

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 33344  
 Name: Quest Cherokee, LLC  
 Address: 211 W. 14th Street  
 City/State/Zip: Chanute, KS 66720  
 Purchaser: Bluestem Pipeline, LLC  
 Operator Contact Person: Jennifer R. Ammann  
 Phone: (620) 431-9500  
 Contractor: Name: L & S Well Service  
 License: 33374  
 Wellsite Geologist: Ken Recoy  
 Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc)  
 If Workover/Re-entry: Old Well Info as follows:  
 Operator: \_\_\_\_\_  
 Well Name: \_\_\_\_\_  
 Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

| 8/15/06                           | 8/16/06         | 8/24/06                                 |
|-----------------------------------|-----------------|---|
| Spud Date or<br>Recompletion Date | Date Reached TD | Completion Date or<br>Recompletion Date |

API No. 15 - 099-20427 24027-00-00  
 County: Labette  
 - - ne - sw Sec. 13 Twp. 32 S. R. 18  East  West  
1980 feet from  N (circle one) Line of Section  
2140 feet from E  W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Couch, E. P. Well #: 13-1  
 Field Name: Cherokee Basin CBM  
 Producing Formation: Multiple  
 Elevation: Ground: 846 Kelly Bushing: n/a  
 Total Depth: 856 Plug Back Total Depth: 848.79  
 Amount of Surface Pipe Set and Cemented at 22 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 848.79  
 feet depth to surface w/ 111 <sup>sq. cmt.</sup>  
AH2-Dlg-12/3/08

**Drilling Fluid Management Plan**  
 (Data must be collected from the Reserve Pit)  
 Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
 Dewatering method used \_\_\_\_\_  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Jennifer R. Ammann  
 Title: New Well Development Coordinator Date: 12/14/06  
 Subscribed and sworn to before me this 15th day of December,  
 2006.  
 Notary Public: Sara Klauman  
 Date Commission Expires: 8-4-2010

**TERRA KLAUMAN**  
 Notary Public - State of Kansas  
 My Appt. Expires 8-4-2010

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: RECEIVED  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**DEC 19 2006**

**CONSERVATION DIVISION  
WICHITA, KS**

Operator Name: Quest Cherokee, LLC Lease Name: Couch, E. P. Well #: 13-1  
 Sec. 13 Twp. 32 S. R. 18  East  West County: Labette

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

|   |   |   |                                  |                                 |
|---|---|---|----------------------------------|---------------------------------|
| Drill Stem Tests Taken<br><i>(Attach Additional Sheets)</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Name                                    | Top                              | Datum                           |
| Cores Taken   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | See attached                            |                                  |                                 |
| Electric Log Run<br><i>(Submit Copy)</i>                    | <input type="checkbox"/> Yes <input type="checkbox"/> No            |   |                                  |                                 |

List All E. Logs Run:

Compensated Density Neutron Log  
 Dual Induction Log  
 Gamma Ray Neutron Log

**CASING RECORD**  New  Used  
 Report all strings set-conductor, surface, intermediate, production, etc.

| 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 |
|-------------------|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Surface           | 11                | 8-5/8"                    | 20                | 22            | "A"            | 6            |                            |
| Production        | 6-3/4             | 4-1/2                     | 10.5              | 848.79        | "A"            | 111          |                            |

**ADDITIONAL CEMENTING / SQUEEZE RECORD**

| Purpose:                                | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|---|------------------|----------------|-------------|----------------------------|
| <input type="checkbox"/> Perforate      |                  |                |             |                            |
| <input type="checkbox"/> Protect Casing |                  |                |             |                            |
| <input type="checkbox"/> Plug Back TD   |                  |                |             |                            |
| <input type="checkbox"/> 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<br><i>(Amount and Kind of Material Used)</i>    | Depth                                      |
|----------------|---|---|--|
| 4              | 732-734   | 338bbbls water w/ 2% KCL, Biocide, 2500# 30/70 sand   | 732-734                                    |
| 4              | 551-553/471-473/435-437/441-443/408-410   | 400gal 15%HCL w/ 38 bbbls 2%kcl water, 665bbbls water w/ 2% KCL, Biocide, 15000# 30/70 sand | 551-553/471-473<br>435-437 441-443/408-410 |
| 4              | 346-350/319-323   | 300gal 15%HCL w/ 38 bbbls 2%kcl water, 510bbbls water w/ 2% KCL, Biocide, 14800# 30/70 sand | 346-350/319-323                            |

