Form ACO-1 September 1999 Form Must Be Typed

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

| Operator: License # 33344  | API No. 15 - 205-26800 - 00 - 00-   |
|--|---|
| Name: Quest Cherokee, LLC  | County: Wilson  |
| Address: 211 W. 14th Street  | w/2 -e/2 - ne - sw Sec. 34 Twp. 27 S. R. 17 V East West   |
| City/State/Zip: Chanute, KS 66720  | 1980 feet from S / N (circle one) Line of Section   |
| Address: 211 W. 14th Street  City/State/Zip: Chanute, KS 66720  Purchaser: Bluestem Pipeline, LLC  Operator Contact Person: Jennifer R. Ammann   | 2120 feet from E (W) (circle one) Line of Section   |
| Operator Contact Person: Jennifer R. Ammann  | Footages Calculated from Nearest Outside Section Corner:  |
|  | (circle one) NE SE NW SW  |
| Phone: (620 ) 431-9500   | Lease Name: Thorsell, Williams R. Well #: 34-1  |
| License: 33783   | Field Name: Cherokee Basin CBM  |
| Wellsite Geologist: Ken Recoy  | Producing Formation: Multiple   |
| Designate Type of Completion:  | Elevation: Ground: 996 Kelly Bushing: n/a   |
| New Well Re-Entry Workover   | Total Depth: 1212 Plug Back Total Depth: 1206.07  |
| OilSWDSIOWTemp. 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 setFeet  |
| If Workover/Re-entry: Old Well Info as follows:  | If Alternate II completion, cement circulated from 1206.07  |
| Operator:  | feet depth to_surface w/_125 sx cmt.  |
| Well Name:   | AH2-DG-12/21  |
| Original Comp. Date: Original Total Depth:   | Drilling Fluid Management Plan  |
| Deepening Re-perf Conv. to Enhr./SWD   | (Data must be collected from the Reserve Pit)   |
| · · ·  | Chloride content ppm Fluid volume bbls  |
| Plug Back Plug Back Total Depth  | Dewatering method used  |
| Commingled Docket No.  | Location of fluid disposal if hauled offsite:   |
| Dual Completion Docket No  | Operator Name:  |
| Other (SWD or Enhr.?) Docket No  | Lease Name: License No.:  |
| 7/16/06 7/17/06 7/25/06  | Quarter Sec TwpS. R East West   |
| Spud Date or Date Reached TD Completion Date or 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. It months if requested in writing and submitted with the form (see rule 82-3-101) months if requested in writing and submitted with this form. ALL CEMENTING |
| All requirements of the statutes, rules and regulations promulgated to regulat herein are complete and correct to the best of my knowledge.  | e the oil and gas industry have been fully complied with and the statements   |
| Signature: Limber L. Ammoun  | KCC Office Use ONLY   |
| Title: New Well Development Coordinator Date: 11/15/06   | Letter of Confidentiality Received  |
| Subscribed and sworn to before me this 15th day of 900embl   | · · · · · · · · · · · · · · · · · · ·   |
| Subscribed and sworn to before me this 10 day of 1000000   | , Wireline Log Received   |
| 20 <u>06</u> .   | Geologist Report Received   |
| Notary Public: Duva Klayman  | UIC Distribution  |
| 811 2010   |   |
|  | TERRA KLAUMAN   |

