CONFIDENTIAL

KANSAS CORPORATION COMMISSION OR/G/MA Form ACO-1
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
L HISTORY - DESCRIPTION OF WELL & LEAST

WELL HISTORY - DESCRIPTION OF WELL & LEASE

| Operator: License # 33539 | API No. 15 - 205-27230-00-00 |
|---|--|
| Iame: Cherokee Wells, LLC | County: Wilson |
| • | SE SE NE Sec. 12 Twp. 30 S. R. 13 V East West |
| Address: P.O. Box 296 City/State/Zip: Fredonia, KS 66736 Purchaser: Southeastern Kansas Pipeline | 2290 feet from S (circle one) Line of Section |
| Purchaser: Southeastern Kansas Pipeline | 330 teet from (5) W (circle one) Line of Section |
| Purchaser: Southeastern Kansas Pipeline Operator Contact Person: Tracy Miller Phone: (620) 378-3650 | Footages Calculated from Nearest Outside Section Corner: |
| Phone: (620) 378-3650 | (circle one) NE SE NW SW |
| Contractor: Name: Well Refined Drilling | Lease Name: Well #: A-1 |
| icense: 33072 | Field Name: Cherokee Basin Coal Gas Area |
| Vellsite Geologist: N/A | Producing Formation: N/A |
| Designate Type of Completion: | 959.4' Kelly Bushing: N/A |
| ✓ New Well Re-Entry Workover | Total Depth: 1505' Plug Back Total Depth: N/A |
| OilSWD SIOW Temp. Abd. | Amount of Surface Pipe Set and Cemented at 42' 8" Feet |
| ✓ GasENHRSIGW | Multiple Stage Cementing Collar Used? Yes VNo |
| Dry Other (Core, WSW, Expl., Cathodic, etc) | If yes, show depth set |
| f Workover/Re-entry: Old Well Info as follows: | If Alternate II completion, cement circulated from bottom casing |
| | feet depth to surface w/ 160 sx cmt. |
| Operator: | |
| Original Comp. Date: Original Total Depth: | Drilling Fluid Management Plan AHT IN 1316-09 |
| - | (Data must be collected from the Reserve Pit) |
| Deepening | 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.: |
| 7/10/07 7/13/07 N/A | Quarter Sec. Twp. S. R. East Wes |
| Spud Date or Date Reached TD Completion Date or Recompletion Date | County: Docket No.: |
| Kansas 67202, within 120 days of the spud date, recompletion, workon 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. | h the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells. |
| nerein are complete and correct to the best of my knowledge. | |
| Signature: TMHU SUBCYGM | KCC Office Use ONLY |
| Fitte: Administrative Assistant Date: 10/2/07 | Letter of Confidentiality Received |
|) Antolor | If Denied, Yes Date: |
| Subscribed and sworn to before me this day of (JUN) OVX | Wireline Log Received |
| 2000 | Geologist Report Received |
| Notary Public: MCG/MULL TRACY MIL Notary Public - State | KANSAS CORPORATION CONTIN |
| Date Commission Expires: My Appt. Expires 2/1/2 | OCT 0 4 2007 |

, .

