# CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
Form ACO-1
September 1999
Form Must Be Typed

**WELL HISTORY - DESCRIPTION OF WELL & LEASE** 

| Operator: License #33344   | API No. 15 - 099-24187-0000  |
|--|--|
| Name: Quest Cherokee, LLC  | County: Labette  |
| Address: 211 W. 14th Street  |  |
| City/State/Zip. Chanute, KS 66720  | 1050 feet from N (circle one) Line of Section  |
| Purchaser: Bluestem Pipeline, LLC  | feet from E / (W)(circle one) Line of Section  |
| Operator Contact Person: Jennifer R. Ammann CONFIDENTIAL   | Footages Calculated from Nearest Outside Section Corner:   |
| Phone: (620) 431-9500  | (circle one) NE SE NW (SW)   |
| Contractor: Name: Michael Drilling   | Lease Name: Shomber Revocable Trust Well #: 26-2   |
| License: 33783   | Field Name: Cherokee Basin CBM   |
| Wellsite Geologist: Ken Recoy  | Producing Formation: multiple  |
| Designate Type of Completion:  | Elevation: Ground: 938 Kelly Bushing: n/a  |
| ✓ New Well Re-Entry Workover   | Total Depth: 1036 Plug Back Total Depth: 1029.63   |
| Oil SWD SIOW Temp. Abd.  | Amount of Surface Pipe Set and Cemented at 20 Feet   |
| ✓ Gas ENHR SIGW  | Multiple Stage Cementing Collar Used?  |
| Dry Other (Core, WSW, Expl., Cathodic, etc)  | If yes, show depth set Feet  |
| If Workover/Re-entry: Old Well Info as follows:  | If Alternate II completion, cement circulated from 1029.63   |
| Operator:  | feet depth to_surface w/_115sx cmt.  |
| Well Name:   | ·  |
| Original Comp. Date: Original Total Depth:   | Drilling Fluid Management Plan AILTH NO 1-8-09 (Data must be collected from the Reserve Pit)   |
| Deepening Re-perf Conv. to Enhr./SWD   |  |
| Plug Back Total Depth  | Chloride content ppm Fluid volume bbls   |
| Commingled Docket No   | Dewatering method used   |
| Dual Completion Docket No  | Location of fluid disposal if hauled offsite:  |
| Other (SWD or Enhr.?) Docket No  | Operator Name:   |
|  | Lease Name: License No.:   |
| 3/26/07         4/3/07         4/19/07           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 t Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. | or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3-nd geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells. |
| All requirements of the statutes, rules and regulations promulgated to regulate<br>nerein are complete and correct to the best of my knowledge.  | e the on and gas moustry have been fully compiled with and the statements  |
| Signature: Junifre R. Ammann   | KCC Office Use ONLY  |
| Title: New Well Development Coordinator Date: 7/23/07  | Letter of Confidentiality Received   |
| Subscribed and sworn to before me this 28 day of July  | If Denied, Yes Date:   |
| 20 DT  | Wireline Log Received  |
| - L / A  | Geologist Report Received RECEIVED   |
| Notary Public: Devoca Klauman  | UIC Distribution KANSAS CORPORATION COMMISSION   |
| Date Commission Expires: 8-4-2010 TERRA  | KLAUMAN JUL 2 4 2007   |
| Date Commission Expires: Notary Publi  | CONSERVATION DIVISION  |

