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RELEASED

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
FROM CONFIDENTIAL
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

API NO. 15-193-20,374
County Thomas
C. S/2 N/2 SW/4 Sec. 31 Twp. 10S Rge. 31E
 East
 West

DESCRIPTION OF WELL AND LEASE

Operator: License # 8996
Name Mid Continent Resources, Inc.
Address 2805 Bentbay Circle
City/State/Zip Wichita, KS 67204

1650 Ft North from Southeast Corner of Section
1320 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Moorhous Well # 5-85

Field Name Campus North

Purchaser Koch Oil

Producing Formation Kansas City

Operator Contact Person Don V. Rider
Phone (316) 838-9069

Elevation: Ground 3032' KB 3037'

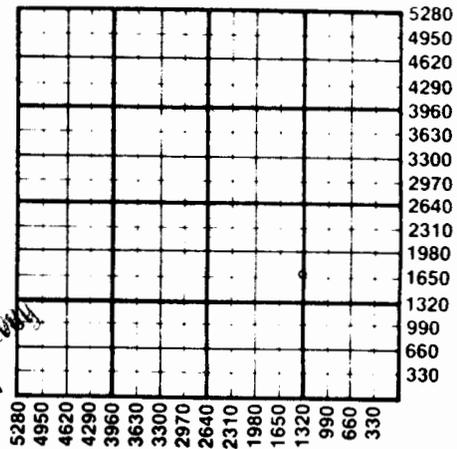
Contractor: License # 6033
Name Murfin Crlg. Co.

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

Section Plat



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # Repressuring

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
11/5/85 11/11/85 11/26/85
Spud Date Date Reached TD Completion Date
.4700 .4260
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 305 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2576 feet
If alternate 2 completion, cement circulated
from 2576 feet depth to surface 550 SX cmt

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit #
 Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West
 Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West
 Other (explain).....
(purchased from city, R.W.D. #)

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. Rule 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.

79379

SIDE TWO

Operator Name Mid Continent Resources, Inc. Lease Name Moorhous Well # 5-85

Sec. 31 Twp. 10S Rge. 31 East West County Thomas

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	2556	+ 481
Topeka	3775	- 738
Heebner	3996	- 959
Lansing	4035	- 998
Base Kansas City	4314	-1277
Marmaton	4343	-1306
Cherokee	4498	-1461
Mississippian	4634	-1597

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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	24	305	60/40	225	2% gel 3% cc
production	7 7/8	4 1/2	10.5	4698	B.J. Mud	500	225sks Shurfill
				2nd stage	B.J. Lite	550	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4 SPF SW	4591-97			250 gal diesel flush w/oil			
2 SPF	4598-4608			500 gal I.N.S. w/clay stab			
2 SPF	4270-80						
4 SPF	4115-19			500 gal 15% mud acid			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Size	Set At	Packer at				
	2 3/8"	4240	n/a				

WELL LOG

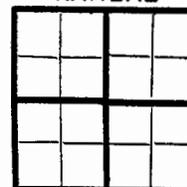
COMPANY Mid-Continent Resources, Inc.
2805 Bentbay Circle
Wichita, KS 67204

FARM Moorhous **NO.** 5-85

SEC. 31 **T.** 10S **R.** 31W
LOC. S/2 N/2 SW

RIG. NO. 24
TOTAL DEPTH 4700'
COMM. 11-05-85 **COMP.** 11-11-85

COUNTY Thomas
KANSAS



CONTRACTOR Murfin Drilling Company
250 N. Water. Suite 300
Wichita, KS 67202

CONFIDENTIAL

CASING

20 10
15 8 -5/8" set @ 305' w/225 sx 60/40 Poz, 2% Gel **ELEVATION**
12 6 3% CC.
13 5
4-1/2" set @ 4700' w/225 sx Common + 550 sx Lite **PRODUCTION**

FIGURES INDICATE BOTTOM OF FORMATIONS

Surface Sand & Clay	220'
Shale	305'
Sand & Shale	2556'
Anhydrite	2589'
Sand & Shale	2873'
Shale	3130'
Lime & Shale	4675'
Lime (RTD)	4700'

7 0 3 1986
 SURVEY
 BRANCH

Date of First Production 11/29/85	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	Gas	Water	Gas-Oil Ratio	Gravity
	50 Bbls	MCF	50 Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation

Sold Other (Specify)

Used on Lease Dually Completed Commingled

4115-19