| Operator Name: Cherokee Wells, LLC | | | | | e Name:_ | arwell | | Well #: A-1 | | | |
|--|---|---------------------------------|-----------------------------------|------------------------|-------------------|--|---------------------------------------|---|---|--|--|
| | 30 S. R. 13 | ✓ East | West | Coun | ty: Wilson | l | | | | | |
| ested, time tool ope emperature, fluid re | how important tops and closed, flowin covery, and flow rate is surveyed. Attach | g and shut-ir s if gas to su | n pressures, v urface test, al | whether s long with | shut-in pre | ssure read | ched static level, | hydrostatic pressure | sts giving interval es, bottom hole d. Attach copy of all | | |
| Orill Stem Tests Take | | [_] Yes | √ No | | [✓] L | ✓ Log Formation (Top), Depth and Datum | | | Sample | | |
| Samples Sent to Ge | | Yes | V No | | Nam Drille | e r's Log En | closed | Тор | Datum | | |
| Cores Taken Yes No Electric Log Run (Submit Copy) | | | | | | J | | | 1571 AT | | |
| list All E. Logs Run: | | | | | | | | ÇON | FIDENTIAL TO 2 2007 | | |
| High Resolution Dual Induction | on Compensat n Log | ed Densit | y/Neutror | n Log | | | | Ol | KCC 'I I E Ess. | | |
| | | Report a | CASING all strings set-c | | V | | | | | | |
| Purpose of String | Size Hole Drilled | | Casing in O.D.) | | eight s. / Ft. | Settin Depti | | | Type and Percent Additives | | |
| Surface | 12.25" | 8.625" | | 26# | | 42' 8" | Portland | 12 | | | |
| Longstring | 6.75" | 4.5" | | 10.5# | | 1495' | Thickset | 160 | | | |
| pp (18 4) (11 4) (12 4) (13 4) (13 4) (13 4) (13 4) (13 4) | | | ADDITIONAL | CEMENT | ring / soi | JEEZE BE | CORD | | | | |
| Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone | Depth Top Bottom | T | f Cement | 1 | ks Used | | · · · · · · · · · · · · · · · · · · · | e and Percent Additives | | | |
| Shots Per Foot | | | - Bridge Plug | | e | Ac | | Cement Squeeze Record of Material Used) | rd Depth | | |
| N/A | N/A | | | | | N/A | | | N/A | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| TUBING RECORD | Size | Set At | | Packer | ·At | Liner Ru | n Yes | ☐ No | | | |
| Date of First, Resume | rd Production, SWD or | Enhr. | Producing Met | hod | Flowin | g [] | Pumping [| Gas Lift Oth | er (Explain) | | |
| Estimated Production Per 24 Hours | Oll | Bbls. | Gas | Mcf | Wat | er | Bbis. | Gas-Oil Ratio | Gravity | | |
| Disposition of Gas | METHOD OF | COMPLETION | | | | Productio | on Interval | | RECEIVED | | |
| Vented Sold | Used on Lease dubmit ACO-18.) | [| Open Hole Other (Speci | [] Po | erf. 🔲 I | Dually Comp | p. Commir | ngled KANSAS C | ORPORATION COMMIS | | |

CONSERVATION DIVISION WICHITA KS

Well Refined Drilling Co., Inc.

