

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

Form ACO-1
September 1999
Form Must Be Typed

COPY

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. _____

| | | |
|-----------------------------------|-----------------|---|
| 4-29-03 | 5-1-03 | 5-15-03 |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 125-30174-00-00
County: Montgomery
C SW NE Sec. 27 Twp. 32 S. R. 15 ☒ East ☐ West
3300' FSL _____ feet from S N (circle one) Line of Section
1980' 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: J Garner Well #: B3-27
Field Name: Jefferson-Sycamore
Producing Formation: Penn Coals
Elevation: Ground: 827' Kelly Bushing: _____
Total Depth: 1326' Plug Back Total Depth: 1318'
Amount of Surface Pipe Set and Cemented at 20' 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

(Data must be collected from the Reserve Pit)

Chloride content NA ppm Fluid volume 720 bbls
Dewatering method used empty w/ vac trk, air dry

Location of fluid disposal if hauled offsite:

Operator Name: Dart Cherokee Basin Operating Co, LLC
Lease Name: SSR D2-20 License No.: 33074
Quarter SW Sec. 20 Twp. 31 S. R. 15 ☒ East ☐ West
County: Montgomery Docket No.: D-28214

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: Admin & Engr Asst Date: 1-23-04

Subscribed and sworn to before me this 23rd day of February

2004

Notary Public: Karen L. Welton

Date Commission Expires: My Comm. Expires Mar. 3, 2007

KCC Office Use ONLY

☐ Letter of Confidentiality Attached
If Denied, Yes ☐ Date: _____
☒ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution

COPY

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: J Garner Well #: B3-27
 Sec. 27 Twp. 32 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 ☐ Yes ☒ No
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken Yes ☒ No

Electric Log Run ☒ Yes ☐ No
 (Submit Copy)

List All E. Logs Run:

High Resolution Compensated Density Neutron

Log Formation (Top), Depth and Datum ☒ Sample
 Name Top Datum
 See Attached

RECEIVED

FEB 26 2004

KCC WICHITA

| 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" | | 20' | Class A | 4 | |
| Prod | 6 3/4" | 4 1/2" | 10.5 | 1318' | 50/50 Poz | 160 | |
| | | | | | | | |

| 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 |
|----------------|---|---|-------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | | | | | | |
|---|-----|-------|------------------|-----------|---|--|-----------------|---------|
| TUBING RECORD | | Size | Set At | Packer At | Liner Run | | | |
| 2 3/8" | | | 1290' | NA | Yes | <input checked="" type="checkbox"/> No | | |
| Date of First, Resumed Production, SWD or Enhr. | | | Producing Method | | | | | |
| 7-3-03 | | | | Flowing | <input checked="" type="checkbox"/> Pumping | Gas Lift | Other (Explain) | |
| Estimated Production Per 24 Hours | Oil | Bbls. | Gas | Mcf | Water | Bbls. | Gas-Oil Ratio | Gravity |
| | NA | | 8 | | 14 | | NA | NA |

Disposition of Gas ☐ Vented ☒ Sold ☐ Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION

Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) _____

Production Interval _____

COPY

Dart Cherokee Basin Operating Co LLC #33074
 J Garner B3-27 API #15-125-30174-00-00
 C SW NE Sec 27 T32S-R15E
 Attachment to ACO-1 Well Completion Form

| Shots Per Foot | Perforation Record | Acid, Fracture, Shot, Cement Squeeze Record | Depth |
|----------------|--------------------|---|-------|
| 6 | 1200.5'-1201.5' | 300 gal 12% HCl, 1715# sd, 185 BBL fl | |
| 6 | 955.5'-956.5' | 300 gal 12% HCl, 1575# sd, 185 BBL fl | |
| 6 | 889.5'-890.5' | 300 gal 12% HCl, 1560# sd, 205 BBL fl | |
| 6 | 825'-826' | 300 gal 12% HCl, 1565# sd, 170 BBL fl | |
| 6 | 804'-807.5' | 300 gal 12% HCl, 5495# sd, 340 BBL fl | |
| 6 | 486'-487' | 300 gal 12% HCl, 1100# sd, 150 BBL fl | |
| | | | |
| | | | |