|   |   |   |   | Sid                                  | e Two  |  |  |                   |                               |
|---|---|---|---|--------------------------------------|--|--|--|-------------------|-------------------------------|
| Que   | est Cherokée  | ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) |   |                                      | N  | Shomber Revo   | cable Trust                                | Well #: 26-2      |                               |
| Operator Name: Quest Cherokée, LLC Lease N Sec. 26 Twp. 32 S. R. 18 V East West County:             |   |   |   |                                      |  |  |  | vveii #;          |                               |
| INSTRUCTIONS: Sitested, time tool oper temperature, fluid rec Electric Wireline Logs                | now important tops an and closed, flowing covery, and flow rate | and base og<br>and shut-<br>s if gas to | f formations point pressures, surface test, a | enetrated.<br>whether shalong with f | Detail a<br>hut-in pre   | II cores. Repor  | static level, hyd                          | rostatic pressure | s, bottom hole                |
|   |   |   |   |                                      | ·  | 1  |  | <u> </u>          |                               |
| Drill Stem Tests Take   |   | Ye                                      | es 🗸 No                                       |                                      | V  | og Format  | ion (Top), Depth                           |                   | Sample                        |
| Samples Sent to Geo   | ological Survey   | ☐ Ye                                    | s 🗸 No  |                                      | Nam<br>See   | e<br>attached  | 1  | Тор               | Datum                         |
| Cores Taken Electric Log Run (Submit Copy)  | ores Taken  |   |   |                                      |  |  |  |                   |                               |
| List All E. Logs Run:   |   |   |   |                                      |  |  |  | ŧ                 |                               |
| Compensated I<br>Dual Induction<br>Gamma Ray N  | Log   | n Log                                   |   |                                      |  |  |  |                   |                               |
|   |   | Panor                                   |   | RECORD                               |  | ew 🔲 Used<br>ermediate, produ  | ction etc                                  |                   |                               |
| Purpose of String   | Size Hole<br>Drilled  | Siz                                     | e Casing<br>(In O.D.)                         | Wei                                  | ight   | Setting<br>Depth   | Type of Cement                             | # Sacks<br>Used   | Type and Percent<br>Additives |
| Surface   | 12-1/4  | 8-5/8"                                  |   | 22                                   |  | 20   | "A"  | 5                 |                               |
| Production 7  | 6-3/4   | 4-1/2                                   |   | 10.5                                 |  | 1029.63  | "A"  | 115               |                               |
| •   |   | ,                                       |   |                                      |  |  |  |                   |                               |
|   |   |   | ADDITIONAL                                    | CEMENTI                              | NG / SQ  | JEEZE RECOR  | D  |                   |                               |
| Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone                                       | Depth<br>Top Bottom   | Туре                                    | of Cement                                     | #Sacks                               | s Used   |  | Type and                                   | Percent Additives |                               |
| Shots Per Foot  |   |   | D - Bridge Plug<br>Each Interval Pe           |                                      |  |  | acture, Shot, Ceme<br>Amount and Kind of I |                   | d<br>Depth                    |
| 4   |   |   |   |                                      |  | 300gat 15%HCLw/ 23 bbls 2%kcl water, 501bblś water w/ 2% KCL, Blocide, 8500# 20/40 sand 934-936/877-879  |  |                   |                               |
| 4 629-631/611-613/600-602/568-570   |   |   |   |                                      | 869-870  300gal 15%HCLw/ 31 bbls 2%kcl water, 441bbls water w/ 2% KCL, Blockle, 8500# 20/40 sand 629-631/611-61: |  |  |                   |                               |
| 4   | 029-031/011-010/0   |   |   |                                      |  |  |  |                   | 600-602/568-570               |
| 4   | 512-516/482-486   |   |   |                                      |  | 300gel 15%HCLw/ 36 bbis 2%kcl water, 491bbls water w/ 2% KCL, Blockde, 10500# 20/40 sand 512-516/482-486 |  |                   |                               |
| TUBING RECORD         Size         Set At         Property           2-3/8"         966         n/a |   |   | Packer /<br>n/a                               | r At Liner Run Yes V No              |  |  |  |                   |                               |
| Date of First, Resumer 5/31/07  | d Production, SWD or I  | Enhr.                                   | Producing Met                                 | thod                                 | Flowir   | ig Pumi  | ping Gas                                   | Lift Othe         | r (Explain)                   |
| Estimated Production<br>Per 24 Hours  | Oil<br>n/a  | Bbls.                                   | Gas<br>0mcf                                   | Mcf                                  | Wat<br>148.1   |  | Bbls.                                      | Gas-Oil Ratio     | Gravity                       |
| Disposition of Gas  | METHOD OF   | COMPLETIC                               | on Y  |                                      |  | Production Inte  | erval                                      | ,                 | ,                             |
| (If vented, St  | Used on Lease   |   | Open Hole Other (Spec                         | ✓ Peri                               |  | Dually Comp.   | Commingled                                 |                   |                               |
|   | ¥€  |   | 271 87  |                                      | 0.5 y 5/10   | on i Em  |  |                   |                               |