| Operator Name: Quest Cherokee, LLC  Sec. 34 Twp. 27 S. R. 17 Fast West |   | Lease Name: Thorsell, Williams R. Well #: 34-1   |   |                             |  | g11                                  |                               |
|--|---|--|---|-----------------------------|--|--------------------------------------|-------------------------------|
|  |   | County: Wilso  | County: Wilson  |                             |  |                                      |                               |
| tested, time tool ope<br>temperature, fluid re                         | n and closed, flowin<br>covery, and flow rate | and base of formations<br>g and shut-in pressures<br>s if gas to surface test,<br>final geological well site | s, whether shut-in pro<br>, along with final cha                            | essure reached              | static level, hyd                          | rostatic pressure                    | s, bottom hole                |
| Drill Stem Tests Take  |   | Yes Vo   | <b>∑</b> [  |                             | tion (Top), Depth                          |                                      | Sample                        |
| Samples Sent to Ge   | ological Survey                               | _ Yes ✓ No   | Nan<br>See  | ne<br>attached              |  | Тор                                  | Datum                         |
| Cores Taken  |   | Yes   ✓ No   |   |                             |  |                                      |                               |
| Electric Log Run<br>(Submit Copy)                                      |   | ✓ Yes   ☐ No   |   |                             |  |                                      |                               |
| List All E. Logs Run:  |   |  | İ   |                             |  |                                      |                               |
| Compensated Dual Induction Gamma Ray C                                 | _   |  |   | ——                          |  |                                      |                               |
|  |   |  | G RECORD N<br>t-conductor, surface, int                                     | ew Used<br>ermediate, produ | ction, etc.                                |                                      |                               |
| Purpose of String  | Size Hole<br>Drilled                          | Size Casing<br>Set (In O.D.)   | Weight<br>Lbs. / Ft.  | Setting<br>Depth            | Type of<br>Cement                          | # Sacks<br>Used                      | Type and Percent<br>Additives |
| Surface  | 12-1/4  | 8-5/8"   | 20  | 20                          | "A"  | 4                                    |                               |
| Production   | 6-3/4   | 4-1/2  | 10.5#   | 1206.07                     | "A"  | 125                                  |                               |
|  |   |  |   |                             |  |                                      |                               |
|  |   | ADDITION   | AL CEMENTING / SQ   | UEEZE RECOR                 | D  |                                      |                               |
| Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone          | Depth<br>Top Bottom                           | Type of Cement   | #Sacks Used   |                             | Type and                                   | Percent Additives                    |                               |
|  |   |  |   |                             |  |                                      |                               |
| Shots Per Foot   |   | ION RECORD - Bridge P<br>Footage of Each Interval F  |   |                             | acture, Shot, Ceme<br>Amount and Kind of I | ent Squeeze Record<br>Material Used) | Depth                         |
| 4 1113-1115  |   |  | 150gal 15%HCLw/ 250bbls water w/ 2% KCL, Biocide, 3000# 20/40 sand 1113-111 |                             |  |                                      |                               |
|  | 928-930/841-84                                | 3/806 800  |   | 300cal 15%HCl w             | / 650hhls water w/ 2% I                    | KCL Biockle 10000#2                  | 0/40 sand 928-930/841-843     |
| <del>4</del>   | 920-930/041-04                                | 3/000-009  |   | 300gai 13 Ariocki           | COODIS WALLS W/ 270                        | , Decide, 1000072                    | 806-809                       |
| 4  | 712-716/702-70                                | 6  |   | 300gal 15%HCLw              | / 550bbls water w/ 2% I                    | KCL, Biocide, 13000# 2               | 0/40 sand 712-716/702-706     |
| TUBING RECORD 2-   | Size<br>-3/8"                                 | Set At<br>1101.36  | Packer At<br>n/a  | Liner Run                   | Yes Z                                      | No                                   |                               |
| Date of First, Resume  | rd Production, SWD or                         | Enhr. Producing M  | lethod Flowin   | ng 🔽 Pum                    | oing Gas                                   | Lift Othe                            | r (Explain)                   |
| Estimated Production<br>Per 24 Hours                                   | Oil<br>n/a                                    | Bbls. Gas<br>Omcf  | Mcf Wa  |                             | Bbls.                                      | Gas-Oil Ratio                        | Gravity                       |
| Disposition of Gas   |   | COMPLETION   |   | Production Int              | erval                                      |                                      |                               |
| Vented Sold  | Used on Lease ubmit ACO-18.)                  | Open Hol   |   | Dually Comp.                | Commingled                                 |                                      |                               |



