

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1 September 1999 Form Must Be Typed

10/21/10

| | 10/21/10 |
|--|--|
| Operator: License # 33074 | API No. 15 - 125-31637-00-00 |
| Name: Dart Cherokee Basin Operating Co., LLC | County: Montgomery |
| Address: P O Box 177 | SWSENE_Sec19_Twp33_S. R14_ |
| City/State/Zip: Mason MI 48854-0177 | 3200' FSL feet from S / N (circle one) Line of Section |
| Purchaser: Oneok | 980' FEL feet from E / W (circle one) Line of Section |
| Operator Contact Person: Beth Oswald | Footages Calculated from Nearest Outside Section Corner: |
| Phone: (517) 244-8716 | (circle one) NE (SE) NW SW |
| Contractor: Name: McPherson | Lease Name: C Kerstetter Well #: B4-19 |
| License: 5675 | Field Name: Cherokee Basin Coal Gas Area |
| Wellsite Geologist: Bill Barks | Producing Formation: Penn Coals |
| Designate Type of Completion: | Elevation: Ground: 835' Kelly Bushing: |
| New Well Re-Entry Workover | Total Depth: 1583' Plug Back Total Depth: 1573' |
| Oil SWD SIOWTemp. Abd. | Amount of Surface Pipe Set and Cemented at 43 Feet |
| ✓ Gas ENHR SIGW | Multiple Stage Cementing Collar Used? ☐Yes ✓ No |
| 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 |
| Operator: | feet depth to sx cmt. |
| Well Name: | |
| Original Comp. Date: Original Total Depth: | Drilling Fluid Management Plan ALT WJ/309 (Data must be collected from the Reserve Pit) |
| Deepening Re-perf Conv. to Enhr./SWD | 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 | · |
| Other (SWD or Enhr.?) Docket No | Operator Name: |
| 7-8-08 7-9-08 7-30-08 | Lease Name: License No.: |
| Spud Date or Date Reached TD Completion Date or | Quarter Sec Twp. S. 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 | th 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 82-3-12) and geologist well report shall be attached with this form. ALL CEMENTING Is. Submit CP-111 form with all temporarily abandoned wells. |
| All requirements of the statutes, rules and regulations promulgated to requ | ulate the oil and gas industry have been fully complied with and the statements |
| herein are complete and correct to the best of my knowledge. | The same and the s |
| | I I |

 Letter of Confidentiality Attached

If Denied, Yes Date:

Wireline Log Received RECEIVED

Geologist Report Received NSAS CORPORATION COMMISSION

UIC Distribution OCT 2 7 2008

CONSERVATION DIVISION WICHITA, KS

| • | | n Operating Co., L | | | | Well #: B4 | -19 |
|---|--|---|---|--|----------------------|---|--|
| sted, time tool open mperature, fluid reco | ow important tops at and closed, flowing overy, and flow rates | ✓ East West nd base of formations and shut-in pressures if gas to surface test, nal geological well site | s, whether shut-in p along with final ch | all cores. Report pressure reached s | static level, hydros | tatic pressur | res, bottom hole |
| rill Stem Tests Taken (Attach Additional S | heets) | ☐ Yes ✓ No | Na | Log Formatio | n (Top), Depth ar | d Datum | ✓ Sample |
| amples Sent to Geological Survey Ores Taken Yes No No lectric Log Run (Submit Copy) | | Se | See Attached | | | | |
| st All E. Logs Run: High Resolution C Dual Induction | Compensated De | ensity Neutron & | | | | | |
| | | | G RECORD -conductor, surface, i | New Used ntermediate, producti | on, 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 |
| Surf | , 11" | 8 5/8 | " 24 | # 43' | Class A | 8 | |
| Prod | 6 3/4" | 4 1/2 | " 10.5 | # 1577' | Thick Set | 160 | See Attached |
| | | ADDITIONA | L CEMENTING / SO | QUEEZE RECORD | | | |
| Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives | | | |
| 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 | | | |
| 6 | | | 1054' - 1050 | 1056' 150 gal 15% HCl, 1405# sd, 60 BBL fl | | | |
| . 6 | <u> </u> | | 535.5' - 538. | 5' 150 | gal 15% HCl, 60 | 015# sd, 140 |) BBL fl |
| | | | | | | K | RECEIVED CANSAS CORPORATION CO |
| TUBING RECORD | Size 2 3/8" | Set At 1167' | Packer At NA | Liner Run | Yes ✓ No | | OCT 2 7 200 |
| Date of First, Resumed P | | | | ing ✓ Pumping | | Othe | CONSERVATION DIVI WICHITA, KS er (Explain) |
| Estimated Production Per 24 Hours | | Bbls. Gas | Mcf Wa | ater Bb | s. Ga | s-Oil Ratio | Gravity NA |
| Disposition of Gas | METHOD OF CO | OMPLETION | <u>1</u> | Production Interv | al | | |
| Vented ✓ Sold (If vented, Sum | Used on Lease | Open Hole | | Dually Comp. | Commingled | , | |

