

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| Operator: License # | API No. 15 - 133-26137-00-00 |
|---|---|
| Name: Quest Cherokee, LLC | County: Neosho |
| Address: 211 W. 14th Street | <u>\$2 -N2 ne - nw</u> Sec. 29 Twp. 30 S. R. 18 ✓ East West |
| City/State/Zip: Chanute, KS 66720 | 520 feet from S N circle one) Line of Section |
| Purchaser: Bluestem Pipeline, LLC | 1980 feet from E (W (gircle one) Line of Section |
| Operator Contact Person: Gary Laswell | Footages Calculated from Nearest Outside Section Corner: |
| Phone: (620) 431-9500 | (circle one) NE SE NW SW |
| Contractor: Name: LS Well Service, LLC. | Lease Name: Leck, Doris Well #: 29-1 |
| License: 33374 | Field Name: Cherokee Basin CBM |
| Wellsite Geologist: n/a | Producing Formation: Multiple Zone |
| Designate Type of Completion: | Elevation: Ground: 990 Kelly Bushing: n/a |
| New Well Re-Entry Workover | Total Depth: 1062 Plug Back Total Depth: 1058 |
| Oil SWD SIOWTemp. Abd. | Amount of Surface Pipe Set and Cemented at 21 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 1058 |
| Operator: | feet depth to Surface w/ 138 sx cmt. |
| Well Name: | ALTI WHM 8-24-06 |
| Original Comp. Date: Original Total Depth: | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |
| Deepening Re-perf Conv. to Enhr./SWD | |
| Plug Back 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.: |
| 9/02/04 9/03/04 9/11/04 Spud Date or Date Reached TD Completion Date or | Quarter Sec TwpS. R East West |
| Recompletion Date Recompletion Date | County: Docket No.: |
| | |
| Kansas 67202, within 120 days of the spud date, recompletion, worko Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline log TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well | ith the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, over or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If 12 months if requested in writing and submitted with the form (see rule 82-3-105 and geologist well report shall be attached with this form. ALL CEMENTING Is. Submit CP-111 form with all temporarily abandoned wells. |
| Training are complete and correct to the best of my knowledge. | |
| Signature: / y / Joseph | KCC Office Use ONLY |
| Title: Head of Operations Date: 4/8/06 | Letter of Confidentiality Received |
| Subscribed and sworn to before me this 8th day of April | What was a pro- |
| | Wireline Log Received FECEIVED Geologist Report REANSAS CORPORATION COMMISSION APR 1 1 2006 |
| 20 <u>Olo</u> . | ACTA INVITATION |
| Notary Public: Junifer K. Ammara | Ole Distribution |
| Date Commission Expires: | JENNIFERR AMMANN CONSERVATION DIVISION |
| Date Commission Expires. | JENNIFERR AMMANN CONSERVATION, KS |
| | Notary Public - State of Kansas |

My Appt. Expires July 30, 3009

| perator Name: Que | st Cherokee, LL | C | Lease Name:_ | eck, Doris | | Well #: | |
|--|--|--|--|-------------------|-------------------------|------------------------|---|
| | S. R. 18 | | County: Neosl | 10 | | | |
| sted, time tool open mperature, fluid rec | and closed, flowing overy, and flow rate | and base of formations p g and shut-in pressures, s if gas to surface test, inal geological well site | whether shut-in pre along with final char | ssure reached | d static level, hydr | ostatic pressure | es, bottom hole |
| rill Stem Tests Taker | | ☐ Yes 📝 No | ✓ L | og Forma | tion (Top), Depth | and Datum | Sample |
| amples Sent to Geo | ological Survey | Yes ✓ No | Nam See | e attached | | Тор | Datum |
| ores Taken | | Yes V No | | | | | |
| lectric Log Run (Submit Copy) | | ✓ Yes No | | | | | |
| ist All E. Logs Run: | | | | | | | |
| Comp. Density Dual Induction Gamma Ray/N | Log | | | | | | |
| | | | RECORD No | Lancon Control | uotion oto | | |
| 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# | 21' | "A" | 6 | |
| Production | 6-3/4" | 4-1/2" | 10.5# | 1058' | "A" | 138 | |
| | | ADDITIONA | L CEMENTING / SQ | UEEZE RECO | RD | | |
| Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone | Depth Top Bottom | Type of Cement | #Sacks Used | | | Percent Additives | : |
| Shots Per Foot | | TION RECORD - Bridge Pliner Footage of Each Interval P | | | racture, Shot, Ceme | | rd · Depth |
| 4 | 587-590/605-609/667-669/ | 689-691/728.5-730.5/809.5-810.5/ | 950-952/985-986/1000-1003 | 421 bbls water, 1 | 0# gel, 2% KCL, max flo | w & blocide, 115 sxs 2 | 20/40 sand 605-609/587- |
| | | | | 472 bbls water, | 10# gel, 2% KCL, max fl | o & biocide, 100 sxs 2 | 20/40 sand 810-811/728- |
| | | | | | | | 689-691/667- |
| | | | | Acid ball o | off, 400 gals ac | id w/ 40 ball s | sealers 1000-1003/985 |
| | | | | | | | 950-952 |
| TUBING RECORD 2- | Size 3/8" | Set At 830.42' | Packer At n/a | Liner Run | Yes V | lo . | |
| Date of First, Resumer 5/26/05 | rd Production, SWD or | Enhr. Producing M | ethod Flowir | ng 🖌 Pum | nping Gas | Lift | er (Explain) |
| Estimated Production Per 24 Hours | oii n/a | Bbls. Gas 75 mcf | Mcf Wat | | Bbls. | Gas-Oil Ratio | er (Explain) CENTED Gravity PORATION COMMI PR 1 1 2006 NSEFVATION DIVIS |
| Disposition of Gas | METHOD OF | COMPLETION | | Production In | terval | Per CO | PORATIUN JAMB |
| Vented ✓ Sold | Used on Lease | Open Hole | - | Dually Comp. | Commingled | KANSAS | APR 1 1 LOUR |
| , Jamos, Ot | | Other (Spe | эспу) | | | c0' | NSEFWATION DIVIS |