211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9500

## TICKET NUMBER 1652

FIELD TICKET REF #

FOREMAN \_\_\_\_\_\_\_

# TREATMENT REPORT & FIELD TICKET CEMENT

| DATE                 |                | WELL         | NAME & NUMBER     | R.**              | SECTION          | TOWNSHIP RAN                          | GE COUNTY                                     |
|----------------------|----------------|--------------|-------------------|-------------------|------------------|---------------------------------------|---|
| 7-25.06              | 2.2.2          | عدال در      |                   | 34-1              | 34"              | 27 77                                 | WE  |
| FOREMAN / OPERATOR   | TIME           | TIME         | LESS<br>LUNCH     | TRUCK<br>#        | TRAILER<br>#     | TRUCK<br>HOURS                        | EMPLOYEE<br>SIGNATURE                         |
| Jack B               | 7:00           | 1: 45        |                   | 903427            |                  | 6.75                                  | 100 Black                                     |
| Tim. A               | 6:30           |              |                   | 903255            | ·                | 7.25                                  | the 311                                       |
| MAUCVICK F           |                |              |                   | 903206            |                  | 6.T5<br>4.25                          | TO SE   |
| DAVE. E<br>DAVIDE    | 7:00           |              |                   | 903140            | 932452           | 4.75                                  | LONGER  |
| TROY W               | 7:00           |              |                   | 903106            |                  | 4.75                                  | Mysto   |
| Russell. A           | 7:00           |              | 1                 | 1 extra           |                  | 1 6.75                                | Market  |
| JOB TYPE LONGS       | tring HOLES    | SIZE 🔼 3     | <u>/4/</u>        | HOLE DEPTH /2     | <u>/ 2</u> CAS   | SING SIZE & WEIGHT                    | 4/2 10.                                       |
| CASING DEPTH / 2     | 06.07 DRILL I  | PIPE         |                   | TUBING            |                  |                                       |   |
| SLUBRY WEIGHT /      | 4.5 _ SLURE    | Y VOL        | <u> </u>          | NATER gal/sk      | CEN              | MENT LEFT in CASING                   | G   |
| DISPLACEMENT 19      | . 23 DISPLA    | ACEMENT P    | SI                | MIX PSI           | RAT              | E_LIbpm                               |   |
| DELIABIO.            |                |              |                   |                   |                  | 1 -                                   | :   |
| 7: 0                 | <u>ael 500</u> | cat to       | , <u>≤01face</u>  | · INSTAlle        | d Cement         | han RA                                | N 13K 50                                      |
| 4 17                 | 201 201        | 4/.          | 50 2KZ            | et cemerit        | TO GR.           | C 17 10 30                            | <u>, , , , , , , , , , , , , , , , , , , </u> |
| Pump. Pu             | MO Wiper       | plua         | to both           | on U Sa           | 4 Float.         | shar                                  | s profiles.                                   |
| RECE!                | VED            | , ,          |                   |                   |                  |                                       |   |
| KANSAS CORPORATI     | ON COMMISSION  |              | <u> </u>          |                   |                  |                                       |   |
| NOV 1.6              |                |              |                   |                   |                  |                                       |   |
| <del>140 4 + 0</del> |                |              |                   |                   |                  |                                       | - 4-i   |
| CONSERVATIO          | N DIVISION     | .07          | Ft Cas            | ing 4112          |                  |                                       |   |
|                      | , No.          | 6            | Central           | izcrs             |                  |                                       |   |
| 931310               | -              | 3 hr         | Casina -          |                   |                  |                                       |   |
| 607253               |                | 3 hr         | Cosina            |                   | ,                |                                       | <u> </u>                                      |
|                      |                |              | , j               | DESCRIPTION OF SI | ERVICES OR PROD  | UCT                                   | TOTAL<br>AMOUNT                               |
| ACCOUNT<br>CODE      | QUANTITY or    | UNITS        |                   | DESCRIPTION OF 31 | LITTIOES CITTIOE |                                       | AMOUNT  |
| 903427               | 46.7           | 5            | Foreman Pickup    |                   |                  |                                       |   |
| 903255               | 7.24           | 5 6,         | Cement Pump Tru   | ck                |                  |                                       |   |
| 903206               | 4              |              | Bulk Truck        |                   | <u> </u>         | <del></del>                           | <del> </del>                                  |
| 1104                 |                | 120 34       | Portland Cement   |                   | 211 / 41         | . 3"                                  |   |
| 1124                 |                | 2            | 50/50 POZ Blend   | <del> </del>      | 5/2 7            | <u> </u>                              |   |
| 1126                 |                |              | OWC - Blend Cen   | nent 4/2 Ling     | per plug         |                                       | +   |
| 1110                 |                | 12 51        | Gilsonite         | `                 |                  |                                       |   |
| 1107                 |                | / SK         | Flo-Seal          |                   |                  |                                       |   |
| 1118                 |                | <u> 3:5K</u> | Premium Gel       |                   |                  |                                       | 34.1  |
| 1215A                | <u>) 901</u>   | <u> </u>     | KGF               | 0 1 1 1 1         |                  | * ***                                 |   |
| 1111B                | ļ              | 2 5K         | Sodium Silicate-  | Calchloric        | <u> </u>         |                                       |   |
| 1123                 | 7000 g         | <u> </u>     | City Water        |                   |                  |                                       |   |
| 903140               |                | .75 hr       | Transport Truck   |                   |                  | <u> </u>                              |   |
| 932420               |                | .75 hr       | Transport Trailer |                   |                  |                                       |   |
| 903106               | 6.             | 75 hr        | 80 Vac            |                   |                  | · · · · · · · · · · · · · · · · · · · | ( *   |
| Ravin 4513           |                |              | 41/2              | Flortshoe         |                  |                                       | ,   |

