

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, KS 67204

Purchaser..... CITGO

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

Contractor: License # 8241  
Name ..... Emphasis Oil Operations

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

11-17-84 ..... 11-23-84 ..... 2-9-85.....  
Spud Date ..... Date Reached TD ..... Completion Date  
3500' RTD ..... 3420.....  
Total Depth ..... PBD

Amount of Surface Pipe Set and Cemented at 501 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-..... 167-22,520 0000  
County..... Russell  
SE NW SE 31 15S Rge 15  East  
..... Sec..... Twp..... Rge.....  West

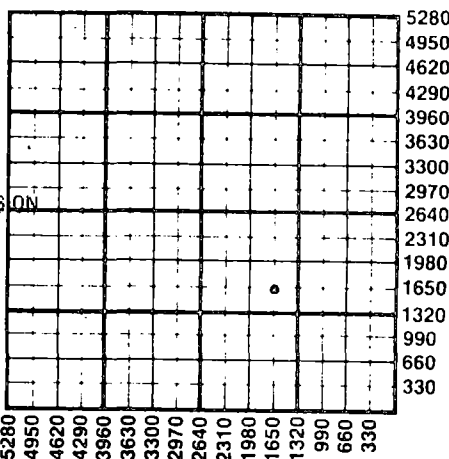
1650 ..... Ft North from Southeast Corner of Section  
1650 ..... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name..... MCR Funk ..... Well #1C-84

Field Name..... Wildcat

Producing Formation..... None

Elevation: Ground..... 1901' ..... KB..... 1906'  
Section Plat



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4-1-1985

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

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.....4900.Ft North from Southeast Corner  
(Stream, pond etc.).....5000.Ft West from Southeast Corner  
Sec 20 Twp 15SRge 15  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 ..... *Bette J. Rider*

Title..... Secretary ..... Date March 30, 1985

Subscribed and sworn to before me this 30 day of March 1985  
Notary Public..... *Bette J. Rider*

Date Commission Expires 10-1-88  
BETTE J. RIDER  
NOTARY PUBLIC  
STATE OF KANSAS

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

Section 31, Twp. 15S, Rge. 15W

Operator Name Mid-Continent Resources, Inc. Lease Name MCR Funk Well # 1C-84

Sec. 31 Twp. 15S Rge. 15  East  West County Russell

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

DRILL STEM TEST NUMBER ONE 3396-3485:

Zones Tested: L, Pleasonton, Conglomerate  
 Testing Times: 45-45-45-45  
 Recovery: 150' HOCM 50% Oil, 50% water  
 IBHP: 1062  
 FBHP: 1037  
 FP: 105-122 138-154  
 I-Hyd: 1710  
 F-Hyd: 1705

Name	Top	Bottom
Anhydrite	984	1014
Topeka	2896	- 990
Heebner	3124	-1218
Lansing	3182	-1276
Base KC	3408	-1502
Pleasonton	3414	-1508
Conglomerate Sand	3422	-1516
Arbuckle	3487	-1581

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"		501'	60/40POZ	240	3% cc 7% gel
Production	7 7/8"	4 1/2"		3499'	Surefill	150	
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	3422-24			250 gal. 7% mud acid			
4 spf	3424-26			500 gal. 15% mud acid		1000 gal. 15% FE	
4 spf	3414-18; 1 hole 3324, 3344, 3361			frac. w/12,000 gal. gel. & 12,000 lbs. sand			
				3000 gal. non E. 500 gal. 15% mud acid		(continued on separate page)	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method		temporarily abandoned			
None		<input 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	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed .....  
 Commingled

Mid Continent Resources, Inc.  
MCR Funk #1C-84  
ACO-1 Well History

Perforation Record (continued)

2 spf	3324-26	500 gal. 15% mud acid
4 spf	3256-60; 3268-72	2000 gal. 15% non E w/perf balls
4 spf	3204-08	500 gal. 15% mud acid; 2000 gal. 28% non E
2 spf	3142-44	250 gal. 15% mud acid
	3414-18; 3422-24	squeezed off w/100 sacks common
4 spf	3414-18	reperforate; 500 gal. INS 15%
2 spf	3417-30	side winder shots

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Wichita, Kansas

EMPHASIS OIL OPERATIONS

P. O. BOX 506  
RUSSELL, KS 67665

DRILLERS LOG

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

CONTRACTOR: Emphasis Oil Operations  
P. O. Box 506  
Russell, KS 67665

LEASE: MCR Funk WELL: #1C-84

LOCATION: SE NW SE  
Section 31-15S-15W  
Russell County, Kansas

ROTARY TOTAL DEPTH: 3500'

LOG TOTAL DEPTH: 3497'

ELEVATION: 1906' K.B.

COMMENCED: 11-17-84

DATE COMPLETED: 11-23-84

CASING: 8 5/8" @ 501' with 240 sks cement  
4 1/2" @ 3499' with 150 sks cement

STATUS: Oil Well

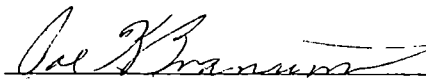
DEPTHS & FORMATIONS

(All measurements from K.B.)

Top Soil & Sand	30'	Shale	1774'
Sand & Shale	125'	Shale & Lime	2955'
Sand	220'	Lime & Shale	3377'
Clay & Shale	380'	Lime & Shale	3463'
Shale	830'	Lime & Chert	3485'
Redbed	987'	Lime (RTD)	3500'
Anhydrite	1017'		

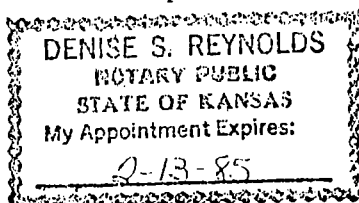
STATE OF KANSAS )  
) ss:  
COUNTY OF RUSSELL)

Joe K. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

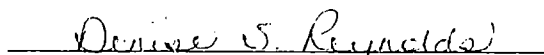
  
Joe K. Branum

Subscribed and sworn to before me this 28th day of November, 1984.

My Commission Expires: February 13, 1985



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OCT 9 1985  
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Wichita, Kansas

  
Denise S. Reynolds, Notary Public