CONFIDENTIAL

A CANADA CONTRACTOR

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1 September 1999 Form Must Be Typed

CONSERVATION DIVISION WICHITA, KS

## **WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE**

| 00074   |  |
|---|--|
| Operator: License # 33074   | API No. 15 - 125-31321-00-00   |
| Name: Dart Cherokee Basin Operating Co., LLC  | County: Montgomery   |
| Address: P O Box 177  City/State/Zip: Mason MI 48854-0177  Purchaser: Oneok  Operator Contact Person: Beth Oswald                                   |  |
| City/State/Zip: Mason MI 48854-0177   | 1980' FSL feet from S / N (circle one) Line of Section   |
| Purchaser: Oneok CONT 1, 9 2001   | 1980' FEL feet from E / W (circle one) Line of Section   |
| City/State/Zip: Mason MI 48854-0177  Purchaser: Oneok  Operator Contact Person: Beth Oswald  Phone: (517_) 244-8716                                 | Footages Calculated from Nearest Outside Section Corner:   |
| Phone: (517) 244-8716   | (circle one) NE SE NW SW   |
| Contractor: Name: McPherson   | Lease Name: J Clubine Well #: C3-34  |
| _icense: 5675   | Field Name: Cherokee Basin Coal Gas Area   |
| Nellsite Geologist: Bill Barks  | Producing Formation: Penn Coals  |
| Designate Type of Completion:   | Elevation: Ground: 865' Kelly Bushing:   |
| ✓ New Well Re-Entry Workover  | Total Depth: 1566' Plug Back Total Depth: 1560'  |
| Oil SWD SIOWTemp. Abd.  | Amount of Surface Pipe Set and Cemented at 41 Feet   |
| Gas ENHR SIGW   | Multiple Stage Cementing Collar Used?  |
| Dry Other (Core, WSW, Expl., Cathodic, etc)   | If yes, show depth setFeet   |
| f Workover/Re-entry: Old Well Info as follows:  |  |
| Old Well Into as follows:  Operator:  | If Alternate II completion, cement circulated from   |
|   | feet depth to  |
| Well Name:  | Drilling Fluid Management Plan ATT M 3 24-09 (Data must be collected from the Reserve Plt)   |
| Original Comp. Date: Original Total Depth:  | (Data must be collected from the Reserve Plt)  |
| Deepening Re-perf Conv. to Enhr./SWD  | Chloride contentppm Fluid volumebbls   |
| 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   |  |
| 8-22-07 8-24-07 9-4-07  | Lease Name: License No.:   |
| Spud Date or Date Reached TD Completion Date or Recompletion Date   | Quarter Sec Twp. S. R East West  |
| Noonpelion bate   | County: Docket No.:  |
| Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of | 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. |
| All requirements of the statutes, rules and regulations promulgated to regul  | late the oil and gas industry have been fully complied with and the statements   |
| nerein are complete and correct to the best of my knowledge.  |  |
| Signature: La Court   | KCC Office Use ONLY  |
|   |  |
| Title: Engr Clerk Date: 12-19-07  | Letter of Confidentiality Attached   |
| Subscribed and sworn to before me this 19 day of December   | er, If Denied, Yes 🗌 Date:   |
| 20.07   | Wireline Log Received  |
| Notary Public: Blandy R allcock   | Geologist Report Received RECEIVED  UIC Distribution KANSAS CORPORATION COMMISSION   |
| Oate Commission Expires: 3-5-201)  BRANDY R. ALLO BRANDY R. ALLO  | COCK DEC 2 0 2007  |
| Notary Public   | Muchigan PEO 7 2001  |
|   |  |
| My Commission March 05, 20  | WICHITA KS   |

