

Kansas Corporation Commission Oil & Gas Conservation Division

1046582

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: | 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? | | | |
| If Workover/Re-entry: Old Well Info as follows: | sx cm. | | | |
| Operator: | 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 #: Dual Completion Permit #: | Operator Name: | | | |
| SWD Permit #: | Lease Name: License #: | | | |
| ENHR Permit #: | Quarter Sec TwpS. R East West | | | |
| 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 III Approved by: Date: | | | | | | |

Side Two



Operator Name: _ Lease Name: _ _ Well #: _ County: _ 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 complete copy of all Electric Wireline Logs surveyed. Attach final geological well site report. **Drill Stem Tests Taken** Yes No Log Formation (Top), Depth and Datum Sample (Attach Additional Sheets) Name Top Datum Samples Sent to Geological Survey ☐ Yes □ No Cores Taken Yes No Electric Log Run Electric Log Submitted Electronically Yes No (If no, Submit Copy) List All E. Logs Run: CASING RECORD Used New Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight # Sacks Type and Percent Type of Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Additives Depth Cement Used ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth TUBING RECORD: Size: Set At: Packer At: Liner Run: No Yes Producing Method: Date of First, Resumed Production, SWD or ENHR. Pumping Gas Lift Other (Explain) Flowing **Estimated Production** Bbls. Water Bbls. Gas-Oil Ratio Oil Gas Mcf Gravity Per 24 Hours **DISPOSITION OF GAS:** METHOD OF COMPLETION: PRODUCTION INTERVAL: Open Hole Dually Comp. Perf. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Other (Specify)



#236037

AUTHORIZTION_

FIELD TICKET & TREATMENT REPORT

| 20-431-9210 c | hanute, KS 667 or 800-467-867 | 6 | | CEM | | TOWNSHIP | RANGE | COUNTY |
|---------------|----------------------------------|-------------|------------------------------------|---------------------------------------|--------------|---|--|----------------------------|
| DATE | CUSTOMER# | | | NUMBER | SECTION | | | |
| 8/18/10 | 5623 | DEFENSAL | 164 | #25 | 4 | 34 | 145 | Mont. KS |
| USTOMER | MAAN | | | | TRUCK# | DRIVER | TRUCK# | DRIVER |
| AILING ADDRE | <u>M4GNL</u> =88 | 4// | | | 4/9 | JAMES N | | |
| MILING ADDING | | | | ĺ | 55/ | CHANCEY | | |
| ITY | | STATE | ZIP COL | DE | 514 T-64 | - | | |
| 411 | | / / | | ļ | 0.4 1 0, | /12- | | |
| | 45 | HOLE SIZE | 1.3/ | ; / HOLE DE | PTH 840 | CASING SIZE & V | EIGHT 4 | 2 |
| OB TYPE | | | ٠, | | | | OTHER | |
| ASING DEPTH | | DRILL PIPE | | | gal/sk | CEMENT LEFT in | CASING | <u> </u> |
| | iT | | T DEL W | WATER 9 | J On# | RATE | 4/2 | |
| ISPLACEMENT | T <u>/3.5</u> | DISPLACEMEN | 1 | 20 MIX PSI_ | Run 90 | | | |
| EMARKS: E | est, cik | c 6766 | - v | OHOW. | - WASH | out Pu | mp An | ,_ρ |
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| ACCOUNT | | <u> </u> | | | 10ED/00ED DI | PODUCT | UNIT PRICE | TOTAL |
| ACCOUNT | QUANITY or UNITS | | DESCRIPTION of SERVICES or PRODUCT | | | GMITTAGE | <u>i </u> | |
| 5401 | 1 | | PUMP CHARGE | | | | 900.00 | |
| 5406 | 30 840' | | MILEAGE FOOTAGE BULK TRUCK | | | | | 106.50 168.00 350.00 |
| 5402 | | | | | | | | |
| 5407 | | | | | | | | |
| 550/c | 3 | | TEANSPORT | | | | | 324.00 |
| 33012 | | <u> </u> | | | <u> </u> | | | |
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| 1/26 | 100 | /500H | | SEAL | | | | 325.00 |
| 1110A | /5 X | 1500* | | | | | | 165,00 |
| | ///3 4 | 1500* | SAL | | | | | III C |
| 11074 | | <u>/</u> | THE | NO | | | | 30,00 |
| 11/88 | <u> </u> | 1500 | GEL | | | | + | 301 |
| 1/23 | 4 | 200 | 411 | NATER BBER PLU | 4 11/- | | | 62.58 |
| 4404 | | ·/ | Ku. | BULK YLL | 16 4/2 | | + | 45,00 |
| | <u> </u> | | | | | | | 70,- |
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| | | <u></u> . | | -CD | SC. 4/90 |) · · · · · · · · · · · · · · · · · · · | | |
| | | | | 1,000 | D.5c 628 | 7 2 2 | | |
| | | | | | 23263 | C 1 47 | | 120 84 |
| | | | | | | | SALES TAX ESTIMATED | 138.84 4/90.99 |
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| Ravin 9737 | | | | | | | TOTAL | 4/900 |

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_