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

| U4 | 0307    |      |
|----|---------|------|
|    | T. T. T | <br> |

Company:

Quest Cherokee LLC

Address:

9520 North May Ave, Suite 300

Oklahoma City, Oklahoma 73120

Ordered By: Donnie Meyers

Date: 04/03/07

Lease: Shomber Rev Trust

County: Labette

Well#: 26-2

API#: 15-099-24187-00-00

## **Drilling Log**

| FEET       | DESCRIPTION               | FEET    | DESCRIPTION               |
|------------|---------------------------|---------|---------------------------|
| 0-22       | Overburden                | 489     | Gas Test 0" at 1/4" Choke |
| 22-87      | Lime                      | 509-512 | Black Shale and coal      |
| 87-94      | Shale                     | 512-523 | Lime                      |
| 94-130     | Lime                      | 523-535 | Lime and Shale            |
| 130-140    | Shale                     | 531     | Gas Test 3" at 1/4" Choke |
| 140-180    | Lìme                      | 535-562 | Shale                     |
| 180-183    | Shale                     | 562-565 | Coal KCC                  |
| 183-185    | Coal                      | 565-573 | Sand 111 2 3 200          |
| 185-198    | Lime                      | 573-580 | Sandy Shale CONFIDENT     |
| 98-205     | Shale                     | 580-581 | Coal                      |
| 205-222    | Lime                      | 581-587 | Shale                     |
| 222-232    | Shale                     | 587-591 | Sand                      |
| 232-240    | Lime                      | 591-594 | Shale                     |
| 240-258    | Shale                     | 594-596 | Lime -                    |
| 258-285    | Sand                      | 596-598 | Coal                      |
| 285-350    | Shale                     | 598-609 | Shale                     |
| 350-385    | Lime                      | 609-610 | Coal                      |
| 385-388    | Black Shale               | 610-625 | Shale                     |
| 388-389    | Coal                      | 625-628 | Coal                      |
| 389-450    | Sandy Shale               | 628-634 | Shale                     |
| 150-479    | Lime                      | 634-643 | Sand                      |
| <b>451</b> | Gas Test 0" at 1/4" Choke | 643-644 | Coal                      |
| 79-487     | Black Shale               | 644-861 | Shale                     |
| 87-509     | Lime                      | 861-863 | Coal                      |

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

| 040307 |  |
|--------|--|
| -      |  |

 Company:
 Quest Cherokee LLC
 Date:
 04/03/07

 Address:
 9520 North May Ave, Suite 300
 Lease:
 Shomber Rev Trust

 Oklahoma City, Oklahoma 73120
 County:
 Labette

 Ordered By:
 Donnie Meyers
 Well#:
 26-2

 API#:
 15-099-24187-00-00

### **Drilling Log**

|                                      | EPI III                    | III LAP |              |     |
|--------------------------------------|----------------------------|---------|--------------|-----|
| FEET                                 | DESCRIPTION                | FEET    | DESCRIPTION  |     |
| 863-930                              | Shale                      |         |              |     |
| 930-934                              | Coal                       |         |              |     |
| 934-944                              | Shale                      |         |              |     |
| 936                                  | Gas Test 10" at 1/4" Choke |         |              |     |
| 944-1036                             | Missippi Lime              |         |              |     |
| 956                                  | Gas Test 10" at 1/4" Choke |         |              |     |
| 1036                                 | Gas Test 10" at 1/4" Choke |         |              |     |
| 1036                                 | TD                         |         | KCC          |     |
|                                      |                            |         | JUL 2 3 2007 |     |
|                                      | Surface 22'                |         | CONFIDENTIA  | XL. |
|                                      |                            |         |              |     |
|                                      |                            |         |              |     |
|                                      |                            |         |              |     |
| · / 1 /***************************** |                            |         |              |     |
|                                      |                            |         |              |     |
|                                      |                            |         |              |     |
|                                      |                            |         |              |     |
|                                      |                            |         |              |     |
|                                      |                            |         |              |     |
|                                      |                            |         |              |     |
|                                      |                            |         |              |     |
|                                      |                            |         |              |     |
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|                                      |                            |         |              |     |
|                                      |                            |         |              |     |

