

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

1/21/11

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33539
Name: Cherokee Wells, LLC
Address 1: P.O. Box 296
Address 2: _____
City: Fredonia State: KS Zip: 66736 + _____
Contact Person: Emily Lybarger
Phone: (620) 378-3650
CONTRACTOR: License # 33072
Name: Well Refined Drilling
Wellsite Geologist: N/A
Purchaser: Southeastern Kansas Pipeline
Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover _____
_____ Oil _____ SWD _____ SLOW
 Gas _____ ENHR _____ SIGW
_____ CM (Coal Bed Methane) _____ Temp. Abd.
_____ 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. _____ Conv. to SWD
_____ Plug Back: _____ Plug Back Total Depth
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
12/24/08 12/30/08
Spud Date or _____ Date Reached TD _____ Completion Date or
Recompletion Date _____ Recompletion Date _____

API No. 15 - 205-27719-0000
Spot Description: _____
SE - SE - - Sec. 30 Twp. 28 S. R. 14 East West
660 Feet from North / South Line of Section
660 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Wilson
Lease Name: Ladow & Spohn Well #: A-2
Field Name: Cherokee Basin Coal Gas Area
Producing Formation: Unknown
Elevation: Ground: 972' Kelly Bushing: N/A
Total Depth: 1380' Plug Back Total Depth: N/A
Amount of Surface Pipe Set and Cemented at: 42' 9" Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: surface 1370
feet depth to: bottom casing @ w/ 150

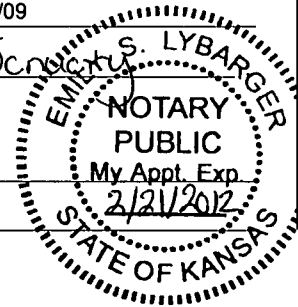
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____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

AH2-Dlg - 4/16/09 ^{5x cmf}

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: Shannon Stude
Title: Administrative Assistant Date: 1/21/09
Subscribed and sworn to before me this 21 day of January
09
Notary Public: Emily Lybarger
Date Commission Expires: 2/21/2012



KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Operator Name: Cherokee Wells, LLC Lease Name: Ladow & Spohn Well #: A-2
 Sec. 30 Twp. 28 S. R. 14 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 <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: High Resolution Compensated Density/Neutron Log, Dual Induction Log | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Drillers Log - Enclosed |
|--|---|

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| CASING RECORD <input checked="" 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" | 24# | 42' 9" | Portland | 9 | |
| Longstring | 6 3/4" | 4 1/2" | 10.5# | 1370' | Thickset | 150 | |
| | | | | | | | |

| 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 Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| N/A | N/A | N/A | N/A |
| | | | |
| | | | |
| | | | |

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| | | |
|---|--|---|
| TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ | | Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Date of First, Resumed Production, SWD or Enhr. _____ | Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____ | |
| Estimated Production Per 24 Hours | Oil Bbbs. _____ Gas Mcf _____ Water Bbbs. _____ | Gas-Oil Ratio _____ Gravity _____ |

| | | |
|---|--|--|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: _____ _____ |
|---|--|--|

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: 33539 |
| API #: | 15-205-27719-0000 | |
| Operator: | Cherokee Wells, LLC | |
| | 4916 Camp Bowie Suite 204 | |
| | Fort Worth, TX 76107 | |

| | | |
|-----------|------|--------|
| S30 | T28S | R14E |
| Location: | | SE,SE |
| County: | | Wilson |

| | | | | Gas Tests | | | |
|-----------------|-------------|-------------|---------------|-----------|----------------|---------|------------|
| Well #: | A-2 | Lease Name: | Ladow & Spohn | Depth | Inches | Orifice | flow - MCF |
| Location: | 660 | FSL | Line | 505 | | No Flow | |
| | 660 | FEL | Line | 655 | | No Flow | |
| Spud Date: | 12/24/2008 | | | 730 | | Trace | |
| Date Completed: | 12/30/2008 | | TD: 1380 | 855 | 20 | 1/4" | 7.51 |
| Driller: | Shaun Beach | | | 955 | 20 | 3/8" | 15.9 |
| Casing Record | Surface | Production | | 980 | Gas Check Same | | |
| Hole Size | 12 1/4" | 6 3/4" | | 1030 | Gas Check Same | | |
| Casing Size | 8 5/8" | | | 1055 | 10 | 1 1/4" | 138 |
| Weight | 24 | | | 1180 | Gas Check Same | | |
| Setting Depth | 42' 9" | | | 1205 | | No Flow | |
| Cement Type | Portland | | | 1330 | | No Flow | |
| Sacks | 9 | | | | | | |
| Sacks | | | | | | | |
| Note: | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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08LL-123008-R2-108-Ladow & Spohn A-2-CWLLC-CW-223

Well Log

| Top | Bottom | Formation | Top | Bottom | Formation | Top | Bottom | Formation |
|-----|--------|------------|-----|--------|-------------|-----|--------|-------------|
| 0 | 2 | overburdne | 484 | 485 | coal | 690 | 695 | shale |
| 2 | 17 | clay | 485 | 490 | shale | 695 | 707 | lime |
| 17 | 83 | sand | 490 | 503 | lime | 698 | | oil odor |
| 83 | 234 | shale | 503 | 531 | shale | 707 | 710 | blk shale |
| 234 | 236 | lime | 531 | 633 | lime | 710 | 755 | lime |
| 236 | 245 | shale | 633 | 636 | blk shale | 755 | 792 | shale |
| 245 | 260 | lime | 636 | 637 | shale | 792 | 798 | sandy shale |
| 260 | 265 | shale | 637 | 640 | lime | 798 | 810 | shale |
| 265 | 266 | lime | 640 | 645 | shale | 810 | 825 | lime |
| 266 | 364 | shale | 645 | 660 | sand | 825 | 827 | sandy shale |
| 364 | 375 | lime | 660 | 666 | sandy shale | 827 | 838 | shale |
| 375 | 395 | shale | 666 | 668 | sand | 838 | 851 | lime |
| 395 | 443 | lime | 668 | 670 | sandy shale | 851 | 853 | blk shale |
| 443 | 458 | shale | 670 | 672 | sand | 853 | 854 | shale |
| 458 | 484 | sand | 672 | 675 | shale | 854 | 871 | sandy shale |
| 480 | | add water | 675 | 690 | lime | 871 | 890 | shale |

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