∠11 W. 14TH STREET, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

AUTHORIZTION

| Tr gET NUMBER | 1615 |
|------------------|---------|
| LOCATION Chanute | |
| FOREMAN Todd A- | Timella |

DATE_

TREATMENT REPORT & FIELD TICKET CEMENT

| DATE | CUSTOMER# | WEL | L NAME & NUME | BER | SECTION | TOWNSHIP | RANGE | COUNTY |
|---------------|------------|-------------|---------------|--------------|-----------|-----------------|--------------------|------------|
| 9-11-04 | 6628 | Leck # | # 29-1 | | 29 | 305 | 18€ | No |
| CUSTOMER | | | i. ji | | | - | | |
| Quest C | herokee U | C | _ * * |] [| TRUCK# | DRIVER | TRUCK # | DRIVER |
| WAILING ADDRE | SS | | | | 197 | JOC | | |
| P.O. Box | 100 | | | | 206 | Damiel Ch | 15 | |
| CITY - | | STATE | ZIP CODE | | 286 | Travis | ٠. | . • |
| Benedict | | Kansas | 66714 | | 140 | Tim | | |
| JOB TYPE LOX | ng-string | HOLE SIZE | 63/4 | HOLE DEPTH | 1062" | CASING SIZE & W | EIGHT 4//2 | -10.50 |
| CASING DEPTH | 10584 | DRILL PIPE | | TUBING | | | OTHER | |
| SLURRY WEIGH | | SLURRY VOL_ | | WATER gal/sk | <u></u> | CEMENT LEFT in | CASING | |
| DISPLACEMENT | 16.8 | DISPLACEMEN | IT PSI 500 | MIX PSI | 50 | RATE | | |
| REMARKS: | reulate us | fresh H | 20: 2 od | ahead: | run bbl a | dye w/15qu | ol sodium | m silicoti |
| Lement | until dv. | e return. | flush o | umo Do | umo n/u | a wil vel | water. | Set flog |
| | sh 3 point | s of casin | 9: Circu | late 2 ge | d ahead | | | |
| | <u> </u> | | | | | RECE | | |
| | | | | . 1 | | KANSAS CORPORA | TION COMMISSIC | W ₹ |
| | | | | C 75. | | APR 1 | 1 2006 | |
| | | | | Ē2 | | | | |
| 4 | | | | | | CONSERVATION | | 3 |
| (owc: 5" | allsonite: | 14# 110- | seal) | | | 194 | 77, 113 | 22 |

| ACCOUNT CODE | QUANITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|-----------------|-----------------------|------------------------------------|------------|-----------|
| 5401 | 1- Well | PUMP CHARGE Cement pump | | 639 50 |
| 5407 | 19 mi | MILEAGE MINIMUM | | 22500 |
| 1110 | 14. SK | ailsonite | | 1 a 84 99 |
| 1107 | 1/25K | flo-seal | | 6000 |
| 1118 | 25K | Premium ael (ahead) | _ x=" | 24.80 |
| 12154 | · laal | KCL | 2. | 2310 |
| 11118 | 15 nal | sodium silicate | | 15750 |
| 1123 | . 3788 _{gal} | citywater (90 bbl) | | 43,47 |
| 5501C | : 3 hr | Transport | | 25200 |
| 5502C | 3. hr | 80 Vac | | 23400 |
| 1126 | 131 SK | OWC CAMENT (138 SX total | b | 1552.35 |
| | | | | |
| | | · | | |
| | | · | | |
| | | | | |
| | | | | |
| | | , | | |
| | | 3 | | |
| | | | SALES TAX | 133.75 |
| | * | | ESTIMATED | 21 20 37 |

