CONFIDENTIAL

ORIGINAL

Form-ACO-1 October 2008

October 2008
Form Must Be Typed

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

AMENDED

| OPERATOR: License # 33539   | API No. 15 - 205-27638-0000   |  |  |  |  |
|---|---|--|--|--|--|
| Name: Cherokee Wells, LLC   | Spot Description:   |  |  |  |  |
| Address 1: P.O. Box 296   | SE _SE Sec. 13 _ Twp. 27 _S. R14 _ ✓ East _ West  |  |  |  |  |
| Address 2:  | 660 Feet from North / South Line of Section   |  |  |  |  |
| City: Fredonia State: Ks Zip: 66736 +   | 660 Feet from 🕢 East / 🗌 West Line of Section   |  |  |  |  |
| Contact Person: Emily Lybarger  | Footages Calculated from Nearest Outside Section Corner:  |  |  |  |  |
| Phone: (620 ) 378-3650  | NE □NW ☑ SE □SW   |  |  |  |  |
| CONTRACTOR: License # 5675  | County: Wilson  |  |  |  |  |
| A A - Discours - Duilling   | Lease Name: Thomas, R. Well #: A-6  |  |  |  |  |
| Wellsite Geologist: N/A   | Field Name: Cherokee Basin Coal Gas Area  |  |  |  |  |
| Purchaser: Southeastern Kansas Pipeline   | Producing Formation: Unknown  |  |  |  |  |
|   | Elevation: Ground: 986' Kelly Bushing: N/A  |  |  |  |  |
| Designate Type of Completion:   |   |  |  |  |  |
| New Well Re-EntryWorkover   | Total Depth: 1430' Plug Back Total Depth: 1411'   |  |  |  |  |
| Oil SIOW  | Amount of Surface Pipe Set and Cemented at: Feet  |  |  |  |  |
| Gas ENHR SIGW   | Multiple Stage Cementing Collar Used? Yes  No   |  |  |  |  |
| CM (Coal Bed Methane) Temp. Abd.  Dry Other   | If yes, show depth set: Feet  |  |  |  |  |
| (Core, WSW, Expl., Cathodic, etc.)  | If Alternate II completion, cement circulated from:surface  |  |  |  |  |
| If Workover/Re-entry: Old Well info as follows:   | feet depth to: bottom casing w/ 150 sx cmt.   |  |  |  |  |
| Operator:   | Drilling Fluid Management Plan AHT 1/T 4-71-09  |  |  |  |  |
| Well Name:  | Drilling Fluid Management Plan AHA JUS 4-21-09 (Data must be collected from the Reserve Pl.)  |  |  |  |  |
| Original Comp. Date: Original Total Depth:  | Chloride content: ppm Fluid volume: bbls  |  |  |  |  |
| Deepening Re-perf Conv. to Enhr Conv. to SWD  | Dewatering method used:   |  |  |  |  |
| Plug Back:Plug Back Total Depth   | Location of O. in disposal if bouled office.  |  |  |  |  |
| Commingled Docket No.:  | Location of fluid disposal if hauled offsite:   |  |  |  |  |
| Dual Completion   | Operator Name:  |  |  |  |  |
| Other (SWD or Enhr.?) Docket No.:   | Lease Name: License No.:  |  |  |  |  |
| 9/10/08 9/12/08 10/23/08  | Quarter Sec TwpS. R East West   |  |  |  |  |
| Spud Date or Date Reached TD Completion Date or Recompletion Date   | County: Docket No.:   |  |  |  |  |
| of side two of this form will be held confidential for a period of 12 months if req tiality in excess of 12 months). One copy of all wireline logs and geologist we BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 for | onversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information uested in writing and submitted with the form (see rule 82-3-107 for confidendal report shall be attached with this form. ALL CEMENTING TICKETS MUST m with all temporarily abandoned wells. |  |  |  |  |
| All requirements of the statutes, rules and regulations promulgated to regulate to are complete and correct to the best of my knowledge.  | he oil and gas industry have been fully complied with and the statements herein   |  |  |  |  |
| Signature: Kanny Kull   | / KCC Office Use ONLY   |  |  |  |  |
| Title: Administrative Assistant Date: 2/27/09   | <b>y</b>  |  |  |  |  |
| 24 Fal 111111   | Letter of Confidentiality Received  |  |  |  |  |
| Subscribed and sworn to before me this day of day of  | If Denied, Yes Date:  |  |  |  |  |
| Million Plant P   | OTARY Wireline Log Received RECEIVED  Geologist Report Received KANSAS CORPORATION COMMISS  |  |  |  |  |
|   |   |  |  |  |  |
|   | OF KAN THE WICHITA, KS  |  |  |  |  |