|   |   |                           |                                 |  |
|---|---|---------------------------|---------------------------------|--|
| <b>TUBING RECORD</b>  | Size<br><b>2-3/8"</b>   | Set At<br><b>764</b>      | Packer At<br><b>n/a</b>         | Liner Run<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumerd Production, SWD or Enhr.<br><b>11/27/06</b> | Producing Method<br><input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |                           |                                 |  |
| Estimated Production Per 24 Hours                                   | Oil Bbls.<br><b>n/a</b>   | Gas Mcf<br><b>14.6mcf</b> | Water Bbls.<br><b>24.9bbbls</b> | Gas-Oil Ratio<br><b></b>   |

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
*(If vented, Submit ACO-18.)*  Other (Specify) \_\_\_\_\_

L S Well Service, LLC #33374  
543A 22000 Road  
Cherryvale, Kansas 67335  
620-328-4433

## Drill Log

Quest Cherokee, LLC

EP Couch #13-1  
S13, T32,R18  
Labette Co, KS  
API#099-24027-0000  
PO #9235

0-5 DIRT  
5-45' SHALE  
45-55 LIME  
55-100 SANDY SHALE  
100-105 SHALE  
105-190 SANDY SHALE  
190-230 LIME PINK  
230-235 BLACK SHALE  
235-237 LIME  
237-295 SANDY SHALE  
295-322 LIME OSWEGO  
322-329 BLACK SHALE  
329-350 LIME  
350-355 BLACK SHALE W/COAL  
355-368 LIME  
366-395 SANDY SHALE  
395-396 COAL  
396-407 SHALE  
407-408 COAL  
408-412 SAND  
412-418 LIME  
418-424 BLACK SHALE W/COAL  
424-425 LIME  
425-473 SANDY SHALE  
473-475 COAL GAS  
475-485 SANDY GRAY SHALE  
485-490 SHALE  
490-510 SANDY SHALE W/STREAKS OF SAND  
510-545 SHALE  
545-548 COAL  
546-554 SHALE  
554-556 COAL  
556-560 SHALE  
560-565 BROWN SAND ODOR  
565-591 SANDY SHALE  
591-600 BROWN SAND ODOR  
600-612 SHALE  
612-614 COAL  
614-672 SHALE  
672-674 COAL  
674-727 SHALE  
727-730 COAL  
730-735 SHALE  
735-736 COAL  
736-764 SANDY SHALE  
764-768 COAL

8-15-06 Drilled 11" hole and set  
22' of 8 5/8" surface casing  
Set with 6 sacks Portland cement

8-16-06 Started drilling 6 3/4" hole

8-16-06 Finished drilling to  
T.D. 856'

255' 0"  
345' 5" ON 1/2" ORIFICE  
375' 10" ON 1/2" ORIFICE  
435' 8" ON 1/2" ORIFICE  
495' 30" ON 1/2" ORIFICE  
556' 30" ON 1/2" ORIFICE  
585' 35" ON 1/2" ORIFICE  
616' 35" ON 1/2" ORIFICE  
676' 30" ON 1/2" ORIFICE  
736' 35" ON 1/2" ORIFICE  
766' 45" ON 1/2" ORIFICE  
856' 45" ON 1/2" ORIFICE

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JAN 10 2008

CONSERVATION DIVISION  
WICHITA, KS

L S Well Service, LLC #33374  
543A 22000 Road  
Cherryvale, Kansas 67335  
620-328-4433

