

Kansas Corporation Commission Oil & Gas Conservation Division

1046683

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 🔲 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 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: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW | 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 Twp S. R |
| ☐ ENHR Permit #: ☐ GSW Permit #: | County: Permit #: |
| Spud Date or Date Reached TD Completion Date or 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 Nar | me: | | | _ Well #: | |
|---|---|--|----------------------|-----------------|---|----------------------|-----------------|-------------------------------|
| Sec Twp | S. R | East West | County: _ | | | | | |
| INSTRUCTIONS: Shortime tool open and clos recovery, and flow rates line Logs surveyed. Att | ed, flowing and shut if gas to surface tes | in pressures, whether s it, along with final charte | shut-in pressur | e reache | d static level, | hydrostatic pres | sures, bottom h | ole temperature, fluid |
| Drill Stem Tests Taken (Attach Additional St | neets) | Yes No | | Log | Formation | n (Top), Depth ar | nd Datum | Sample |
| Samples Sent to Geological Survey | | | | Name | | | Тор | Datum |
| Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy) List All E. Logs Run: | | Yes No Yes No Yes No | | | | | | |
| | | CASING | RECORD | Now | Used | | | |
| | | Report all strings set- | | New ce, interme | | 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 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | ADDITIONA | L CEMENTING | / SOUFF | ZE RECORD | | | |
| D. II | | Type of Cement | | | | | | |
| 1 ldg 0ll 20ll0 | | | | | | | | |
| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | | | | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth | | | |
| | | | | | | | | |
| | | | | | | | | |
| TUBING RECORD: | Size: | Set At: | Packer At: | Li | ner Run: | Yes No |) | |
| Date of First, Resumed P | roduction, SWD or EN | Producing Met | hod: | Gas | Lift C | other (Explain) | | |
| Estimated Production Per 24 Hours | Oil E | Bbls. Gas | Mcf | Water | Bl | ols. | Gas-Oil Ratio | Gravity |
| DISPOSITION Vented Sold (If vented, Subn | Open Hole | METHOD OF COMPLETION: Perf. Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4) | | | | PRODUCTION INTERVAL: | | |

9/27/2010

WELL LOG

| Thickness of Strata | Formation | Total Depth | | |
|---------------------|-----------|-----------------------------|--|--|
| 2 | Soil | | | |
| 8 | Clay | 10 | | |
| 7 | Shale | 17 | | |
| 28 | Lime | 45 | | |
| 2 | Shale | 47 | | |
| 9 | Lime | 56 | | |
| 2 | Shale | 58 | | |
| 13 | Lime | 71 | | |
| 85 | Shale | 156 | | |
| 18 | Lime | 174 | | |
| 2 | Shale | 176 | | |
| 8 | Sand | 184-Gray, No Bleed | | |
| 2 | Lime | 186 | | |
| 22 | Shale | 208 | | |
| 6 | Lime | 214 | | |
| 32 | Shale | 246 | | |
| 9 | Lime | 255 | | |
| 3 | Shale | 258 | | |
| 4 | Lime | 262 | | |
| 12 | Shale | 274 | | |
| 26 | Lime | 300-Winterset | | |
| 8 | Shale | 308 | | |
| 22 | Lime | 330-Bethany Falls | | |
| 4 | Shale | 334 | | |
| 4 | Lime | 338-KC 342 | | |
| 4 | Shale | | | |
| 6 | Hertha | 348-Lime | | |
| 140 | Shale | 488 | | |
| 3 | Sand | 491-Odor, Little Show, Gray | | |
| 5 | Sand | 496-Good Show | | |
| 2 | Sand | 498-Gray | | |
| 5 | Shale | 503 | | |
| 5 | Lime | 508 | | |
| 66 | Shale | 574 | | |
| 3 | Lime | 577 | | |
| 46 | Shale | 623 | | |
| 2 | Lime | 625 | | |
| 1 | Shale | 626 | | |
| 4 | Lime | 630 | | |
| 6 | Shale | 636 | | |

Town Oilfield Service, Inc. Commenced Spudding: (913) 837-8400

9/27/2010

3 Sand 639-Oil 11 Sandy Shale 650-No Show 54 704 Shale 5 709-Good Bleed Sand 4 Sandy Shale 713-Little Oil 7 Sandy Shale 720-No Shale 19 739 Shale 7 746-Some Show Sandy Shale 34 Shale 780 15 Sandy Shale 795-No Show 817-Black, TD 22 Shale



TICKET NUMBER 27175

LOCATION Ottawa

FOREMAN Alan Mader

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

FIELD TICKET & TREATMENT REPORT

| | | | | O PEINTER! | | Tel Section - Not out to tel tel | Contraction of the Contraction o | |
|-------------------------|---|----------------|------------|-------------|------------------|---------------------------------------|--|--|
| DATE | CUSTOMER# | WELL I | NAME & NUM | BER | SECTION | TOWNSHIP | RANGE | COUNTY |
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| CASING DEPTH | 0-0-1 | DRILL PIPE | | TUBING | 10/04/ | | OTHER | |
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| | Ku | 51.1 | $\sim N$ | | | | TOTAL | 11560 |

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.