Rig Number: 2

S. 19 T. 33 R. 14

Gas Tests:

| API No. := 15-125-31637-0000 | 7. 0. 19 011 . (|
|----------------------------------|---------------------------|
| Elev. 8 3 | S Location: |
| | , |
| Operator: Dart Chriskee Basin Of | printing (0 LLC |
| Address: 211 wmxrtle | 9 |
| Independence Ks 673 | 301 |
| Well No: <i>₿ 4- / </i> 9 | Lease Name: C Kerstetter |
| Footage Location: 3200 | ft. from the (N) (5) Line |
| 780 | ft. from the (W) Line |
| | on Drilling LLC |
| Spud date: 7- 8-08 | Geologist: |
| Date Completed: 7-10-08 | Total Depth: 1583 |
| | |

| Casing Record | | | Rig Time: | | |
|----------------|---------|------------|--------------|--|--|
| | Surface | Production | | | |
| Size Hole: | 11 | 63/4 | | | |
| Size Casing: | 35/8 | | , | | |
| Weight: | 204 | | | | |
| Setting Depth: | 43' | "" | | | |
| Type Cement: | Port | | | | |
| Sacks: | 8 | nie | Niel Hilvard | | |

| | | | # <u></u> - | Well Log | 9 | | | |
|--------------------------|------|-------------|-------------|----------|-------|-----------|-------------|------------|
| Formation | Тор | Btm. | Formation | Тор | Btm. | Formation | Тор | Btm. |
| 5ë.1 | 0 | 3 | (201 | 1072 | 1074 | | | |
| Clay | 3 | 5 | Shale | 1074 | 1096 | | | |
| Soul | 5 | 23 | (a.) | 1096 | 1098 | | | 7 |
| Shale | 23 | 29 | Shale | 1098 | 1140 | | | |
| Ine | 29 | 31 | (sal | 1140 | 11411 | | | |
| Sand | 31 | 87 | Shale | 1141 | 1326 | | | |
| Shale | 87 | 273 | Coal | 1326 | 1327 | | | |
| lime | 273 | 329 | Shale | 1327 | 1421 | | | |
| Sindlystok | 329 | 394 | (=n) | 1421 | 1422 | | |] |
| line - | 394 | 409 | Shale | 1422 | 1427 | | | |
| Shole | 1109 | 52.3 | (aa) | 11/27 | 1428 | | | |
| line | 523 | 53 S | Shele' | 1428 | 1432 | | | |
| Shale | 535 | 673 | miss | 1432 | 1583 | | | |
| 1 me | 673 | 688 | | | | | | |
| Shale | 688 | 884 | | 1 | | | | |
| Pak | 884 | 906 | | | | | | |
| Dackshale | 906 | 987 | | | | | | ļ |
| Shale | 912 | | | | | | | <u> </u> |
| Oswayo | 987 | 1020 | | | | | | |
| Swammit _ | 1020 | 1031 | | | | | RECE | VED |
| Smoont 1, me Malky | 1031 | 1050 | | | | KAN | SAS CORPORA | ION COM |
| mulky | 1050 | 1058 | | | | | OCT 2 | 7 2000 |
| hira. | 1057 | 1068 | | | | | J UCT Z | Z000 |
| Shake | 1008 | 1072 | | | | | CONSERVATI | ON DIVISIU |



