

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 Waiichita, KS 67204

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

Contractor: license # 6033  
name Murfin Drilling Co.

Wellsite Geologist Don V. Rider  
Phone 316-838-9069

Date of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 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  
7/6/84 7/16/84 8/13/84  
Spud Date Date Reached TD Completion Date

LTD 4732 4685'  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 319 feet

Multiple Stage Cementing Collar Used?  Yes  No

Yes, Show Depth Set feet

If alternate 2 completion, cement circulated from surface feet depth to 319 w/ 200 Comm Sun SX cmt

*use line log received*

TUBING RECORD size 2 3/8" set at 4685' packer at		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First Production 9/1/84	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
	1 Bbls	MCF	Bbls
			Gas-Oil Ratio
			CFPB
			Gravity

Disposition of gas:  vented  sold  used on lease

METHOD OF COMPLETION

open hole  perforation  
 other (specify)  
 Dually Completed.  
 Comminated

PRODUCTION INTERVAL

4612-16'  
ALL ZONES

County Logan  
SW NE Sec 19 Twp 11S Rge 32 West

3300 Ft North from Southeast Corner of Section  
1980 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

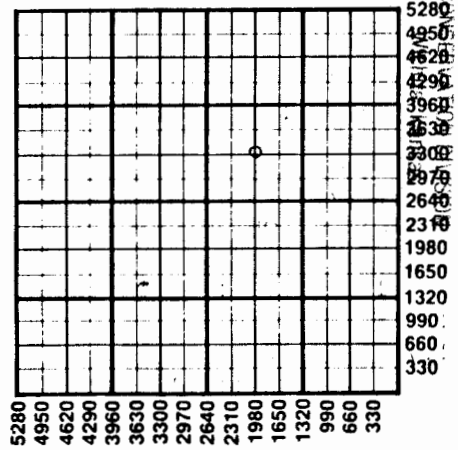
Lease Name Depperschmidt Well# 1-84

Field Name Wildcat

Producing Formation Johnson

Elevation: Ground 3077 KB 3082

Section Plat



OCT 11 1984

WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #

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

Surface Water Ft North From Southeast Corner and Ft West From Southeast Corner Sec Twp Rge East West

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

Disposition of Produced Water:  Disposal  Repressuring

Docket #

101019

**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	2580	+ 502
Heebner	4014	- 932
Toronto	4036	- 954
Lansing	4058	- 976
Base K.C.	4336	-1254
Marmaton	4375	-1293
Pawnee	4477	-1395
Fort Scott	4515	-1433
Cherokee	4534	-14
Johnson Zone	4610	-1528
Mississippi	4682	-1600
RTD	4730	-1648
LTD	4732	-1650

DST #1 4122-4176:  
 Zones Tested: E, F, G Zones of K.C.  
 Testing Times: 30-60-30-60  
 Recovery: 920' Muddy water  
 IBHP: 1305#  
 FBHP: 1286#  
 Flow Pressures: 125-259, 298-403#

DST #2 4242-4270:  
 Zones Tested: J Zone of K.C.  
 Testing Times: 45-60-45-60  
 Recovery: 150' GIP, 105' DCM-38% gas, 25% oil, 27% mud, 10% water, 45' SOCM  
 ISIP: 1181#  
 FSIP: 1171#  
 Flow Pressures: 86-115, 125-125

DST #3 4586-4620:  
 Zones Tested: Johnson Zone  
 Testing Times: 30-30-45-60  
 Recovery: 118' HOCM-5% gas, 45% oil, 47% mud, 3% water  
 IBHP: 836#  
 FBHP: 951#  
 Flow Pressures: 86-105, 96-115#

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"	20#	319	Sun	200sks	Cal.Cl./Amon.Cl.
Production	7 7/8"	4 1/2"	10.5#	4720.25'	Sure-Fill	175 sks	Cal.Cl./Gel/Gyp S. & B-J Mud Sweep
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	4612-16			250gal. 15% MCA ... 4,000gal. MOD. 202			
4spf	4420-24			250gal MCA 15% ... 2500gal MOD. 202			
4spf	4263-66			250gal MCA 15%			
4spf	4212-16 (H zone)			500gal MCA 15%			

Notary Public \_\_\_\_\_  
 Date Commission Expires ..October..1, 1988

State Geologist & Director

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# WELL LOG

MID CONTINENT RESOURCES, INC.

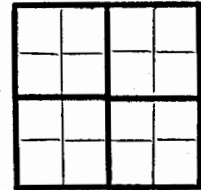
~~3301 Country Lane~~ 2805 Bentbay Circle  
~~Wichita, KS 67201~~ Wichita, KS 67204  
FARM DEPPERSCHMIDT NO. 1-84

SEC. 19 T. 11S R. 32W  
LOC. C SW NE

RIG. NO. 21  
TOTAL DEPTH 4730'  
COMM. 7-6-84 COMP. 7-16-84

COUNTY Logan  
KANSAS

CONTRACTOR MURFIN DRILLING COMPANY  
250 N. Water, Suite 300  
Wichita, KS 67202



CASING  
20 10  
15 8 -5/8" csg set @ 319' w/200 sx Common Sunset  
12 6  
13 5

PRODUCTION

4-1/2" csg set @ 4715' w/175 sx Surfll + 500 gal BJ Mudsweed  
FIGURES INDICATE BOTTOM OF FORMATIONS

Soil & Shale	320'
Shale	2585'
Anhydrite	2620'
Shale	3770'
Lime & Shale (RTD)	4730'

CONSERVATION DIVISION  
Wichita, Kansas

OCT 11 1984

Wichita, Kansas