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

71706

Company:

Quest Cherokee LLC

Address:

9520 North May Ave, Suite 300

Oklahoma City, Oklahoma 73120

Ordered By: Donnie Meyers

Date:

07/17/06

Lease:

Thorseli, William R.

County: Wilson

Well#:

34-1

API#: 15-205-26800-00-00

### **Drilling Log**

| FEET    | DESCRIPTION  | FEET     | DESCRIPTION                |
|---------|--|----------|----------------------------|
| 0-20    | Overburden   | 700-707  | Black Shale                |
| 20-41   | Wet Sand   | 707-714  | Lime                       |
| 41~134  | Lime   | 710      | Gas Test 10" at 1/2" Choke |
| 134-170 | Shale Substitute Subst | 714-715  | Black Shale                |
| 170-300 | Lime S   | 715-716  | Coal                       |
| 300-308 | Black Shale  | 716-736  | Sandy Shale                |
| 308-311 | Lime  Black Shale  Lime  Shale  Lime  Shale  Sandy Shale   |          | Making Lots Of Water       |
| 311-340 | Shale Shale Shale  | 736-755  | Sand                       |
| 340-408 | Lime S S S S S S S S S S S S S S S S S S S   | 755-770  | Sandy Shale                |
| 408-420 | Sandy Shale G  | 770-788  | Shale                      |
| 420-431 | Black Shale  | 788-789  | Coal                       |
| 431-459 | Shale  | 789-840  | Shale                      |
| 459-480 | Sandy Lime   | 840-843  | Coal                       |
| 480-574 | Sandy Shale  | 843-860  | Shale                      |
| 574-580 | Sand   | 860-885  | Sand                       |
| 580-612 | Shale  | 885-895  | Shaie                      |
| 612-615 | Lime   | 895-897  | Coai                       |
| 615-618 | Coal   | 897-915  | Shale                      |
| 618-647 | Lime   | 915-935  | Sand                       |
| 647-650 | Black Shale  | 935-945  | Sandy Shale                |
| 650-683 | Sandy Shale  | 945-958  | Water and Sand             |
| 683-684 | Coal   | 958-960  | Coal                       |
| 684-700 | Lime   | 960-1098 | Sand                       |
| 695     | Gas Test 10" at 1/2" Choke   | 1050     | To Much Water For Gas Test |

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

| 71706 |  |
|-------|--|
|-------|--|

Company:

Quest Cherokee LLC

Address:

9520 North May Ave, Suite 300

Oklahoma City, Oklahoma 73120

Ordered By: Donnie Meyers

Date: 07/17/06

Lease: Thorsell, William R.

County: wilson

Well#: 34-1

API#: 15-205-26800-00-00

### **Drilling Log**

| FEET      | DESCRIPTION                            | FEET | DESCRIPTION |
|-----------|--|------|-------------|
| 1098-1113 | Shale                                  | :    |             |
| 1113-1115 | Coal                                   |      |             |
| 1115-1120 | Shale                                  |      |             |
| 1120-1212 | Missippi Lime                          | :    |             |
| 1212      | To Much Water For Gas Test             |      |             |
| 1212      | TD                                     |      |             |
|           |  | ī    |             |
|           | Surface 20'                            |      |             |
|           |  |      |             |
|           |  |      |             |
|           | RECEIVED KANSAS CORPORATION COMMISSION |      |             |
|           | KANSAS CORPORATION COMMISSION          |      |             |
|           | NOV 1 6 2006                           |      |             |
|           | CONSERVATION DIVISION WICHITA, KS      |      |             |
|           | ·                                      |      |             |
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