# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION



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

| Operator: License #_33344   | API No. 15 - 133-26924-0000  |
|---|--|
| Name: Quest Cherokee, LLC   | County: Neosho   |
| Address: 211 W. 14th Street   |  |
| City/State/Zip: Chanute, KS 66720   | 2050 feet from S/ N (circle one) Line of Section   |
| Purchaser: Bluestem Pipeline, LLC   | 1980 feet from E / (W-)circle one) Line of Section   |
| Operator Contact Person: Jennifer R. Ammann   | Footages Calculated from Nearest Outside Section Corner:   |
| Phone: (620 ) 431-9500  | (circle one) NE SE NW (SW)   |
| Contractor: Name: Michael Drilling  | Lease Name: Watkins, Beulabel R. Well #: 13-1  |
| License: 33783  | Field Name: Cherokee Basin CBM   |
| Wellsite Geologist: Ken Recoy   | Producing Formation: Multiple  |
| Designate Type of Completion:   | Elevation: Ground: 1000 Kelly Bushing: n/a   |
| New Well Re-Entry Workover  | Total Depth: 1004 Plug Back Total Depth: 1000.78   |
| Oil SWD SIOWTemp. Abd.  | Amount of Surface Pipe Set and Cemented at 22 Feet   |
| ✓ Gas ENHR SIGW   | Multiple Stage Cementing Collar Used?  |
| Dry Other (Core, WSW, Expl., Cathodic, etc)   | If yes, show depth setFeet   |
| If Workover/Re-entry: Old Well Info as follows:   | If Alternate II completion, cement circulated from 1000.78   |
| Operator:   | feet depth to surface w/ 140 sx cmt.   |
| Well Name:  | '  |
| Original Comp. Date: Original Total Depth:  | Drilling Fluid Management Plan AI+ II NCR 1-22-09 (Data must be collected from the Reserve Pit)  |
| Deepening Re-perf Conv. to Enhr./SWD  | Chloride contentppm Fluid volumebbls   |
| Plug Back Plug Back Total Depth   | Dewatering method used   |
| Commingled Docket No  | -  |
| Dual Completion Docket No   | Location of fluid disposal if hauled offsite:  |
| Other (SWD or Enhr.?) Docket No   | Operator Name:   |
|   | Lease Name: License No.:   |
| 7/13/07         7/14/07         7/24/07           Spud Date or         Date Reached TD         Completion Date or   | Quarter Sec TwpS. R 🗍 East 🗍 West  |
| Recompletion Date Recompletion Date   | County: Docket No.:  |
| INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1: 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. | r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING |
| All requirements of the statutes, rules and regulations promulgated to regula herein are complete and correct to the best of my knowledge.  | te the oil and gas industry have been fully complied with and the statements   |
| Signature: Signature & Annmoun  | KCC Office Use ONLY  |
| Title: New Well Development Coordinator Date: 11/12/07  | Letter of Confidentiality Received   |
| Subscribed and sworn to before me this 15th day of 10 movember  | If Denied, Yes Date:   |
| 20 01   | Wireline Log Received KANSAS CORPORATION COMMISSION Geologist Report Received  |
| Notary Public: Deva Hauman  | UIC Distribution NOV 1 4 2007  |
| Date Commission Expires: 8-4-2010 TERR  | A KLAUMAN  |
| My Appt. Expires  | Hic-State of Kansas CONSERVATION DIVISION WICHITA, KS  |