Drill Log  
Quest Cherokee, LLC

EP Couch #13-1  
S13, T32, R18  
Labette Co, KS  
API#099-24027-0000  
PO #9235

766-781 SHALE  
781-796 MISSISSIPPI  
796-856 BLACK DOLOMITE

T.D. 856'

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CONSERVATION DIVISION  
WICHITA, KS

# QUEST

Resource Corporation

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

TICKET NUMBER 1773

FIELD TICKET REF # \_\_\_\_\_

FOREMAN Craig / Joe

### TREATMENT REPORT & FIELD TICKET CEMENT

| DATE               | WELL NAME & NUMBER |          |            | SECTION | TOWNSHIP  | RANGE       | COUNTY             |
|--------------------|--------------------|----------|------------|---------|-----------|-------------|--------------------|
| Aug 21, 2006       | Couch, E.P. 13-1   |          |            | 13      | 32        | 18          | Labette            |
| FOREMAN / OPERATOR | TIME IN            | TIME OUT | LESS LUNCH | TRUCK # | TRAILER # | TRUCK HOURS | EMPLOYEE SIGNATURE |
| Craig B            | 6:15               | 12:30    |            | 903427  |           | 5.75        | <i>Craig B</i>     |
| Joe B              | 6:45               |          |            |         |           |             |                    |
| Wes T              | 7:15               | ↓        |            | 903197  |           | 5.25        | <i>Wes T</i>       |
| Mark B             | 7:15               |          |            |         |           |             |                    |
| Maverick D         | 7:00               |          |            |         |           |             |                    |
| David C            | 7:15               | ↓        |            | 903400  | 932705    | 5.25        | <i>David C</i>     |
| Troy W.            | 6:30               |          |            |         |           |             |                    |
| Russell H.         | 7:00               | ✓        |            | Entre   |           | 5.5         | <i>Russell H.</i>  |

JOB TYPE long string HOLE SIZE 6 5/8 HOLE DEPTH 856 CASING SIZE & WEIGHT 4 1/2 x 10.5  
 CASING DEPTH 848.79 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 13.53 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4.0 bpm

REMARKS:

RAW 1 SK gel swept to surface. Installed cement head RAW 1SK gel & 8 bbl dye & 111 SKS of cement to get dye to surface. Flush pump. Paper wiped plug to bottom & set float shoe

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION OF SERVICES OR PRODUCT      | TOTAL AMOUNT |
|--------------|-------------------|---|--------------|
|              | 848.79            | Ft 4 1/2 casing                         |              |
|              | 5                 | centralizers                            |              |
| 931310       | 2.5 hr            | Casing truck                            |              |
| 93895        | 2.5 hr            | Casing trailer                          |              |
| 903427       | 5.75 hr           | Foreman Pickup                          |              |
| 903197       | 5.25 hr           | Cement Pump Truck                       |              |
| 903230       | 5.25 hr           | Bulk Truck                              |              |
| 1104         | 1041 SK           | Portland Cement                         |              |
| 1124         | 2                 | 50/50 PGZ Blend Cement Baffles 3/4 x 3" |              |
| 1126         | 1                 | EWG Blend Cement 4 1/2 wiper plug       |              |
| 1110         | 1 SK              | Gilsonite                               |              |
| 1107         | 1 SK              | Flo-Seal                                |              |
| 1118         | 2 SK              | Premium Gel                             |              |
| 1215A        | 1 gal             | KCL                                     |              |
| 1111B        | 2 SK              | Sodium Silicate calcium chloride        |              |
| 1123         | 7000 gals         | City Water                              |              |
| 903400       | 5.25 hr           | Transport Truck                         |              |
| 932705       | 5.25 hr           | Transport Trailer                       |              |
| 931615       | 6 hr              | 80 Vac                                  |              |
|              | 1                 | 4 1/2 float shoe                        |              |

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