RECEIVED
 FEB 26 2004
 KCC WICHITA

McPherson Drilling LLC Drillers Log

ORIGINAL

| | |
|----------------------------|-----------------------|
| Log Number: 3 | S. 27 T. 32 S R. 15 E |
| API No. 15- 125-30174-0000 | County: Montgomery |
| Elev. 827' | Location: SW NE |

| | | | |
|----------------------|---------------------------------------|--------------|------------|
| Operator: | Dart Cherokee Basin Operating Co. LLC | | |
| Address: | P.O. Box 177 Mason, MI 48854-0177 | | |
| Well No: | B3-27 | Lease Name: | J. Garner |
| Footage Location: | 3300 ft. from the | South | Line |
| | 1980 ft. from the | East | Line |
| Drilling Contractor: | McPherson Drilling LLC | | |
| Spud date: | 4/29/03 | Geologist: | Bill Barks |
| Date Completed: | 5/1/03 | Total Depth: | 1326' |

| |
|------------------------------|
| Gas Tests: |
| Remarks: |
| Start injecting water @ 260' |

| Casing Record | | | Rig Time: |
|----------------|----------|------------|---|
| | Surface | Production | 2 hrs. 45 min. gas tests |
| Size Hole: | 11" | 6 3/4" | <p>RECEIVED</p> <p>FEB 26 2004</p> <p>KCC WICHITA</p> |
| Size Casing: | 8 5/8" | | |
| Weight: | 20# | | |
| Setting Depth: | 20' | McPherson | |
| Type Cement: | Portland | | |
| Sacks: | 4 sacks | McPherson | |

| Well Log | | | | | | | | | |
|------------|-----|------------|------------|------|------|------------------------------|------|------|----|
| Formation | Top | Btm. | Formation | Top | Btm. | Formation | Top | Btm. | |
| top soil | 0 | 5 | sand/shale | 698 | 737 | water sand | 1140 | 1167 | |
| sandstone | 5 | 12 | 1st Oswego | 737 | 766 | coal | 1167 | 1171 | |
| sand | 12 | 111 | Summit | 766 | 779 | sand/shale | 1171 | 1216 | |
| lime | 111 | 114 | 2nd Oswego | 779 | 801 | Mississippi | 1216 | 1326 | TD |
| shale | 114 | 171 | Mulky | 801 | 808 | | | | |
| lime | 171 | 179 | 3rd Oswego | 808 | 815 | | | | |
| shale | 179 | 252 | shale | 815 | 825 | | | | |
| lime | 252 | 262 | coal | 825 | 827 | | | | |
| sand/shale | 262 | 280 | shale | 827 | 851 | | | | |
| lime | 280 | 293 | coal | 851 | 852 | | | | |
| sand/shale | 293 | 321 | sand/shale | 852 | 880 | | | | |
| lime | 321 | 329 | coal | 880 | 881 | | | | |
| shale | 329 | 441 | shale | 881 | 890 | | | | |
| lime | 441 | 468 | coal | 890 | 892 | | | | |
| shale | 468 | 489 | shale | 892 | 974 | | | | |
| lime | 489 | 503 | coal | 974 | 976 | | | | |
| shale | 503 | 510 | sand/shale | 976 | 1010 | put oil on the pit unloading | | | |
| oil sand | 510 | 544 | coal | 1010 | 1012 | the hole morning of 5-1-03 | | | |
| shale | 544 | 550 | shale | 1012 | 1049 | a lot of water @ 1170' | | | |
| sand | 550 | 588 no sho | coal | 1049 | 1051 | too much to test | | | |
| sand/shale | 588 | 639 | sand/shale | 1051 | 1126 | | | | |
| pink lime | 639 | 661 oil | coal | 1126 | 1127 | | | | |
| shale | 661 | 698 | sand/shale | 1127 | 1140 | | | | |