

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 # 5205
Name Mid-Continent Energy Corporation
Address 120 S. Market, Suite 310
Wichita, KS 67202
City/State/Zip

Purchaser Inland Crude & Central States
Inland Crude: 200 Douglas Bldg. - Wichita,
Central States: 1700 Lincoln, Ste. 4400,
Denver, CO 80203
Operator Contact Person Bradley R. Ruebler
Phone 316-265-9501

Contractor: License # 5418
Name Allen Drilling Company

Wellsite Geologist Doug McGuinness
Phone 316-267-6065

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 Mid-Continent Energy Corp.
Well Name Parr #2
Comp. Date 1/27/85 Old Total Depth 4664'

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
1/15/85 1/27/85 1/27/85
Spud Date Date Reached TD Completion Date
4664' -----
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 329 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. 15-007-21,995-0000

County Barber

NE NW SE Sec. 22 Twp. 31 Rge. 13 East West

2310 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

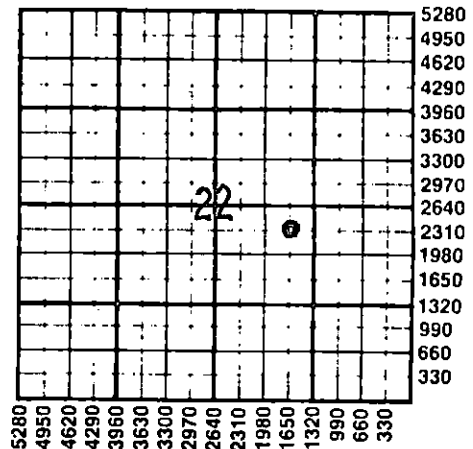
Lease Name Parr Well # 2

Field Name Nurse

Producing Formation Viola
KS

Elevation: Ground 1601 KB 1606

Section Plat



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) Clifton Mills-Lake City, KS 67071
(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 Kent R. Roberts
Title Petroleum Geologist Date 12-3-85

Subscribed and sworn to before me this 3rd day of December 1985.
Notary Public Mary Kathleen Bachman

Date Commission Expires
Mary Kathleen Bachman
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 12-17-86

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)

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DEC 6 1985 Form ACO-1 (7-84)

Sec 22 Twp 31 Rge 13

SIDE TWO

Operator Name Mid-Continent Energy Corporation Lease Name Parr Well # 2

Sec. 22 Twp. 31 Rge. 13 East West County Barber

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

Refer to attached page.

Name	Top	Bottom
Indian Cave	2630	-1024
Topeka	3360	-1760
Heebner	3542	-1936
Up. Douglas Sand	3609	-2003
Lansing	3673	-2070
Mississippi	4230	-2624
Kinderhook Shale	4371	-2765
Viola	4454	-2848
Simpson	4563	-2957
Arbuckle	4661	-3055
L.T.D.	4666	-3060

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 1/2"	8-5/8"	24#	329	60/40 PDZ	220	2% gel..3% CC
Production	7-7/8"	4 1/2"	10#	4661	Glass A	300	500 gal..BJ
					Surefill w/ Friction Reducer		Mud sweep
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
2	3774'-3782' squeezed perfs			500 gal..15% mud acid		3774-3782	
4	4458-4462			Frac. w/ 350 gal..28%..7500# 20/40 sand, 200,00 CF of Nitrogen		4458-4462	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size 2-3/8"		Set At 4450'		Packer at 4425'			
Date of First Production		Producing Method <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	
5-10 Bbls		120 MCF		Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify) 4458-4462'
 Dually Completed
 Conmingled



MID-CONTINENT ENERGY Corporation

120 Building • Suite 712 • 120 S. Market • Wichita, Kansas 67202 • (316) 265-9501

WELL NAME: Parr #2

Location: NE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 22-T31S-R13W
Barber Co., KS

API #15-007-21,995

Drill Stem Tests Taken:

DST #1: 2818'-35' (Indian Cave); 30"-30"-60"-60"; wk. increasing to gd. blow; Rec. 40' mdy. wtr. + 150' wtr.; SIP=1004-1014.

DST #2: 3364-3380 (Topeka); Misrun (tool plugged); 30"-30"-60"-60".

DST #3: 3364-3380 (Topeka) Misrun (tool plugged)

DST #4: 3363-3380 (Topeka) 30"-30"-30"-30"; very wk. blow; Rec. 30' mud; FP=35-35, SIP=35-35; BHT=113°.

DST #5: 3602-3615 (Upper Douglas Sand); 30"-30"-30"-30"; Fr. increasing to gd. blow; Rec. 30' mud; FP=11-11 & 23-23; SIP=869-811.

DST #6: 3664-3685 (Lower Douglas Sand); 30"-30"-60"-60"; GTS 15" into 2nd open; Gauge 17.2 MCF dec. to 14.4 MCF in 30" & stab.: Rec. 40' SOGCM (5% oil) + 120' OGCWM (15% oil + 20% wtr.) + 60' SOGCM (5% oil) + 120' SW w/scum oil (87,000 ppm.); 340' Total Fluid; FP=40-40 & 91-132; SIP=1277-1317; BHT=116°.

DST #7: 3770-3785 (Lansing "B") 30"-30"-60"-60"; GTS 9" = 55.2 MCF decr. to 44.8 during 2nd open; Rec. 50' GMO (80% oil) + 650' CGO + 10' wtr.; 710' Total Fluid; (oil 32°, wtr. 43,000 ppm.); FP=60-71 & 132-193; SIP=1317-1317
BHT=116°

DST #8: 3950-3960 (Lansing "I") 30"-30"-60"-60"; GTS 5"; 55.2 MCF in 70"; Rec. 70' oil & GCWM (15% oil, 20% wtr.) + 120' oil and GCW (5% oil, 80% wtr.) + 60' SW (250' Total Fluid); 110,000 ppm.; FP=50-50 & 71-101; SIP=1307-1196; BHT=119°.

DST #9: 4050-4065 (Lansing "K") 30"-30"-60"-60"; Strg. blow; Rec. 65' oil and GCM (25% oil) + 60' oil and GCMW (5% oil, 70% wtr.) + 210' SW (112,000 ppm.) 245' Total Fluid; FP=40-40 & 81-101; SIP=1348-1398; BHT=120°.

DST #10: 4457-4469 (Viola); 30"-30"-60"-60"; GTS 10", stabilized @ 56.8 MCF in 60"; Rec. 30' GCM; FP=23-23 & 23-23; SIP=1439-1439; BHT=124°.

DST #11: 4573-4590 (Simpson Sand); 30"-30"-30"-30"; very wk. blow; 5' mud; FP=11=11 & 11-11; SIP=23-11; BHT=125°.

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