|   |   | n Operating Co., LL   |                               |                           |                    | · · · · · · · · · · · · · · · · · · · | Well #: <u>C3</u> -                   | 34           |              | _      |
|---|---|---|-------------------------------|---------------------------|--------------------|---------------------------------------|---------------------------------------|--------------|--------------|--------|
| ec. <u>34</u> Twp. <u>3</u>                                   | 2 S. R. 14                                | ✓ East West   | County                        | <sub>/:</sub> <u>Mont</u> | gomery             | <del></del>                           |                                       | -            |              | -      |
| ested, time tool open<br>emperature, fluid rec                | and closed, flowing overy, and flow rates | nd base of formations p<br>and shut-in pressures,<br>s if gas to surface test,<br>inal geological well site | , whether sh<br>along with fi | nut-in pre                | ssure reached s    | tatic level, hydros                   | tatic pressure                        | es, botto    | m hole       |        |
| rill Stem Tests Taker<br>(Attach Additional S                 |   | ☐ Yes ✓ No  |                               | Lo                        | og Formation       | n (Top), Depth an                     | d Datum                               | <b>4</b>     | Sample       | -      |
| amples Sent to Geo  | logical Survey                            | ☐ Yes ✓ No  |                               | Name                      | е                  |                                       | Тор                                   |              | Datum        |        |
| ores Taken  |   | Yes ✓ No  |                               | See                       | Attached           |                                       | <b>a</b> c                            |              |              |        |
| lectric Log Run<br>(Submit Copy)                              |   | ✓ Yes No  |                               |                           | 30                 | NFIDENTI                              | AL<br>17                              |              |              |        |
| ist All E. Logs Run:  |   |   |                               |                           |                    | DEC 19 200                            | ) f                                   |              |              |        |
| High Resolution (<br>Dual Induction                           | Compensated De                            | ensity Neutron &  |                               |                           |                    | KCC                                   |                                       |              |              |        |
|   |   | CASING<br>Report all strings set-   | RECORD                        | Ne                        |                    | on, etc.                              | <del></del>                           |              |              | ]      |
| Purpose of String   | Size Hole<br>Drilled                      | Size Casing<br>Set (In O.D.)  | Weig                          | ght                       | Setting<br>Depth   | Type of<br>Cement                     | # Sacks<br>Used                       | Туре         | and Percent  | 1      |
| Sur   |   | 8 5/8"  |                               | 24#                       | 41'                | Class A                               | . 8                                   |              | danves       |        |
| Proc  | 6 3/4"                                    | 4 1/2'  |                               | 9.5#                      | 1560'              | Thick Set                             | 165                                   | See A        | ttached      |        |
| W   |   | ADDITIONA   | L CEMENTIN                    | NG / SQU                  | JEEZE RECORD       |                                       | ÷                                     | <u> </u>     |              |        |
| Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone | Depth<br>Top Bottom                       | Type of Cement  | #Sacks                        | Used                      |                    | Type and Pe                           | rcent Additives                       |              |              | -      |
| Shots Per Foot  |   | ON RECORD - Bridge Plu<br>Footage of Each Interval Pe   |                               |                           |                    | ure, Shot, Cement S                   |                                       | d            | Depth        | 7      |
| 6   | эреспу г                                  | ootage of Each filter var Pe  | 1386.5' -                     | 1388.5'                   |                    | ) gal 15% HCl, 3                      | · · · · · · · · · · · · · · · · · · · | BBL fl       | Беріп        |        |
|   |   |   |                               |                           |                    |                                       | KAN                                   | F<br>NSAS CO | RECEIVED     | OMMIS  |
|   |   |   |                               |                           |                    | <u> </u>                              |                                       | DE           | C 2 0 20     | 07     |
|   |   |   |                               |                           |                    | <u> </u>                              |                                       |              | ERVATION DIV | ACIEN. |
| TUBING RECORD   | Size<br>2 3/8"                            | Set At<br>1533'   | Packer A<br>NA                | l l                       | Liner Run          | Yes ✓ No                              |                                       | CONS         | WICHITA, KS  | 1001   |
| Date of First, Resumed  | Production, SWD or Er<br>9-7-07           | hr. Producing Met   | thod                          | Flowing                   | g ✓ Pumping        | g Gas Lift                            | Othe                                  | er (Explain  | )            |        |
| Estimated Production Per 24 Hours                             | Oil                                       | Bbls. Gas   | Mcf                           | Wate                      |                    | s. Ga                                 | s-Oil Ratio                           |              | Gravity      | 1      |
|   | NA  |   |                               |                           | 28                 |                                       | NA                                    |              | NA           | _      |
| Disposition of Gas  | METHOD OF C                               | OMPLETION   |                               |                           | Production Intervi | <b>a</b> l                            |                                       |              |              |        |
| Vented ✓ Sold (If vented, Su                                  | Used on Lease mit ACO-18.)                | Open Hole   |                               | . D                       | ually Comp. [      | Commingled                            |                                       |              | <u>.</u>     | -      |

