

Kansas Corporation Commission Oil & Gas Conservation Division

1145730

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: | |
| 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: |
| GSW Permit #: Spud Date or Date Reached TD Completion Date or | County: Permit #: |
| 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 | ole 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 Electric Log Run Electric Log Submitte (If no, Submit Copy | d Electronically | Yes No Yes No Yes No | | | | | |
| List All E. Logs Run: | | | | | | | |
| | | Report all strings set-o | | 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 F | Percent Additives | |
| Plug Back TD Plug Off Zone | | | | | | | |
| | DEDEODATI | ON DECORD - Daider Bloss | - O-4/T | Asid Fro | cture, Shot, Cemen | t Causana Dagar | |
| Shots Per Foot | Specify I | ON RECORD - Bridge Plug Footage of Each Interval Per | forated | | 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 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) | | _ |

Hurricane Services, Inc. 3613 A Y Road Madison, KS 66860 Office # 620-437-2661 Brad Cell # 620-437-6765

| Ticket Number_ | 100244 |
|----------------|-------------|
| Location | Madison |
| Foreman | Brad Butter |

Cement Service ticket

| Date | Customer# | Well Name & Number | Sec./1 | Township/Range | County |
|--------------------|-----------|--------------------|--------|----------------|---------|
| 4-30-13 | | Kramer #8 | 3- | 24-17E | Woodsow |
| Customer German | 001 | Mailing Address | City | State | Zip |

| Job Type: | LongsTring | | Truck# | Driver |
|-------------------|-----------------------------|--------------------------|----------------|----------|
| | | | 201 | Kelh |
| Hole Size: 51/8" | Casing Size: | Displacement: 7 861s. | 202 | Jerry |
| Hole Depth: /230 | Casing Weight: | Displacement PSI: 600 | 106 | Austin |
| Bridge Plug: | Tubing: 27/8" | Cement Left in Casing: 0 | 103 | James |
| Packer: | PBTD: 1224- | | | |
| Quantity Or Units | Description | of Servcies or Product | Pump charge | 790.00 |
| 35 | Mileage | | \$3.25/Mile | 113.75 |
| 142 SACKS | Quick Set Coment | | 17.90 | 2541.80 |
| THE SHOP | QUIEN DET CEMENT | | 17.10 | 40 11.00 |
| 200 16s. | Gel > Flush Ahe | ad | ,30 | 60.00 |
| 4 Hrs. | WATER Truck | | 84.00 | 336.00 |
| 4 Hrs. | WATE Truck | | 84.00 | 336.00 |
| 4600 GAL | WATE | | 13.00 /2/1000 | 57.80 |
| | Mit I de Mila de la Company | | | |
| Tons | Bulk Truck > minimum | charse | \$1.15/Mile | 250.00 |
| 2 | Plugs 27/8" Tep Rubb | e | 25.00 | 50.00 |
| | | | Subtotal | 4537.35 |
| | | | Sales Tax | 197.95 |
| | | | Estimated Tota | |

| | | | Estillated Total 1,100,00 |
|----------|-------------------------------------|------------------------------|------------------------------------|
| Remarks: | Rigupto 278" Tubing, Break circul | Trow with Cresh water Pumper | 1/0 Bhi. Gel Flush, circulated Gel |
| | To condition Hole, Mixed 142, Sh | | |
| | 2-Top Rubber Plug - Displaced Plugs | | |
| Bumped | Plug To 1200 PSI - close Tubing No | w/ 1200 RSI Good Ce | MENTETWAS WITH 7 Bbl Slevy |
| | | Job complete- Teardown | / |
| | | 1 | |
| | 7 | 19AK YOU" | |

Customer Signature

(Rev. 1-2011)

| Lease Name: Kramer | Spud Date: 4-29-2013 | Surface Pipe Size: 7" | Depth: 20' | TD: 1230 |
|----------------------|----------------------|-----------------------|--|----------|
| Operator: Ron German | Well #8 | Bit Diameter: 5 7/8" | | |
| | | | | |
| Footage taken | Sample type | | | |
| 0_4 | soil | | | |
| 4_15 | clay gravel | | | |
| 15_67 | lime | | | |
| 67_201 | shale | | | |
| 201_286 | lime | | | |
| 286_326 | shale | | | |
| 326_410 | lime | | | |
| 410_414 | shale | | | |
| 414_460 | lime | | | |
| 460_464 | shale | | | |
| 464_474 | lime | | | |
| 474_627 | shale | | | |
| 627_631 | lime | | | |
| | | | | |
| 631_654 | shale | | | |
| 654_659 | lime | | | |
| 659_682 | shale | | | 4 |
| 682_684 | lime | | | |
| 684_731 | shale | | | |
| 731_733 | lime | | | |
| 733_735 | shale | | | |
| 735_742 | lime | | | |
| 742_755 | shale | | | |
| 755_759 | lime | | | |
| 759_777 | shale | | | |
| 777_781 | lime | | | |
| 781_796 | shale | | | |
| 796_800 | lime | | | |
| 800_811 | shale | | | |
| 811_818 | lime | | | |
| 818_822 | shale | | | |
| 822_824 | lime | | | |
| 824_845 | shale | | | |
| 845_846 | 1st cap | | | |
| 846_852 | shale | | | |
| 852_853 | 2nd cap | | | - |
| | broken sand oil | | | - |
| 853_860 | | | | |
| 860_1176 | shale | | | - |
| 1176_1179 | hard lime | | | - |
| 1179_1187 | soft lime oil | | | 4 |
| 1187_1194 | lime | | | |
| 1194_1199 | soft lime no odor | | and the same of th | |
| 1199_1230 | lime | · F | | |
| 1 | 230 TD | | | |
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