

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 8996
name MID CONTINENT RESOURCES, INC.
address 2805 BENTBAY CIRCLE
City/State/Zip WICHITA, KANSAS 67204

Operator Contact Person DON V. RIDER
Phone 316 838-9069

Contractor: license # 6033
name MURFIN DRILLING COMPANY

Wellsite Geologist DON V. RIDER
Phone 316 838-9069

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
11-3-84 11-9-84 3-13-85
Spud Date Date Reached TD Completion Date

4700 4390'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 335 feet

Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set 2560' feet

If alternate 2 completion, cement circulated
from 2564 feet depth to surface w/ 550 SX cmt

API NO. 15 193-20,330-0000

County thomas

50'S NE, NE, SW Sec 31 Twp 10 Rge 31 West

2260' Ft North from Southeast Corner of Section
2970' Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

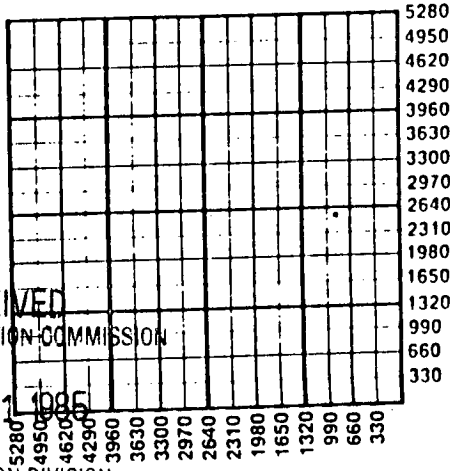
Lease Name Moorhouse Well# 1X-84

Field Name Wildcat Campus, North

Producing Formation Kansas City

Elevation: Ground 3022 KB 3027

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
4-1-85
APR 1 1985

CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and
(Well) Ft West From Southeast Corner of
Sec Twp Rge East West

Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner of
Sec Twp Rge East West

Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 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 drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

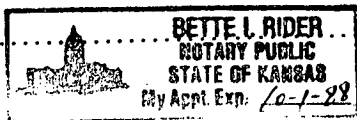
All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Don V. Rider

Title Secretary Date March 30, 1985

Subscribed and sworn to before me this 30 day of March 19 85

Notary Public Bette J. Rider
Date Commission Expires 12-1-88



K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Form ACO-1
(This form supercedes
previous forms
ACO-1 & C-10)

Sec. 31 Twp. 10 Rge. 31E

WELL LOG

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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
Anhydrite	2550	2581
Heebner	3996	- 969
Lansing	4026	- 999
Base KC	4308	-1281
Marmaton	4338	-1311
Cherokee	4490	-1463
Mississippi	4628	-1601

CONFIDENTIAL

RELEASED
 JUL 15 1986
 FROM CONFIDENTIAL

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> 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
Surface	12 1/4	8 5/8	27	331	common	225	
Production	7 7/8	4 1/2	10.5	4699	common	225	3% CC; 2% gel.

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2 spf.	4610-14. & 4590-94	500 gal. 15% mud	
1 spf.	4436-39		
4 spf.	4232-35		
2 spf.	4012-18	Squeezed 50 sks common cement	
2 spf.	4104-07	Natural	

UBING RECORD size <u>2 3/8</u> set at <u>4363</u> packer at <u>none</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
date of First Production <u>3-30-84</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: <u>165</u> Bbls Gas: <u>MCF</u> Water: <u>Bbls</u> Gas-Oil Ratio: <u>CFPB</u> Gravity: <u>38</u>

METHOD OF COMPLETION **PRODUCTION INTERVAL**

position of gas: vented open hole perforation
 sold other (specify) _____
 used on lease Dually Completed.
 Commingled