

ORIGINAL

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 # 33074
Name: Dart Cherokee Basin Operating Co., LLC
Address: P O Box 177
City/State/Zip: Mason MI 48854-0177
Purchaser: Oneok
Operator Contact Person: Beth Oswald
Phone: (517) 244-8716
Contractor: Name: McPherson
License: 5675
Wellsite Geologist: Bill Barks

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 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./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
6-15-04 6-17-04 6-25-04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-30548-00-00
County: Montgomery
SE SE SW Sec. 4 Twp. 31 S. R. 15 East West
330' FSL feet from S / N (circle one) Line of Section
3100' FEL feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Dougherty Well #: D2-4
Field Name: Cherokee Basin Coal Gas Area
Producing Formation: Penn Coals
Elevation: Ground: 957' Kelly Bushing: _____
Total Depth: 1486' Plug Back Total Depth: 1480'
Amount of Surface Pipe Set and Cemented at 22 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan *Alt II KGR 2/21/08*
(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.: _____

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: Beth Oswald
Title: Admn Engr Asst Date: 7-30-04
Subscribed and sworn to before me this 30th day of July,
2004
Notary Public: Karen L. Welton
Date Commission Expires: _____

KAREN L. WELTON
Notary Public - Michigan
Ingham County
My Commission Expires Mar 3, 2007
Acting in the County of Ingham

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

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Doughert Well #: D2-4
 Sec. 4 Twp. 31 S. R. 15 East West County: Montgomery

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 & Dual Induction | Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum See Attached <h2 style="margin: 0;">RECEIVED</h2> <h3 style="margin: 0;">AUG 02 2004</h3> <h2 style="margin: 0;">KCC WICHITA</h2> |
|--|---|

| CASING RECORD New 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 |
| Surf | 11" | 8 5/8" | | 22' | Class A | 5 | |
| Prod | 6 3/4" | 4 1/2" | 10.5# | 1480' | 50/50 Poz | 200 | See Attached |

| 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 | | Acid, Fracture, Shot, Cement Squeeze Record | | Depth |
|----------------|---|--|---|--|-------|
| | Specify Footage of Each Interval Perforated | | (Amount and Kind of Material Used) | | |
| 4 | 1164'-1165' | | 300 gal 10% HCl, 1640# sd, 230 BBL fl | | |
| 4 | 1136'-1140' | | 500 gal 10% HCl, 10 ballsealers, 5450# sd, 395 BBL fl | | |
| 4 | 1069'-1071' | | 300 gal 10% HCl, 1775# sd, 230 BBL fl | | |
| 4 | 1026.5'-1028.5' | | 300 gal 10% HCl, 2770# sd, 245 BBL fl | | |
| 4 | 970'-973' | | 300 gal 10% HCl, 5500# sd, 565 BBL fl | | |

| | | | | | |
|--|---------------------|--|-----------------------|-------------------------|---|
| TUBING RECORD | | Size <u>2 3/8"</u> | Set At <u>1441'</u> | Packer At <u>NA</u> | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumed Production, SWD or Enhr. <u>7-20-04</u> | | Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) | | | |
| Estimated Production Per 24 Hours | Oil Bbls. <u>NA</u> | Gas Mcf <u>5</u> | Water Bbls. <u>24</u> | Gas-Oil Ratio <u>NA</u> | Gravity <u>NA</u> |

Disposition of Gas Vented Sold Used on Lease Other (Specify) _____

(If vented, Sumit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled _____

Production Interval _____

McPherson Drilling LLC Drillers Log

| | | | |
|-------------------------------|---------------------------|--------------|--------------|
| Rig Number: 1 | S. 4 | T. 31 | R. 15 |
| API No. 15- .125-30548 | County: MG | | |
| Elev. 957 | Location: SE SE SW | | |

| | | | |
|--|------------------------------|-------|------|
| Operator: Dart Cherokee Basin Operating Co. LLC | | | |
| Address: 3541 CR 5400 Independence, KS 67301 | | | |
| Well No: D2-4 | Lease Name: Dougherty | | |
| Footage Location: | 330 ft. from the | South | Line |
| | 3100 ft. from the | East | Line |
| Drilling Contractor: McPherson Drilling LLC | | | |
| Spud date: 6/15/2004 | Geologist: | | |
| Date Completed: 6/17/2004 | Total Depth: 1486' | | |

| |
|--|
| Gas Tests: |
| <p>RECEIVED</p> <p>AUG 02 2004</p> <p>KCC WICHITA</p> |
| Comments: |
| Start injecting water: 300' |
| Water @ 1451' |

| | | | |
|-----------------------|----------------|-------------------|----------------------------|
| Casing Record | | | Rig Time: |
| | Surface | Production | |
| Size Hole: | 11" | 6 3/4" | |
| Size Casing: | 8 5/8" | | |
| Weight: | 20# | | |
| Setting Depth: | 22' | McPherson | |
| Type Cement: | Portland | | Driller: Andy Coats |
| Sacks: | 4 | McPherson | |