4230 Douglas Road Thayer, KS 66776

Contractor License # 33072

620-839-5581/ Office; 620-432-6170/Jeff Kephart Cell; 620-839-5582/FAX

| Rig#: | 2 | | Lic: 335 | 39 | NERL | S 12 | T 30 | R 13E | |
|--|--|--|---|--|---|--|--|---|--------------|
| | 15-205-2 | 27230-0000 | | | M Din 4 3 C | Location: | | SE, SE, NE | 1 |
| | | okee Wells, LLC | | | 2 " TA | County: | | Wilson | 1 |
| 1 | | Camp Bowie Su | ite 204 | | TON | | | | • |
| | | Worth, TX 76107 | | | | Gas Tes | sts | |] |
| Well#: | | Lease Name: | Farwell | | Depth | Inches | Orfice | flow - MCF | 1 |
| Location: | | ft. from N | Line | | see page 3 | | | | |
| | 330 | ft. from E | Line | | | | | |] |
| Spud Date | : | 7/10/2007 | | | | | | | 1 |
| Date Comp | pleted: | 7/13/2007 | TD: | 1505 | | | | | |
| Oriller: | Josiah K | (ephart | | | · | .] | | (පති | UFIDENTIA |
| Casing R | ecord | Surface | Product | | · · · · · · · · · · · · · · · · · · · | | | | |
| Hole Siz | | 12 1/4" | | 6 3/4" | | | | (0) | CT 0 2 2007 |
| Casing S | Size | 8 5/8" | | | | | | <u></u> | 1 |
| Weight | | 26# | | | | | | | KÇC |
| Setting [| | 42' 8" | | | | | | | 4 |
| Cement | Туре | Portland | <u> </u> | | | | | * · · · · · · · · · · · · · · · · · · · | 4 |
| Sacks | | 12 | <u></u> | | | | | | ļ |
| Feet of C | Casing | 42' 8" | <u> </u> | | <u> </u> | | | | 1 |
| | | | | | | | | - | 4 |
| Note: | Used B | ooster. | | | · · · · · · · · · · · · · · · · · · · | | | | 4 . |
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| | | | | Well L | | | 5 | | 1 |
| Тор | Bottom | | Тор | Bottom | Formation | Тор | Bottom | Formation | |
| 0 | 1 | ОВ | 529 | Bottom 542 | Formation lime | 1060 | 1061 | shale | 1 |
| 0 | 1 8 | OB clay | 529 542 | Bottom 542 562 | Formation lime shale | | 1061 | shale Lexington- | |
| 0 1 8 | 1 8 9 | OB clay lime | 529 542 562 | 542 562 684 | Formation lime shale lime | 1060 1061 | 1061 1063 | shale Lexington- blk shale | |
| 0 1 8 9 | 1 8 9 | OB clay lime shale | 529 542 562 684 | 542 562 684 704 | Formation lime shale lime shale | 1060 1061 1063 | 1061 1063 1082 | shale Lexington- blk shale shale | |
| 0 1 8 9 23 | 1 8 9 301 | OB clay lime shale Wet | 529 542 562 684 704 | 542 562 684 704 831 | Formation lime shale lime shale lime | 1060 1061 1063 1082 | 1061 1063 1082 1107 | shale Lexington- blk shale shale Oswego- lime | |
| 0 1 8 9 23 301 | 1 8 9 301 303 | OB clay lime shale Wet blk shale | 529 542 562 684 704 831 | 542 562 684 704 831 842 | Formation lime shale lime shale lime shale | 1060 1061 1063 1082 1107 | 1061 1063 1082 1107 1108 | shale Lexington- blk shale shale Oswego- lime shale | |
| 0 1 8 9 23 301 303 | 1 8 9 301 303 308 | OB clay lime shale Wet blk shale shale | 529 542 562 684 704 831 842 | 542 562 684 704 831 842 843 | Formation lime shale lime shale lime shale coal | 1060 1061 1063 1082 1107 1108 | 1061 1063 1082 1107 1108 1110 | shale Lexington- blk shale shale Oswego- lime shale Summit- blk shale | |
| 0 1 8 9 23 301 303 308 | 1 8 9 301 303 308 315 | OB clay lime shale Wet blk shale shale lime | 529 542 562 684 704 831 842 843 | 542 562 684 704 831 842 843 865 | Formation lime shale lime shale lime shale coal shale | 1060 1061 1063 1082 1107 1108 1110 | 1061 1063 1082 1107 1108 1110 1114 | shale Lexington- blk shale shale Oswego- lime shale Summit- blk shale shale | |
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| 0 1 8 9 23 301 303 308 315 336 359 476 479 | 1 8 9 301 303 308 315 336 359 476 479 | OB clay lime shale Wet blk shale shale lime shale lime shale shale shale shale shale | 529 542 562 684 704 831 842 843 865 985 981 | 842 843 865 965 981 1021 | Formation lime shale lime shale lime shale coal shale lime shale lime shale shale shale | 1060 1061 1063 1082 1107 1108 1110 1114 1123 1124 1126 1127 | 1061 1063 1082 1107 1108 1110 1114 1123 1124 1126 1127 1129 | shale Lexington- blk shale shale Oswego- lime shale Summit- blk shale shale lime shale blk shale Mulky- coal | |
| 0 1 8 9 23 301 303 308 315 336 359 476 479 | 1 8 9 301 308 315 336 359 476 479 495 512 | OB clay lime shale Wet blk shale shale lime shale lime shale shale shale | 529 542 562 684 704 831 842 843 865 885 965 | Bottom 542 562 684 704 831 842 843 865 885 965 981 1021 1022 1024 | Formation lime shale lime shale lime shale coal shale lime shale lime shale shale shale | 1060 1061 1063 1082 1107 1108 1110 1114 1123 1124 1126 | 1061 1063 1082 1107 1108 1110 1114 1123 1124 1126 1127 1129 1174 | shale Lexington- blk shale shale Oswego- lime shale Summit- blk shale shale lime shale blk shale Mulky- coal lime shale | ECEIVED |

