

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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: MOKAT  
 License: 5831  
 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. \_\_\_\_\_  

|                                   |                 |   |
|-----------------------------------|-----------------|---|
| <u>6/20/06</u>                    | <u>6/21/06</u>  | <u>6/30/06</u>                          |
| Spud Date or<br>Recompletion Date | Date Reached TD | Completion Date or<br>Recompletion Date |

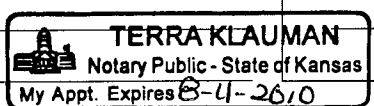
API No. 15 - 205-26705-00-00  
 County: Wilson  
 \_\_\_\_\_ SW - SW Sec. 19 Twp. 27 S. R. 16  East  West  
660 feet from S N (circle one) Line of Section  
660 feet from E W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Engelman, David Well #: 19-2  
 Field Name: Cherokee Basin CBM  
 Producing Formation: Multiple  
 Elevation: Ground: 928 Kelly Bushing: n/a  
 Total Depth: 1288 Plug Back Total Depth: 1267  
 Amount of Surface Pipe Set and Cemented at 22' 4" Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 1267  
 feet depth to surface w/ 150 sx cmnt.  
Alt 2 - Dg - 12/1/08

**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: 10/16/06  
 Subscribed and sworn to before me this 16<sup>th</sup> day of October,  
 20 06.  
 Notary Public: Verria Klauaman  
 Date Commission Expires: 8-4-2010



**KCC Office Use ONLY**

N Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received **RECEIVED**  
 UIC Distribution KANSAS CORPORATION COMMISSION  
**OCT 17 2006**

Operator Name: Quest Cherokee, LLC Lease Name: Engelman, David Well #: 19-2  
 Sec. 19 Twp. 27 S. R. 16  East  West County: Wilson

**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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(Submit Copy)</i><br><br>List All E. Logs Run:<br><br><b>Gamma Ray Neutron Log</b><br><b>Dual Induction Log</b><br><b>Compensated Density/Neutron Log</b> | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>Name <span style="float:right">Top <span style="float:right">Datum</span></span><br><b>See attached</b> |
|---|---|

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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   | 12-1/4            | 8-5/8"                    | 20                | 22' 4"        | "A"            | 4            |                            |
| Production  | 6-3/4             | 4-1/2                     | 10.5#             | 1267          | "A"            | 150          |                            |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD  |                  |                |             |                            |
|--|------------------|----------------|-------------|----------------------------|
| Purpose:   | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><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              | 1046-1050/1010-1012   | 300gal 15%HCLw/ 34 bbls 2%kcl water, 448bbls water w/ 2% KCL, Biocide, 8000# 30/70 sand  | 1046-1050/1010-1012                               |
| 4              | 944-946/960-962/973-975/906-909/890-892   | 400gal 15%HCLw/ 37 bbls 2%kcl water, 689bbls water w/ 2% KCL, Biocide, 15000# 30/70 sand | 944-946/960-962<br><br>973-975<br>906-909/890-892 |
| 4              | 806-810/796-800   | 300gal 15%HCLw/ 29 bbls 2%kcl water, 559bbls water w/ 2% KCL, Biocide, 12000# 30/70 sand | 806-810/796-800                                   |

|               |                    |                    |                      |   |
|---------------|--------------------|--------------------|----------------------|---|
| TUBING RECORD | Size <u>2-3/8"</u> | Set At <u>1090</u> | Packer At <u>n/a</u> | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|---------------|--------------------|--------------------|----------------------|---|

|  |  |
|--|--|
| Date of First, Resumerd Production, SWD or Enhr.<br><u>9/25/06</u> | Producing Method<br><input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> |
|--|--|

|                                   |                      |                       |                           |               |         |
|-----------------------------------|----------------------|-----------------------|---------------------------|---------------|---------|
| Estimated Production Per 24 Hours | Oil Bbls. <u>n/a</u> | Gas Mcf <u>2.1mcf</u> | Water Bbls. <u>57bbls</u> | Gas-Oil Ratio | Gravity |
|-----------------------------------|----------------------|-----------------------|---------------------------|---------------|---------|