| Well Log | | | | | | | | | | |
|------------------|------------|-------------|--|------------------|------------|-------------|--|------------------|------------|-------------|
| Formation | Top | Btm. | | Formation | Top | Btm. | | Formation | Top | Btm. |
| soil | 0 | 4 | | coal | 868 | 869 | | | | |
| lime | 4 | 20 | | sand | 869 | 871 | | | | |
| shale | 20 | 122 | | sand shale | 871 | 919 | | | | |
| lime | 122 | 145 | | 1st oswego | 919 | 945 | | | | |
| shale | 145 | 248 | | summit | 945 | 952 | | | | |
| sand | 248 | 294 wet | | 2nd oswego | 952 | 964 | | | | |
| shale | 294 | 350 | | mulky | 964 | 972 | | | | |
| lime | 350 | 362 | | 3rd oswego | 972 | 979 | | | | |
| shale | 362 | 323 | | sandy shale | 979 | 1005 | | | | |
| lime | 323 | 459 | | coal | 1005 | 1007 | | | | |
| sandy | 459 | 468 no sho | | shale | 1007 | 1025 | | | | |
| shale | 468 | 524 | | coal | 1025 | 1027 | | | | |
| lime | 524 | 580 | | shale | 1027 | 1066 | | | | |
| shale | 580 | 614 | | coal | 1066 | 1068 | | | | |
| coal | 614 | 616 | | shale | 1068 | 1129 | | | | |
| shale | 616 | 632 | | coal | 1129 | 1131 | | | | |
| coal | 632 | 633 | | shale | 1131 | 1172 | | | | |
| shale | 633 | 659 | | coal | 1172 | 1174 | | | | |
| elime | 659 | 680 | | sand shale | 1174 | 1269 | | | | |
| sand shale | 680 | 699 | | coal | 1269 | 1272 | | | | |
| lime | 699 | 738 | | shale | 1272 | 1304 | | | | |
| sand shale | 738 | 852 | | coal | 1304 | 1307 | | | | |
| pink lime | 852 | 865 | | shale | 1307 | 1334 | | | | |
| shale | 865 | 868 | | Mississippi | 1334 | 1486 TD | | | | |



CONSOLIDATED
OIL WELL
SERVICES
AN INFINITY COMPANY

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

RECEIVED
AUG 02 2004
KCC WICHITA

TICKET NUMBER **24646**

LOCATION B'ville

FIELD TICKET

| | | | | | | | | |
|-------------------|-------------------------|-----------------------------|---------|--------------|-----------|-----------|--------------|-----------|
| DATE 6-18-04 | CUSTOMER ACCT # 2368 | WELL NAME Dougherty DZ-4 | QTR/QTR | SECTION 4 | TWP 31 | RGE 15 | COUNTY MG | FORMATION |
| CHARGE TO DART | | | | OWNER | | | | |
| MAILING ADDRESS | | | | OPERATOR | | | | |
| CITY & STATE | | | | CONTRACTOR | | | | |

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION OF SERVICES OR PRODUCT | UNIT PRICE | TOTAL AMOUNT |
|--------------|-------------------|------------------------------------|-------------|--------------|
| 5401 | 1 1480' | PUMP CHARGE LONGSTRING | | 710.00 |
| 1110 | 20 SK | GILSONITE | | 407.00 |
| 1111 | 500 # | SALT | | 130.00 |
| 1118 | 5 SK | GEL | | 62.00 |
| 1107 | 3 SK | FLO SEWER | | 120.00 |
| 1105 | 3 SK | HULLS | | 40.80 |
| 1123 | 6300 GAL | CITY H ₂ O | | 72.45 |
| 4404 | 1 EG | 4" rubber plug | | 35.00 |
| 1238 | 1 GAL | SAP | | 31.50 |
| 1205 | 1 1/2 GAL | BI-CIDE | | 25.48 |
| 5407 | MIN | BLENDING & HANDLING | | |
| | | TON-MILES | | 225.00 |
| | | STAND BY TIME | | |
| | | MILEAGE | | |
| 5501C | 4 HR | WATER TRANSPORTS | | 336.00 |
| 5502C | 4 HR | VACUUM TRUCKS | | 312.00 |
| | | FRAC SAND | | |
| 1124 | 200 SK | CEMENT 50/50 | | 1380.00 |
| | | | * SALES TAX | 119.10 |

Rev'n 2790

ESTIMATED TOTAL ~~4038.81~~

4016.33

CUSTOMER or AGENTS SIGNATURE Willie Banks

CIS FOREMAN

Jeff Cochran

CUSTOMER or AGENT (PLEASE PRINT)

DATE

190920