LOCATION EUREKA
FOREMAN KEVIN MCCoy

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT CEMENT

| | | = | | CLIVILI | v i , | | • | | |
|--------------------------------------|------------|--|-------------------|-------------------|---|-------------------------|--------------|----------|--|
| DATE | CUSTOMER# | WEL | L NAME & NUM | BER | SECTION | TOWNSHIP | RANGE | COUNTY | |
| 7-10-08 | 2368 | C. Kers | etter B4 | 1-19 | 19 | 335 | 14E | MG | |
| CUSTOMER | | | | T | 7 ATT 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | V 1 | | |
| DART O | Cherokee I | BASIN | · . | Gus | TRUCK# | DRIVER | TRUCK# | DRIVER | |
| MAILING ADDRE | SS | | | Jones | 445 | Justin | - 1 | | |
| 211 w. | myRtle | in the second of | | Rigi | 479 | John S. | | | |
| CITY | | STATE | ZIP CODE | 7^'9' | | | | | |
| Independ | lence | Ks | 67301 | | | | | | |
| OB TYPE LONG | string | HOLE SIZE_ | 3/4 | _ _ HOLE DEPTI | н <i>/S83′</i> | CASING SIZE & W | EIGHT 41/2 / | 0.5# New | |
| ASING DEPTH_ | 1578' | DRILL PIPE | | _TUBING | | | OTHER | · - | |
| SLURRY WEIGHT 13.2 SLURRY VOL 49 86L | | | | WATER gal/s | sk <u>8</u> | CEMENT LEFT in CASING 0 | | | |
| ISPLACEMENT_ | 25 BbC | DISPLACEMEN | IT PSI <u>800</u> | MX PSI 130 | o Bump Plug | RATE | | ; | |
| EMARKS: SAF | ety Meetin | e: Rigup | to 4/2 0 | ASING. BI | REAK CIRCULI | 19+10~ W/30 | BOL FRESH | water. | |
| Pump 65. | KS Gel FIL | ish w/ Hu | ills 10 Bb | L former | 10 Bbl wa | ter Spacer. | MIXED 16 | المراد | |
| THICK Set | Cement w | 18# Kol- | Seal 15K | @ 13.2 # | 19AL YICID | 1.23. WASh | out Pump | & Lines. | |
| Shut down | 1. Release | Plug. Dis | place w/ | 25 BBL + | Resh water. | FINAL Pum | omo PRESSU | re 200 | |
| PSI. Bump | Plug to 1 | 300 PSI. W | VAIT 5 m | wates. K | Pekase PRes | sure. FLOAT | Held. Sho | + CASING | |
| | | | | | ce = 9 860 | | | | |
| Rig down | | | | | | 7 | | | |
| 7 | • | | | ·· | | | | | |

| ACCOUNT CODE | QUANITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|-----------------|------------------|------------------------------------|--------------------|---------------|
| 5401 | / | PUMP CHARGE | 925.00 | 925.00 |
| 5406 | 40 | MILEAGE | 3.65 | 146.00 |
| 1126 A | 160 SKS | THICK Set Cement | 17.00 | 2720.0 |
| 1110 A | 1280 # | Kol-Seal 8 */sk | . 42 # | 537.60 |
| 1118 A | <i>3</i> ∞ # | Gel Flush | .17 # | 51.00 |
| 1105 | 50 " | Hulls | .39 # | 19.50 |
| 5407 | 8.8 Tons | TON MileAge Bulk TRUCK | M/c | 315.00 |
| 4404 | / | 4/2 Top Rubber Plug | 45.00 | 45.00 |
| 114/3 | 1 916 | JOAP RECEIVED | 38.50 | <i>38.5</i> 0 |
| 1140 | 1 gAL 2 gAL | Brocide KANSAS CORPORATION | 29-00 | 58.60 |
| | | OCT 2.7.2008 | | |
| | | CONSERVATION DIVISION | | |
| | | | Sub TotAL | 4855.60 |
| n 3737 | | THANK YOU 5.3% | SALES TAX | 118.17 |
| 11 3/3/ | and the | | ESTIMATED TOTAL | 5034.37 |

AUTHORIZTION_______

TITLE

DATE____