Side Two

| Operator Name: Cherokee Wells, LLC                    |   |   | Lease Name:                                   | Lease Name: Thomas, R.                             |  | Well #:           |                         |  |
|---|---|---|---|--|--|-------------------|-------------------------|--|
| •   | 27 S. R. 14   |   | County: Wil                                   |  |  |                   |                         |  |
| time tool open and cl<br>recovery, and flow rat       | osed, flowing and shu   | d base of formations per<br>it-in pressures, whether s<br>est, along with final chart(<br>report. | shut-in pressure re                           | eached static level                                | , hydrostatic pre  | essures, bottom h | nole temperature, fluid |  |
| Drill Stem Tests Taken                                |   |   | ✓ Log Formation (Top), Depth and Datum Sample |  |  |                   |                         |  |
| Samples Sent to Geo                                   | Samples Sent to Geological Survey   |   | i i   | Name Top Datum Drillers Log - Previously Submitted |  |                   | Datum                   |  |
| Cores Taken<br>Electric Log Run<br>(Submit Copy)      |   | ☐ Yes ☑ No<br>☑ Yes ☐ No  |   |  |  |                   |                         |  |
|   | Previously Submitte   | nsity/Neutron Log, Du<br>ed   | al<br>CONF                                    | IDENTIA  |  |                   |                         |  |
|   |   |   | <del></del>                                   | New Used   |  |                   |                         |  |
| Purpose of String                                     | Size Hole   | Report all strings set-<br>Size Casing  | Weight  | Setting  | Type of  | # Sacks           | Type and Percent        |  |
| Surface   | Drilled 11"   | Set (In O.D.)<br>8 5/8"   | Lbs. / Ft.                                    | Depth 40'  | Portland   | Used 8            | Additives               |  |
| Longstring  | 6 3/4"  | 4 1/2"  | 10.5#   | 1420'  | Thickset   | 150               |                         |  |
|   |   |   |   |  |  |                   |                         |  |
|   |   | ADDITIONAL  | _CEMENTING / S                                | QUEEZE RECORD                                      |  |                   | <u> </u>                |  |
| Purpose: Depth Top Bottom Protect Casing Plug Back TD |   | Type of Cement #Sacks Use   |   | Type and Percent Additives                         |  |                   |                         |  |
| Plug Off Zone   |   |   |   |  |  |                   |                         |  |
| Shots Per Foot  | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated |   |   |  | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth |                   |                         |  |
| 4   | 1327.25-1329'   |   |   | 3400# Sand   |  |                   |                         |  |
| 4   | 1123.5-1125'  |   |   | 4200# Sand RECEIVED                                |  |                   |                         |  |
| 4   | 1039.5-1042; 1025.25-1027'  |   |   | 14500# Sand KANSAS CORPORATION COMMISSION          |  |                   |                         |  |
| 4   | 948.25-949.5'   |   |   | 3100# Sar  | 3100# Sand MAR 3 0 2009  |                   |                         |  |
|   |   |   |   |  |  | CONSP             | RVATION DIVISION        |  |
| TUBING RECORD:  | Size:   | Set At:   | Packer At:                                    | Liner Run:   | ✓ Yes  | W                 | /ICHITA, KS             |  |
| Date of First, Resumed 10/24/08                       | Production, SWD or Enl  | nr. Producing Met   | hod:  | ring 📝 Pumpi                                       | ng 🗌 Gas   | Lift Othe         | er (Explain)            |  |
| Estimated Production<br>Per 24 Hours                  | Oil   | Bbls. Gas   | Mcf W   | /ater B  | ibls.  | Gas-Oil Ratio     | Gravity                 |  |
| DISPOSITI   | DISPOSITION OF GAS: METH  |   |   | OF COMPLETION: PRODUCTION INTERVAL:                |  |                   |                         |  |
| Vented ✓ Solo   | d Used on Lease   | Open Hole Other (Specify)   | Perf. Dua                                     | ally Comp. Co                                      | mmingled _   |                   |                         |  |