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)*

DESCRIPTION OF WORK PERFORMED

LOGGING  
 RUN CASING  
 CEMENTING  
 ACIDIZING

|   |
|---|
|   |
|   |
| X |
|   |

PERFORATING  
 FRACTURING  
 EQUIPPING  
 OTHER

|  |
|--|
|  |
|  |
|  |
|  |

6/30/2006

JOB SUMMARY

Run & Cement Longstring - Notified Becke @ KCC Office - 6/30/06 @ 8:30 am

12:00 C&C rig on location and rigged up  
 12:00 Casing trailer on location  
 12:05 C&C - TIH with 1267' of casing  
 12:35 QCOS on location and rigged up  
 12:40 C&C - hit fill approx. 20' from T.D.  
 12:45 QCOS wash casing to T.D. and circulate 2 sks gel to surface  
 1:15 Quest - landed casing  
 1:25 Quest - rigged down and moved off location  
 3:25 QCOS - pump - circulate with fresh water, run 12 bbls dye cement until dye returns flush pump, pump plug with KCL water, set float shoe, 2 hr. wait on broke down cement bulk truck  
 3:55 QCOS rigged down and off location

CEMENT SUMMARY:

Total cement: 150  
 Cement Blend: 5# gilsonite and 1/4# flo-seal, straight cement, 2% cal chloride  
 Cement slurry weig 14.5  
 Average surface pressure:  
     Running cement circulation pressure: 200  
     Pumping plug circulation pressure: 400  
     Circulation during job: good

HOLE/CASING/FLOAT EQUIPMENT SUMMARY:

Hole size & depth: 6-3/4" x 1267  
 Casing size & depth: New 4-1/2" x 10.5# per/ft Rge3 - plus shoe 1267

198 centralizer  
 396 centralizer  
 595 centralizer  
 790 centralizer  
 981 centralizer  
 1245 centralizer

4-1/2" float shoe on bottom & 4-1/2" wiper plug

Baffle locations

847.09

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 KANSAS CORPORATION COMMISSION  
 OCT 17 2006  
 CONSERVATION DIVISION  
 WICHITA, KS

Air Drilling  
Specialist  
Oil and Gas Wells



**M.O.K.A.T. DRILLING**  
Office Phone: (620) 879-5377



P.O. Box 590  
Caney, KS 67333

|                                   |                                     |                         |                          |                       |               |                                |                                  |      |      |      |    |        |    |
|-----------------------------------|-------------------------------------|-------------------------|--------------------------|-----------------------|---------------|--------------------------------|----------------------------------|------|------|------|----|--------|----|
| Operator<br><b>QUEST CHEROKEE</b> |                                     | Well No.<br><b>19-2</b> | Lease<br><b>ENGELMAN</b> | Loc.                  | 1/4           | 1/4                            | 1/4                              | Sec. | 19   | Twp. | 27 | Rge.   | 16 |
| County<br><b>WILSON</b>           |                                     | State<br><b>KS</b>      | Type/Well                | Depth<br><b>1270'</b> | Hours         | Date Started<br><b>6/20/06</b> | Date Completed<br><b>6/21/06</b> |      |      |      |    |        |    |
| Job No.                           | Casing Used<br><b>22' 4" 7 5/8"</b> | Bit Record              |                          |                       | Coring Record |                                |                                  |      |      |      |    |        |    |
| Driller<br><b>HUNEYCUTT</b>       | Cement Used<br><b>4</b>             | Bit No.                 | Type                     | size                  | From          | To                             | Bit No.                          | type | Size | From | To | % Rec. |    |
| Driller                           | Rig No.<br><b>1</b>                 |                         |                          | <b>6 3/4"</b>         |               |                                |                                  |      |      |      |    |        |    |
| Driller                           | Hammer No.                          |                         |                          |                       |               |                                |                                  |      |      |      |    |        |    |