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| DESCRIPTION                             | OF WORK PERFORMED                        |   |   | <del></del>                             |              |
|---|--|---|---|---|--------------|
| LOGGING                                 |  |   |   | PERFORATING                             |              |
| RUN CASING                              | -  |   |   | FRACTURING                              |              |
| CEMENTING                               | ,  | x                                       |   | EQUIPPING                               |              |
| ACIDIZING                               |  | , <del>-</del>                          |   | OTHER                                   |              |
|   | <b>!</b>                                 |   |   |   |              |
| 4/19/2007                               |  |   |   |   |              |
| JOB SUMMAR                              | Y  |   |   |   | •            |
| Run & Cement l                          | Longstring - Notified Rusell @ F         | CCC Office - 4/19/07 @ 11:              | 00 am                                   |   |              |
| Time                                    |  |   |   | 11 H                                    |              |
|   |  | *************************************** |   |   |              |
| 8:00                                    | Casing trailer on location               |   |   | *************************************** |              |
| 8:00                                    | QCOS on location and rigg                | ed up                                   |   |   |              |
| 10:30                                   | Quest rig on location & rig              |   |   | *************************************** |              |
| 10:50                                   | Quest TIH w/ 1028.63' of a               |   |   |   |              |
| 12:00                                   | Quest hit fill approx. 10' fr            | ······································  |   |   |              |
| 12:25                                   |  | D. and circulated 2 sks of ge           | el to surface                           |   |              |
| 1:00                                    | Quest landed casing                      |   |   |   |              |
| 1:15                                    | Ques rigged down and mov                 | ······                                  | *************************************** | ·                                       |              |
| 1:30                                    |  |   | dye cement until dye returns flu        | ush pump, pump                          |              |
| <del></del>                             | plug with KCL water, set fl              | loat shoe                               |   | **************************************  |              |
| 2:00                                    | QCOS rigged down and of                  | f location                              |   |   |              |
| CEMENT SUM                              | IMARY:                                   |   |   |   |              |
| Total cement: 11                        | 15                                       |   |   |   |              |
| Cement blend: 5                         | # gilsonite and 1/4# flo-seal, stra      | aight cement, 2% cal cloride            |   | ······································  |              |
| Cement slurry w                         |  |   |   |   |              |
| Average surface                         | pressure:                                |   |   |   |              |
|   | Running cement circulation               | pressure: 250                           |   |   |              |
| ····                                    | Pumping plug circulation p               | ressure: 500                            |   |   |              |
| *************************************** | Circulation during job: goo              | d                                       |   |   |              |
|   |  | ······································  |   |   |              |
| HOLE/CASING                             | /FLOAT EQUIPMENT SUMM                    | ARY:                                    |   |   |              |
| Hole size & dept                        | th: 6-3/4" x 1035                        |   |   |   |              |
|   | epth: New 4-1/2" x 10.5# per/ft F        | Rge3 - plus shoe 1029.63                |   |   |              |
|   |  |   |   |   |              |
| 1 ea. 4-1/2" float                      | t shoe flapper type & 4-1/2" wip         | er plug                                 |   |   |              |
| Baffle locations                        | 77-714-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4 |   |   |   |              |
| 544                                     | 4.69                                     |   |   | · · · · · · · · · · · · · · · · · · ·   |              |
| 766                                     | 6.68                                     |   |   |   |              |
|   |  |   |   |   | KOC          |
|   |  |   |   |   |              |
|   |  |   |   |   | JUL Z 3 17NN |

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