## McPherson Drilling LLC **Drillers Log**

Rig Number: 3 S. 34 T. 32 R. 14E MG County: API No. 15- 125-31321 Elev. 865 Location: C NW SE

Operator:

Dart Cherokee Basin Operating Co. LLC

Address:

211 W Myrtle

Independence, KS 67301

Well No:

C3-34

Lease Name:

J. CLUBINE

Footage Location:

1980

ft. from the

1980

ft. from the

South Line Line East

Drilling Contractor:

McPherson Drilling LLC

Spud date:

8/22/2007

Geologist:

Date Completed:

8/24/2007

Total Depth:

1566

| Casing Record  |          |            | Rig Time: |              |
|----------------|----------|------------|-----------|--------------|
|                | Surface  | Production |           | ,            |
| Size Hole:     | 11"      | 6 3/4"     |           | 1            |
| Size Casing:   | 8 5/8"   |            |           |              |
| Weight:        | 20#      |            |           |              |
| Setting Depth: | 41       | McPherson  | -         |              |
| Type Cement:   | Portland |            | Driller:  | Nick Hilyard |
| Sacks:         | 8        | McPherson  |           | <u> </u>     |

| Gas Tests:                               |  |
|--|--|
| CONFIDENTIAL DEC 1 9 2007 KCC  Comments: |  |
| Start injecting @ 350                    |  |
|  |  |

|             |     |      |             | Well Log |      | ·         |          |                       |
|-------------|-----|------|-------------|----------|------|-----------|----------|-----------------------|
| Formation   | Тор | Btm. | Formation   | Тор      | Btm. | Formation | Тор      | Btm.                  |
| soil        | 0   | 3    | pink        | 885      | 906  |           | ٠.       |                       |
| clay        | 3   | 7    | shale       | 906      | 984  | ٠,        |          |                       |
| shale       | 7   | 17   | oswego      | 984      | 1012 |           |          |                       |
| lime        | 17  | 19   | summit      | 1012     | 1024 |           |          |                       |
| shale       | 19  | 281  | lime .      | 1024     | 1050 |           |          |                       |
| sandy shale | 281 | 298  | mulky       | 1050     | 1060 |           |          |                       |
| sand        | 298 | 334  | lime        | 1060     | 1065 |           |          |                       |
| sandy shale | 334 | 349  | shale       | 1065     | 1074 |           |          |                       |
| shale       | 349 | 456  | coal        | 1074     | 1075 |           |          |                       |
| lime        | 456 | 468  | shale       | 1075     | 1094 |           |          |                       |
| black shale | 468 | 471  | coal        | 1094     | 1095 |           |          |                       |
| shale       | 471 | 579  | shale       | 1095     | 1137 |           | •        |                       |
| lime        | 579 | 580  | coal        | 1137     | 1139 |           |          |                       |
| shale       | 580 | 634  | shale       | 1139     | 1156 | ,         |          | ·                     |
| black shale | 634 | 636  | coal        | 1156     | 1157 | <u>'</u>  |          |                       |
| shale       | 636 | 741  | shale       | 1157     | 1390 |           |          |                       |
| lime        | 741 | 749  | coal        | 1390     | 1392 |           |          |                       |
| shale       | 749 | 752  | shale       | 1392     | 1435 |           |          | ٠,                    |
| ime         | 752 | 762  | Mississippi | 1435     | 1566 |           | DEG      | EN /ED                |
| sand        | 762 | 771  |             |          |      | KAN       |          | EIVED<br>ATION COMMIS |
| lime        | 771 | 778  |             |          |      |           |          |                       |
| shale       | 778 | 855  | İ           |          |      |           | DEC 2    | 0 2007                |
| sand        | 855 | 865  |             |          |      | ٠.        | CONSERVA | TION DIVISION         |
| shale       | 865 | 885  |             |          |      |           |          | ITA, KS               |

