

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

Purchaser.....

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

Contractor: License # 5652
Name MUSTANG DRILLING 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.....

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
10-21-85 11-2-85 12-19-85
Spud Date Date Reached TD Completion Date
5650' 5599'
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 1618' feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated from.....feet depth to.....w/.....SX cmt

API NO. 15-175-20880-0006
County SEWARD
NW NE NW Sec. 6 Twp. 32 Rge. 32 East West

4950 Ft North from Southeast Corner of Section
3630 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

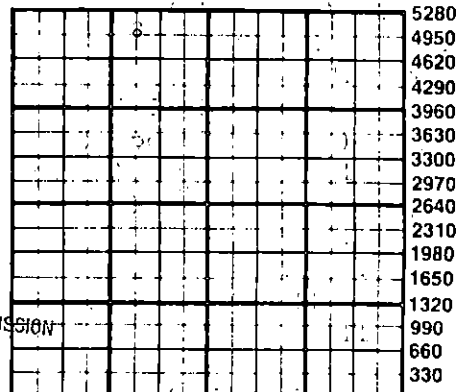
Lease Name COTTON Well # 3C-85

Field Name Shamrock

Producing Formation Morrow

Elevation: Ground 2856 KB 2866

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
JAN 14 1986
1-14-86
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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.

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 Vice Pres. Date 1-14-86

Subscribed and sworn to before me this 14th day of January 1986
Notary Public. Bette I. Rider

Date Commission Expires 10-1-88
BETTE I. RIDER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. _____

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

Sec. 32 Rge. 32 W

X

SIDE TWO

Operator Name Mid Continent Resources, Inc. Lease Name Cotton Well # 3C-85

Sec. 6 Twp. 32s Rge. 32W East West County Seward

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

DST#1 (4576-4616)
 30: 45: 30: 45
 Rec: 1500' GIP
 485' Total Fluid
 5' HG & sl. ocm (22% g, 3% oil, 75% m)
 180' HG & OCM (35%g, 20% oil, 15%w, 30% m)
 60' G & OCMW (20% g, 5% oil, 70%w, 5% m)
 180' MW
 SIP: 1224-1204
 FP: 105-115, 189-220
 BHT: 116°

Name	Top	Bottom
Council Grove	2940	- 74
Heebner	4174	-1308
Lansing	4320	-1454
Base K.C.	4862	-1996
Marmaton	4922	-2056
Cherokee	5115	-2249
Morrowan	5464	-2598
Chesteran	5581	-2715
Rt.T.Don	5650	-2784
L.T.D.	5647	-2781

DST#2 (4746-4755)
 30-30-30-30
 Rec: 20' MW
 SIP: 1046-941
 FP: 31-31, 42-42
 BHT: 116°

DST #3 (5448-5590)
 30-30-45-30
 Rec: 526 MCFG & 210' Drlg. Mud
 SIP: 1571-1540
 FP: 273-273, 231-231
 BHT: 124°

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"	23#	1618'	450 Lite	150 Com	2% cc
Production	7 7/8"	4 1/2"	10.5#	5748'	50 Com	325sks	50/50 Pos
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
3spf	5566 to 5582			2,000 gal 15% MCA			
3spf	5554 to 5560			FRAC BOTH ZONES. MV-T OIL			
				#2, 20,000gal of diesel &			
				195sk 20/40 sand			
TUBING RECORD		Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
2 3/8"		2 3/8"	6568'	none			
Date of First Production	Producing Method						
shut in gas well	<input checked="" type="checkbox"/> Flowing <input 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		
	Bbls	1671 MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 5554-5582
 Used on Lease

Dually Completed
 Commingled