

**COPY**

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACD-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 5254Name: MIDCO Exploration, Inc.Address 453 S Webb Rd - Suite 100City/State/Zip Wichita, Kansas 67207

Purchaser: \_\_\_\_\_

Operator Contact Person: Earl J. Joyce, Jr.Phone (630) 655-2198Contractor: Name: Duke Drilling Co., Inc.License: 5929Wellsite Geologist: Tom Williams

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:

Operator: RELEASEDWell Name: CONFIDENTIALOld Total D SEP. 28 1999 MAY 5Deepening REPERF. CONV.Plug Back DOCKET NO.Commingled DOCKET NO.Dual Completion DOCKET NO.Other (SWD or Inj?) DOCKET NO.03-26-98 04-08-98 04-09-98

Spud Date Date Reached TD Completion Date

API NO. 15- 033-20953 0000County Comanche County, KansasNE - NW - NE - Sec. 3 Twp. 33 Rge. 18 XX E330 Feet from S (circle one) Line of Section1650 Feet from EW (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)Lease Name Todd Well # 2-3Field Name WildcatProducing Formation N/AElevation: Ground 2840' 2016 KB 2029'Total Depth 5800' PBTD \_\_\_\_\_Amount of Surface Pipe Set and Cemented at 1110.25 FeetMultiple 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 D&A 97 7-14-98  
(Data must be collected from the Reserve Pit)Chloride content 7000 ppm Fluid volume 160 bblsDewatering method used Hauled

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name KBW Oil & GasLease Name Harmon License No. 5993NW Quarter Sec. 11 Twp. 33 S Rng. 20 ECounty Comanche Docket No. CB 98329

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 on 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 Earl J. Joyce JrTitle VP Date 5/5/98Subscribed and sworn to before me this 5th day of May, 19 98.Notary Public Nancy L. Macyunas

Date Commission Expires \_\_\_\_\_

"OFFICIAL SEAL"  
NANCY L. MACYUNAS  
NOTARY PUBLIC, STATE OF ILLINOIS  
MY COMMISSION EXPIRES 6/24/98

K.C.C. OFFICE USE ONLY

F ☒ Letter of Confidentiality Attached  
C ☒ Wireline Log Received  
C ☒ Geologist Report Received

Distribution

☒ KCC ☐ SWD/Rep ☐ N&PA  
☐ KGS ☐ Plug ☒ Other  
(Specify) LOG

Form ACD-1 (7-91)

MIDCO Exploration, Inc.

ORIGINAL

#2-3 Todd

API No. 15-033-209530000

Drillstem Tests

CONFIDENTIAL

DST #1

4337' - 4352' IF Fair blow, built to bottom of bucket in 8 mins.

IH 2147, IF 50-280, ISI 1540, FF 287-544, FSI 1540, FH 2045, BHT° 117

Recovered 200' slight mud cut water- 70% water, 30% mud  
900' salty water

FF - Fair blow off bottom in 3 min.

DST #2

5139' - 5170' IF Strong blow off bottom in 15 seconds. Gas to surface in 5 mins.

IH 2472, IF 88-76, ISI 1444, FF 79-75, FSI 1395, FH 2231, BHT° 120

Recovered 150' slight gas cut mud - 10% gas, 90% mud

FF - Strong blow bottom of bucket in 15 seconds.

DST #3

5689' - 5701' IF Fair blow bottom of bucket in 14 mins.

IH 2769, IF 39-204, ISI 1879, FF 208-283, FSI 1881, FH 2626, BHT° 1238

Recovered 600' slight mud cut water - 5% mud, 95% water  
50' mud cut water - 40% mud, 60% water

FF - Strong blow bottom of bucket in 22 minutes.

KCC  
MAY 5  
CONFIDENTIAL

RELEASED

SEP 23 1979

FROM

Operator Name MIDCO Exploration, Inc.Lease Name ToddWell # 2-3Sec. 3 Twp. 33 Rge. 18☐ East☒ WestCounty Comanche County, Kansas

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  
(Attach Additional Sheets.)☒ Yes ☐ No

Samples Sent to Geological Survey

☒ Yes ☐ No

Cores Taken

☐ Yes ☒ NoElectric Log Run  
(Submit Copy.)☒ Yes ☐ No

List All E.Logs Run: Dual Induction

Comp. Neutron/Density Log

**BOREHOLE COMPENSATED SONIC**☒ Log

Formation (Top), Depth and Datums

☐ Sample

| Name          | Top  | Datum   |
|---------------|------|---------|
| Oread Lime    | 4232 | (-2203) |
| Heebner Shale | 4268 | (-2239) |
| U. Douglas Sd | 4332 | (-2303) |
| Lansing/K.C.  | 4456 | (-2427) |
| Swope Lime    | 4855 | (-2826) |
| Base/K.C.     | 4932 | (-2903) |
| Marmaton Lm   | 4942 | (-2913) |
| Cherokee Sh   | 5083 | (-3054) |
| Mississippi   | 5144 | (-3115) |
| B/Miss. Lm    | 5608 | (-3579) |
| Viola         | 5666 | (-3637) |
| Viola Dolo.   | 5688 | (-3659) |

## 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   |
|-------------------|-------------------|---------------------------|-----------------|---------------|----------------|--------------|------------------------------|
| Conductor         |                   | 20"                       |                 | 44'           |                | 5 yards      |                              |
| Surface           | 12-1/4"           | 8-5/8"                    | 24#             | 1110.25'      | 65/35 Class A  | 375<br>150   | 6% gel 3% cc<br>3% cc 2% gel |

## 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<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------|
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |

| TUBING RECORD                                  | Size                                                                                                                                                          | Set At                | Packer At                 | Liner Run     | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------|---------------|----------------------------------------------------------|
| Date of First, Resumed Production, SWD or Inj. | 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 $\frac{N}{A}$ Bbls.                                                                                                                                       | Gas $\frac{N}{A}$ Mcf | Water $\frac{N}{A}$ Bbls. | Gas-Oil Ratio | Gravity                                                  |

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease  
(If vented, submit ACO-18.)

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