| Operator Name:  | est Cherokee, LL  | Č  | l ease N                                      | Name: \  | Watkins, Beula   | bel R.                                    | Well #: <u>13-1</u> |             | *                        |
|---|---|--|---|--|--|---|---------------------|-------------|--------------------------|
| Sec. 13 Twp. 2  |   | ✓ East ☐ West  | County:                                       |  |  |   |                     |             |                          |
| INSTRUCTIONS: S<br>tested, time tool ope<br>temperature, fluid re | how important tops and closed, flowin covery, and flow rate   | and base of formations p<br>g and shut-in pressures,<br>es if gas to surface test, a<br>final geological well site | enetrated. C<br>whether shu<br>along with fin | Detail al<br>ut-in pre   | l cores. Repor   | static level, hydr                        | ostatic pressure    | es, botto   | m hole                   |
| Drill Stem Tests Take   |   | ☐ Yes 🗸 No   |   | √L   | og Format  | ion (Top), Depth                          | and Datum           |             | Sample                   |
| Samples Sent to Ge  | ological Survey   | ☐ Yes 🗹 No   |   | Nam<br>See   | <sub>e</sub><br>attached   |   | Тор                 | Ī           | Datum                    |
| Cores Taken Electric Log Run (Submit Copy)                        | + · · · · · · · · · · · · · · · · · · ·   | ☐ Yes   ☑ No<br>☐ Yes ☐ No   |   |  |  |   |                     |             |                          |
| List All E. Logs Run:   | <i>i</i><br>(   |  |   |  |  |   |                     |             |                          |
| Compensated<br>Dual Induction<br>Gamma Ray N                      | •   | n Log  |   |  |  |   |                     |             |                          |
|   |   |  | RECORD  | □ Ne   | _  |   | ,                   |             |                          |
| Purpose of String   | Size Hole<br>Drilled  | Report all strings set-<br>Size Casing<br>Set (In O.D.)  | Weigh<br>Lbs. / F                             | ht   | Setting Depth  | Type of Cement                            | # Sacks<br>Used     |             | and Percent<br>additives |
| Surface   | 12-1/4  | 8-5/8"   | 22  |  | 22   | "A"                                       | 5                   |             |                          |
| Production  | 6-3/4   | 4-1/2  | 10.5  |  | 1000.78  | "A"                                       | 140                 |             |                          |
|   | 1   |  |   |  | -  |   |                     |             |                          |
|   |   | ADDITIONAL   | CEMENTIN                                      | g / sql  | JEEZE RECORI   | )   |                     |             |                          |
| Purpose: Perforate  | Depth<br>Top Bottom   | Type of Cement   | #Sacks U                                      | Jsed   |  | Type and                                  | Percent Additives   |             |                          |
| Protect Casing Plug Back TD Plug Off Zone                         | :   |  | -   | <u> </u>   |  |   |                     |             |                          |
|   |   |  |   |  |  |   | 1                   |             |                          |
| Shots Per Foot  |   | ION RECORD - Bridge Plu<br>Footage of Each Interval Pe   |   |  |  | acture, Shot, Ceme<br>mount and Kind of N |                     | ď           | Depth                    |
| 4   | 4 918-921 300gal 15%HCL w/ 41bbis 2%kcl water, blocide, 446bbis 2%kcl, blocide, 2600# 20/40 send 918-92 |  |   |  |  | 918-921                                   |                     |             |                          |
| :   |   |  |   |  |  |   |                     |             |                          |
| 4 643-645/610-613   |   |  |   | 300gal 15%HCL w/ 48bbis 2%kcl water, biocide, 498bbis 2%kcl, biocide, 3900# 20/40 aand 643-645/610-613 |  |   |                     |             |                          |
|   |   |  |   |  |  |   |                     |             |                          |
| 4   | 4 510-514/499-503   |  |   |  | 300gel 15%HCL w/ 51bbls 2%kcl water, biocide, 646bbls 2%kcl, biocide, 8300# 20/40 send 510-514/499-503 |   |                     |             |                          |
| TUBING RECORD   | Size<br>3/8"  | Set At<br>952  | Packer At<br>n/a                              |  | Liner Run  | ☐Yes ☑ N                                  | ·<br>o              |             |                          |
| Date of First, Resume<br>9/12/07                                  | rd Production, SWD or   | Enhr. Producing Me   |   | Flowin   | g Pump   | ing Gas L                                 | .ift " 📉 🔲 Otho     | er (Explain | i)                       |
| Estimated Production<br>Per 24 Hours                              | Oil<br>n/a  | Bbls. Gas<br>8.8mcf  | Mcf   | Wat<br>33bbl   |  | Bbls.                                     | Gas-Oil Ratio       |             | Gravity                  |
| Disposition of Gas  | <u> </u>  | COMPLETION   |   |  | Production Inte  | rval                                      |                     |             |                          |
| Vented ✓ Solo   | Used on Lease   | Open Hole  | لستب  |  | Duallý Comp.   | Commingled                                |                     | **. *       | , -                      |
| (,, somes) =  | • *************************************   | Other (Spec  | (1) (A. D. A.)                                | TER.T  | e A :- we  |   |                     |             |                          |
|   |   |  |   | JCTIGE 1   | My Appl  |   |                     |             |                          |