| Top | | Wells LLC | Lease Na | | Farwell | Well# | A-1 | page 2 | |
|---|------|--------------|----------|--------|-----------|-------|--------|-----------|---|
| 1190 | | Formation | Top | Bottom | Formation | Тор | Bottom | Formation | |
| 1200 1201 Fleming- coal | | | | | | | | | |
| 1201 1276 shale | | sandy/ shale | | | | | | | |
| 1276 | 1200 | | | | | | | | |
| 1294 | | | | | | | | | |
| 1317 1318 coal | | | | | | | | | |
| 1318 1387 shale | | | | | | | | | |
| 1355 | | | | | | | | | |
| 1380 Bottom | | shale | | | | | | | |
| 1387 1388 Rowe-coal | | Red Bed | | | | | | | |
| 1388 1429 shale | | | | | | | | | |
| 1429 | | | | | | | | | |
| 1430 1435 shale 1435 1479 chat 1479 1505 lime 1505 Total Depth CONFIDENTIAL OCT 0 2 2007 | | | | | | | | | |
| 1435 1479 chat 1479 1505 lime 1505 Total Depth CONFIDENTIAL OCT 0 2 2007 | | | | | | | | | |
| 1479 1505 lime 1505 Total Depth CONFIDENTIAL OCT 0 2 2007 | | | | | | | | | |
| 1505 Total Depth | | | | | | | | | |
| ONFIDENTIAL OCT 0 2 2007 | | lime | | | | | | | |
| OCT 0 2 2007 | 1505 | Total Depth | | | | | | | |
| OCT 0 2 2007 | | | | | | | | | |
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Notes: 07LG-071307-R2-037-Farwell A-1 - CWLLC

CW-087

RECEIVED KANSAS CORPORATION COMMISSION

OCT 0 4 2007

| page 3 | A-1 | Well# | arwell | me: F | Lease Na | /ells LLC | perator: Cherokee W |
|----------------|-----|-------|------------|----------|----------|--------------|---------------------|
| | | | | Tests | Gas | | |
| | | | flow - MCF | Orfice | Inches | Depth | |
| | | | | No Flow | | 305 | |
| | | | | No Flow | | 505 | |
| | | 7 | | No Flow | | 530 | |
| | • |] | | No Flow | | 805 | |
| | | | | Trace | | 855 | |
| War. | | | | Trace | | 1080 | |
| COMENDEMINA | | | | Trace | | 1130 | |
| a MENDIE " and | | | | Trace | | 1180 | |
| COM. " I I | | | | Trace | | 1280 | |
| 13/2 B | | | 6.18 | 3/8" | 3 | 1305 | |
| N2 G | |] | 9.45 | 3/8" | 7 | 1330 | L |
| Ba | | | 5.05 | 3/8" | 2 | 1405 | |
| | | | ne | Check Sa | Gas | 1430 | |
| | | | 10.7 | 3/8" | 9 | 1455 | |
| | | | 6.18 | 3/8" | 3 | 1480 | |
| | | | ne | Check Sa | Gas | 1505 | |
| | | | | | | | |
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RECEIVED KANSAS CORPORATION COMMISSION

CONSOLIDATED OIL WELL SERVICES, LLC P.O. BOX 884, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