L S Well Service, LLC #33374 543-A 22000 Rd. Cherryvale, KS 67335 620-328-4433

DRILLER LOG

SEP 1 4 2004

Doris Leck #29-1 S29, T30, R18E **Neosho County** API#15-133-26137-0000

QUEST CHEROKEE. LL

| 0-5 | DIRT | 9-2-04 Drilled 11" hole and |
|---------|-------------------|--|
| 5-10' | SAND STONE | Set 21' of 8 5/8" Surface pipe |
| 10-21' | SHALE | Set with 6 sacks of Portland Cement |
| 21-35 | LIME | |
| 35-100 | SHALE | 9-3-04 Started drilling 6 3/4" hole |
| 100-120 | SANDY GREEN SHALE | • |
| 120-130 | GREEN SHALE | 9-3-04 Finished drilling to T.D. 1062' |
| 130-170 | LIME | • |
| 170-190 | GREEN SHALE | WATER AT 185' |
| 190-200 | LIME | |
| 200-230 | GREEN SHALE | 410' 1" ON 1/2" ORIFICE |

230-241 LIME 485' 1" ON 1/2" ORIFICE 241-255 **GREEN SHALE** 536' 7" ON 1/2" ORIFICE 255-256 586' 10" ON 1/2" ORIFICE **BLACK SHALE** 256-297 **GREEN SHALE** 611' 15" ON 1/2" ORIFICE 297-310 LIME 686' 8" ON 1/2" ORIFICE 310-320 SHALE 761' 22" ON 1/2" ORIFICE 320-325 LIME 811' 11" ON 1/2" ORIFICE 325-330 SHALE 962' 12" ON 1/2" ORIFICE 330-338 SANDY SHALE 987' 35" ON 3/4" ORIFICE 338-360 LIME 1005' 50" ON 3/4" ORIFICE

360-370 **GREEN SHALE** 1037' 120" ON 3/4" ORIFICE 370-387 **GREEN SANDY SHALE** 183 MCF 1062' 50" ON 1" ORIFICE 387-390 **GREEN SHALE**

400-416 **GREEN SHALE** APR 1 1 2006 416-440 **GREEN SANDY SHALE** 440-476 **GREEN SHALE**

476-480 **BLACK SHALE**

GREEN SAND

390-400

480-481 COAL 481-508 LIME PINK 508-512 **GREEN SHALE** 512-516 **BLACK SHALE** 516-517 COAL 517-542 SHALE

542-551 SANDY SHALE 551-554 **GREEN SHALE** 554-583 LIME OSWEGO 583-585 **GREEN SHALE** 585-591 **BLACK SHALE** 591-602 LIME 602-604

GREEN SHALE 604-608 **BLACK SHALE** 608-611 LIME

611-658 SHALE 658-666 **BLACK SHALE** 666-667 COAL

RECEIVED KANSAS CORPORATION COMMISSION

> CONSERVATION DIVISION WICHITA, KS

L S Well Service, LLC #33374 543-A 22000 Rd. Cherryvale, KS 67335 620-328-4433

DRILLER LOG QUEST CHEROKEE, LLC

Doris Leck #29-1 S29, T30, R18E Neosho County API#15-133-26137-0000

| 667-680 | SHALE | |
|--------------------------------|------------------------|-------------------------------|
| 680-684 | LIME | |
| 684-687 | BLACK SHALE | |
| 687-695 | GREEN SHALE | |
| 695-715 | LIME / SHALE | |
| 715-720 | SHALE | |
| 710-720 | LIME | |
| 720-727 727-740 | SHALE | |
| 740-746 | LIME | |
| 740-740 746-750 | GREEN SHALE | |
| 750-754 | GREEN SAND | |
| 750-75 4 754-761 | SANDY SHALE | |
| 761-804 | SHALE | |
| 804-806 | BLACK SHALE | |
| 806-807 | COAL | |
| 807-823 | SANDY SHALE | |
| 823-845 | GREEN SHALE | |
| 845-850 | BLACK SHALE | RECEIVED |
| 850-869 | SHALE | KANSAS CORPORATION COMMISSION |
| 869-879 | SANDY GREEN SHALE | APR 1 1 2006 |
| 879-937 | GREEN SHALE | |
| 937-943 | BLACK SHALE | CONSERVATION DIVISION |
| 943-945 | COAL | WICHITA, KS |
| 945-975 | SHALE | |
| 975-982 | BLACK SHALE | |
| 982-983 | COAL | |
| 983-990 | SHALE | |
| 990-997 | BLACK SHALE | |
| 997-998 | COAL | |
| 998-1007 | GREEN SHALE | |
| 1007-1014 | MISSISSIPPI | |
| 1014-1022 | MISSISSIPPI FLINT ODOR | |
| 1022-1027 | FLINT W/BROWN LIME | GAS & OIL BLEED |
| 1027-1037 | BROWN LIME LESS ODOR | |
| 1037-1062 | BROWN LIME | |

T.D. 1062'