071407

### Michael Drilling, LLC P.O. Box 402 lola, KS 66749 620-365-2755

Company:

Quest Cherokee LLC

Address:

- 5-3

9520 North May Ave, Suite 300

Oklahoma City, Oklahoma 73120

Ordered By: Donnie Meyers

Date: 07/14/07

Lease:

Watkins, Beulabel R.

County: Ncosho

Well#: 13-1

API#: 15-133-26924-00-00

#### **Drilling Log**

| FEET         | DESCRIPTION                | FEET    | DESCRIPTION                           |
|--------------|----------------------------|---------|---------------------------------------|
| <b>)-</b> 22 | Overburden                 | 499-507 | Lime                                  |
| 22-38        | Lime                       | 502     | Gas Test 38" at 1/2" Choke            |
| 38-62        | Shale With Lime Streaks    | 507-509 | Black Shale and Coal                  |
| 62-137       | 1.imc                      | 509-511 | Sandy Shale                           |
| 137-201      | Sand                       | 511-525 | Sand                                  |
| 201-282      | Shale                      | 525-540 | Sandy Shale                           |
| 282-290      | Lime and Shale             | 533     | Gas Test 43" at 1/2" Choke            |
| 290-325      | Lime                       | 540-567 | Shale                                 |
| 325-333      | Shale                      | 567-569 | Lime                                  |
| 333-338      | Sand                       | 569-587 | Shale                                 |
| 338-346      | Lime                       | 587-607 | Sandy Shale                           |
| 346-379      | Shale                      | 607-609 | Lime                                  |
| 379-384      | Lime                       | 609-611 | Coal                                  |
| 384-397      | Shale                      | 611-630 | Shale                                 |
| 397-400      | Lime                       | 630-640 | Sand                                  |
| 400-407      | Lime and Shale             | 640-642 | Shale                                 |
| 407-433      | Lime                       | 642-644 | Coal                                  |
| 433-437      | Black Shale                | 644-697 | Sandy Shale                           |
| 437-450      | Shale                      | 697-723 | Coat                                  |
| 450-473      | Sand                       | 723-747 | Sand                                  |
| 473-474      | Coal                       | 747-800 | Sandy Shale                           |
| 474-492      | Lime                       | 800-807 | Sand RECEIVED                         |
| 483          | Gas Test 38" at 1/2" Choke | 807-833 | Sandy Shale KANSAS CORPORATION COMMIS |
| 492-499      | Black Shale                | 833-836 | Coal NOV 1 4 2007                     |

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07/14/07

Lease:

Watkins, Beulabel R.

County: Neosho

Well#:

13-1

API#:

15-133-26924-00-00

#### **Drilling Log**

| FEET     | DESCRIPTION                       | FEET | DESCRIPTION                            |
|----------|-----------------------------------|------|--|
| 836-852  | Sand                              |      |  |
| 852-861  | Shale                             |      |  |
| 861-864  | Coal                              |      |  |
| 864-890  | Sand                              |      |  |
| 868      | Ocean- To Much Water For Gas Test |      |  |
| 890-893  | Coal                              |      |  |
| 893-915  | Shale                             |      |  |
| 915-918  | Coal                              |      |  |
| 918-1010 | Missippi Lime                     |      |  |
| 1010     | Gas Test 4" at I-1/2" Choke       |      |  |
| 1010     | rd                                |      |  |
|          |                                   |      |  |
|          | Surface 22'                       |      |  |
|          |                                   |      |  |
|          |                                   |      |  |
|          |                                   |      |  |
|          |                                   |      |  |
|          |                                   |      |  |
|          |                                   |      |  |
|          |                                   |      |  |
|          |                                   |      |  |
|          |                                   |      | RECEIVED  KANSAS CORPORATION COMMISSIO |
|          |                                   | 1    | NOV 14 2007                            |
| <u> </u> |                                   |      | CONSERVATION DIVISION                  |