale | 399 | |
| 7 | l_ime | 406 | |
| 35 | Shale | 441 | |
| 6 | Sand | 447 | |
| 10 | Sandy shale | 457 | |
| 123 | Shale | 580 | |
| 10 | Lime | 590 | |
| 5 | Shale | 595 | |
| 10 | l_ime | 605 | |
| 13 | Shale | 618 | |
| 2 | l_ime | 620 | |
| 15 | Shale | 635 | |
| 4 | l_ime | 639 | |
| 110 | S _i hale | 749 | |
| 13 | Sand | 762 | Odor |
| 103 | Shale | 865 | |
| 3 | Sand | 868 | 50% |
| 5 | Sand | 873 | solid |
| 2 | Sand | 875 | 50% |
| 2 | Sandy shale | 877 | 20% |
| 4 | Sandy shale | 881 | |

69 shale 950 TD