GONFIDENTIAL OCT 0 2 2007 TICKET NUMBER 12121
LOCATION STATES
FOREMAN Rece Laboration

TREATMENT REPORT & FIELD TICKET CEMENT

| | T | 1 WEI | L NAME & NUMI | BER | SECTION | TOWNSHIP | RANGE | COUNTY |
|---------------|------------------|------------|---------------|-------------|-----------------|-----------------|------------|----------|
| DATE | CUSTOMER# | | | | | | | معلنال |
| 7-17-07 | 3190 | Barness | A-1 | | Marie Carlo | <u> </u> | 1 | |
| CUSTOMER | MASTIC (| | bearing | | TRUCK# | DRIVER | TRUCK# | DRIVER |
| MAILING ADDRE | <u>voestic</u> c | negy n | 2/24.3 | 1 | 463 | Kyle | | <u> </u> |
| | | Raise Ses | 200 ما | | 515 | Jacord | | |
| CITY | 6 Carp | STATE | ZIP CODE | | 452/763 | In | ļ | |
| Ther | Woen | TX_ | 76107 | _} | L | | 4444 | 12.50 |
| IOR TYPE | nestrone | HOLE SIZE | 634" | HOLE DEPT | H | CASING SIZE & V | VEIGHT Y X | |
| | 1 | | | THENC | | | UIREK | |
| | 12 4 - | CLUBBY VOL | 47.65 | WATER gal/ | sk_ 3. 6 | CEMENT LEFT in | CASING | |
| SLURKT WEIGI | . 22 34. 413 | DISPLACEME | NT PSI 740 | PSI A | 200 | RATE | | |
| DISPLACEMEN | 1 23 24 DD | DISPLACEME | | 444 4 | Re | مالم ماري م | a 41.1 | 4 |
| REMARKS: | milety mee | thog- Ki |) 40 Ea | 47 6 | NOS. DAY | x creulation | 14 | 441 |
| | | | | | | | | (2) |
| | | | | | | | | |
| | | achade a | | /10e3 | SOUL GOLL | | | |
| 102 | 7/ | | سحرست مملي | 1/ 4 | AMESLINE. | | | |
| | 74 001 | | | 200 | serve floort | held. Gas | cement | |
| 1200 | 132 LA | + 2 ~ | 103. | | | Til | 1. 1. | |
| netwos | to su | Mace = | 8 ANI | slury t | o pit. | Job complete | | |
| | | | "The | K Ya" | | | | |
| | | | | | | | | |

| ACCOUNT | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|---------|-------------------|--|-----------------|----------|
| CODE | | PUMP CHARGE | 840.00 | - TWA-00 |
| 5401 | | | 5.30 | 132.00 |
| 5406 | 40 | MILEAGE | | |
| 1194.4 | 1100 383 | thickset cement | 15.40 | 200 se |
| 11100 | 800* | Kal-seel 5- Maps | . 3.7 | 300:00 |
| | | | . 15. | 45.00 |
| 11184 | 300* | ا در ۱۹۰۱ م | | |
| 5407 | 8.3 | ten-milego bulk trk | n/s | 286.00 |
| 55016 | 3 hrs | water transport | 100 | 64.00 |
| 1/23 | 3000 gals | city water | 12.20 | 67.00 |
| 4404 | , | 42" to obby plus | 40.00 | 40.00 |
| 4/29 | , | 4h correlace | 34.00 | 34.40 |
| 4156 | / | 4%" Flyer value Flood Shar RECEIVED KANSAS CORPORATION COMMISS | 201.50 | 201.00 |
| | | OCT 9 4 2007 | | 474 40 |
| | | CONSERVATION DIVISION WICHITA, KS | SALES TAX | 114 |
| | | 21410 WICHTIA, NO | ESTIMATED TOTAL | 4917.14 |

AUTHORIZATION WHOSEN by Tyler

TITLE Co. Ly.

DATE