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

| TICKET NUMBER   | 12550  |
|-----------------|--------|
| LOCATION EUROSA |        |
| FOREMAN PTON (  | FOFORD |

## TREATMENT REPORT & FIELD TICKET CEMENT

| DATE          | CUSTOMER#                              | WEL         | L NAME & NUME | BER          | SECTION       | TOWNSHIP        | RANGE                       | COUNTY   |
|---------------|--|-------------|---------------|--------------|---------------|-----------------|-----------------------------|----------|
| 8.24 02       | 23108                                  | Clubine     | <u> </u>      | ,            |               |                 |                             | m6       |
| CUSTOMER      |  |             |               |              |               |                 | <b>的主义中国的</b>               |          |
|               | DART Che                               | vouce Be    | 1510          | 1            | TRUCK #       | DRIVER          |                             | - DRIVER |
| MAILING ADDRE |  |             | -             | Tones        | 463           | Kyle            | CONFI                       |          |
| 2             | In W r                                 | Myrtle      |               |              | 473           | 5677            | NEC                         | 1 9 2001 |
| CITY          | ······································ | STATE       | ZIP CODE      |              |               |                 |                             | 100      |
| Indo          | perdence                               | 123         | 62301         |              |               |                 |                             | 100      |
| JOB TYPE 100  | 7                                      | HOLE SIZE   | 63/4.         | HOLE DEPTH   | 1566          | CASING SIZE & W | EIGHT //2</td <td>9.5"</td> | 9.5"     |
| CASING DEPTH  | 1                                      | DRILL PIPE  |               | TUBING       |               |                 | OTHER                       |          |
| SLURRY WEIGH  | т <u>/3<sup>9 #</sup> </u>             | SLURRY VOL_ | 51 BL         | WATER gal/sl | k <u> 8.4</u> | CEMENT LEFT in  | CASING                      | <u></u>  |
|               | 2514 BU                                | DISPLACEMEN | T PSI         | ( \ 1000)    | 3 <i>0</i> 0  | RATE            |                             |          |
| REMARKS:      | pafety m                               | eeting-     | Ris on        | to 4/1/2     | C43103        | Break C         | rrulation                   | 4/ 35    |
|               | ish water                              |             |               |              |               | 6.1/3 20        |                             |          |
| 50300         | 10 857                                 | suga Late   | 1. 15         | Bol due      | nate.         | nixed 16:       | 5 3×3 €                     | hickset  |
| coment        | w/8 +                                  | Kol-seal De | 1/5x @ 1.     | 3,2 + 19/6A  | k. Washo      | nixed 16:       | 1.nes. s                    | 1.1.+    |
|               |  |             |               |              |               | · jater -       |                             |          |
| _             | ,                                      |             | ,             |              |               | les release p   |                             |          |
|               |  |             |               |              |               | +. Job com      |                             |          |
|               |  |             |               |              |               |                 |                             |          |
|               |  |             | , _           | / 11         |               |                 |                             |          |

## THANK YOU

| ACCOUNT<br>CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT                            | UNIT PRICE      | TOTAL    |
|-----------------|-------------------|---|-----------------|----------|
| 5401            | /                 | PUMP CHARGE   | 846.00          | 840.00   |
| 5406            | 40                | MILEAGE   | . 3.30          | 132.00   |
| 11261           | 165 545           | through count   | 15.40           | 2541.00  |
| 111019          | 1310 "            | Kolsen 8 + 125/311  | .38             | 501.60   |
| 11/3/2          | 300 H             | gel-flush   | . 15            | 45.00    |
| 1105            | 50 <sup>#</sup>   | hulls   | . 36            | 18.00    |
| 5407            | 9 03              | ton-milegge bulk tov  | m/c             | 285.00   |
|                 |                   |   |                 |          |
| 4441            | 1                 | 41/2" top rusher plus   | 40.00           | 46.00    |
| 1143            | 1391              | Soce RECEIVED RECEIVED RECEIVED RANSAS CORPORATION COMMISSION | 35.45           | 35.45    |
| 1140            | 2 201             | bicide KANSAS CORPORATION                                     | 26 65           | 53.36    |
|                 |                   | DEC 211 SUUT  |                 |          |
|                 |                   | CONSERVATION DIVISION WICHTA, KS                              |                 |          |
|                 |                   | , Allo  | Sub total       | 4/491. 3 |
|                 |                   | 5.32  | SALES TAX       | 166.7.   |
|                 |                   |   | ESTIMATED TOTAL | 4658.0   |

AUTHORIZATION 615 Mel

TITLE\_

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