**Formation Record**

| From | To  | Formation            | From | To   | Formation                       | From | To | Formation | From | To | Formation |
|------|-----|----------------------|------|------|---------------------------------|------|----|-----------|------|----|-----------|
| 0    | 2   | OVERBURDEN           | 808  | 810  | COAL (MULKEY)                   |      |    |           |      |    |           |
| 2    | 340 | LIME                 | 810  | 813  | SHALE / SAND                    |      |    |           |      |    |           |
| 340  | 358 | SAND (LOTS OF WATER) | 812  |      | GAS TEST (15# 1/8")             |      |    |           |      |    |           |
| 358  | 365 | SHALE                | 813  | 859  | SAND                            |      |    |           |      |    |           |
| 365  | 401 | LIME                 | 859  | 902  | SHALE (BEVIER)                  |      |    |           |      |    |           |
| 401  | 405 | SHALE                | 902  | 907  | LIME (VERDIGRIS)                |      |    |           |      |    |           |
| 405  | 410 | LIME                 | 907  | 909  | COAL (CROWBERG)                 |      |    |           |      |    |           |
| 410  | 438 | SAND                 | 909  | 932  | SHALE / SAND                    |      |    |           |      |    |           |
| 438  | 456 | LIME                 | 932  | 933  | COAL (FLEMING)                  |      |    |           |      |    |           |
| 456  | 472 | SHALE                | 933  | 944  | SANDY SHALE                     |      |    |           |      |    |           |
| 472  | 501 | LIME                 | 944  | 945  | COAL (MINERAL)                  |      |    |           |      |    |           |
| 501  | 508 | SHALE                | 945  | 952  | SANDY SHALE                     |      |    |           |      |    |           |
| 508  | 510 | LIME                 | 952  | 953  | COAL (SCAMMON)                  |      |    |           |      |    |           |
| 510  | 562 | SHALE                | 953  | 1010 | SHALE / SAND                    |      |    |           |      |    |           |
| 562  | 566 | SAND                 | 1010 | 1011 | COAL (TEBO)                     |      |    |           |      |    |           |
| 566  | 590 | SHALE                | 1011 | 1048 | SAND (LOTS OF WATER)            |      |    |           |      |    |           |
| 590  | 609 | LIME                 | 1048 | 1049 | COAL (WEIR)                     |      |    |           |      |    |           |
| 609  | 616 | SHALE                | 1049 | 1187 | SAND (MORE WATER)               |      |    |           |      |    |           |
| 616  | 630 | LIME                 | 1187 | 1188 | COAL (RIVERTON)                 |      |    |           |      |    |           |
| 630  | 670 | SAND                 | 1188 | 1197 | SHALE                           |      |    |           |      |    |           |
| 670  | 710 | SANDY SHALE          | 1197 | 1270 | LIME (MISSISSIPPI)              |      |    |           |      |    |           |
| 710  | 712 | LIME                 |      |      | TOO MUCH WATER TO TEST FROM 812 |      |    |           |      |    |           |
| 712  | 714 | COAL (MULBERRY)      |      |      |                                 |      |    |           |      |    |           |
| 714  | 749 | LIME                 |      |      | T.D. 1270'                      |      |    |           |      |    |           |
| 749  | 751 | COAL (LEXINGTON)     |      |      |                                 |      |    |           |      |    |           |
| 751  | 779 | SHALE                |      |      |                                 |      |    |           |      |    |           |
| 779  | 780 | COAL                 |      |      |                                 |      |    |           |      |    |           |
| 780  | 794 | LIME (OSWEGO)        |      |      |                                 |      |    |           |      |    |           |
| 794  | 796 | COAL (SUMMIT)        |      |      |                                 |      |    |           |      |    |           |
| 796  | 802 | SHALE                |      |      |                                 |      |    |           |      |    |           |
| 802  | 808 | LIME                 |      |      |                                 |      |    |           |      |    |           |

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