

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 # 5254
Name: MIDCO Exploration, Inc.
Address: 414 Plaza Drive - Suite 204 **KCC**
City/State/Zip: Westmont, IL 60559
Purchaser: ONEOK
Operator Contact Person: Earl J. Joyce, Jr.
Phone: (630) 655-2198
Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: none

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. _____

10-20-00 10-26-00 11/29/00

Spud Date or 10-20-00 Date Reached TD 10-26-00 Completion Date or
Recompletion Date 11/29/00 Recompletion Date

API No. 15 - 095-21772-0000

County: Kingman County, Kansas

SE NE NW Sec. 13 Twp. 28 S. R. 8 ☐ East ☒ West

1070 feet from S (N) (circle one) Line of Section

2260 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE (NW) SW

Lease Name: Biggs Well #: 2

Field Name: Prather

Producing Formation: Mississippi

Elevation: Ground: 1578' Kelly Bushing: 1586'

Total Depth: 4470' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 277 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 1 gH 2/12/01
(Data must be collected from the Reserve Pit)

Chloride content 23,000 ppm Fluid volume _____ bbls

De-watering method used NO FREE LIQUIDS

Location of fluid disposal if hauled offsite: _____

Operator Name: RELEASED

Lease Name: _____ License No.: _____

Section SE Sec. 13 Twp. 28 S. R. 8 ☐ East ☐ West

County: _____ Docket No.: _____

FROM CONFIDENTIAL

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: _____

Title: Vice-President Date: 12/19/2000

Subscribed and sworn to before me this 19th day of December

2000

Notary Public: Nancy L. Macyunas

Date Commission Expires: _____

"OFFICIAL SEAL"
NANCY L. MACYUNAS

KCC Office Use ONLY

☒ Letter of Confidentiality Attached

☒ If Denied, Yes ☐ Date: _____

☒ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

Operator Name: **MIDCO Exploration, Inc.**Lease Name: **Biggs**Well #: **2**Sec. **13** Twp. **28** S. R. **8** ☐ East ☒ WestCounty: **Kingman County, Kansas**

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 ☒ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy)List All E. Logs Run: Correlation Bond Log
Microresistivity Log
Dual Compensated Log
Dual Induction Log☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Heebner	3109	-1523
Brown Lime	3322	-1736
Lansing	3334	-1748
Mississippi Chert	4026	-2440
Viola	4372	-2786

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	# Sacs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24#	277'	60/40 Poz	185	3%cc 2%gel
Production	7-7/8"	4-1/2"	10.5#	4125'	ASC	150	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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
2	4026-29	500 gal 15% MCA acid	
		gelled water frac with 16,000 lbs 16/30 brown sand	
		1500 gal 15% NE-FE acid with 3200 SCF Nitrogen foamer	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	4001		☐ Yes ☒ No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
WAITING ON PIPELINE	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity
0	200 50

Disposition of Gas	METHOD OF COMPLETION	Production Interval
☐ Vented ☒ Sold ☐ Used on Lease (If vented, Sumit ACO-18.)	☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify)	