

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  
City/State/Zip Wichita, KS 67202

Purchaser.....

Operator Contact Person Bradley B. Buehler  
Phone (316) 265-9501

Contractor: License # 5418  
Name Allen Drilling, Rig #5

Wellsite Geologist Douglas H. McGinness  
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 OWO: old well info as follows:  
Operator .....  
Well Name .....  
Comp. Date ..... Old Total Depth.....

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

12/30/85 1/9/86 1-9-86  
Spud Date Date Reached TD Completion Date  
4,666' .....  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 219 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. 15-007-22-108-00-00

County Barber

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

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

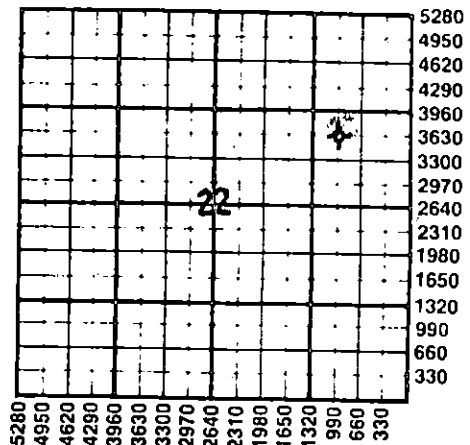
Lease Name Packard Well # 5

Field Name Nurse

Producing Formation.....

Elevation: Ground 1589 KB 1594

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) Jim Packard  
(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 Wichita, Kansas

Title Kent R. Roberts - Geologist Date 2-21-86

Subscribed and sworn to before me this 21st day of February 1986

Notary Public Mary Kathleen Bachman

Date Commission 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)  
RECEIVED  
STATE CORPORATION COMMISSION  
FORM ACO-1 (7-84)

FEB 24 1986

Sec. 22 Rge. 13 Twp. 31

SIDE TWO

Operator Name Mid-Continent Energy Corporation Lease Name Packard Well # 5

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

DST #1: 3762-3785; 30-30-30-45. Rec. 2250'  
 SW (115,000 ppm); FP= 167-669/ 727-1015, SIP= 1434-1434.  
 DST #2: 4210-4226; 30-30-45-45. Rec. 1364' GIP  
 80' O & GCM, 60' O & GCWM, 60' Gsy wtr., 78,000 ppm. FP= 52-52/ 62-72, SIP= 416-343.  
 DST #3: 4448-4463; 30-30-60-60. Rec. 240' GIP,  
 32' GCM. FP= 52-31/ 32-31, SIP= 883-883.  
 DST #4: 4535-4555; 30-30-60-60. Rec. 25' mud.  
 FP= 10-20/ 52-52, SIP= 1037-1142.

Name	Top	Bottom
Onaga	2611	-1017
Wabaunsee	2664	-1070
Heebner	3538	-1944
Lansing	3718	-2124
B/ Kansas City	4170	-2576
Mississippi	4214	-2620
Kinderhook	4358	-2764
Viola	4440	-2846
Simpson Dolomite	4541	-2947
Arbuckle	4640	-3046
T.D.	4666	-3072

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#	219'	Class A	150	3% CC 2% gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First Production	Producing Method						
	<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  Open Hole  Perforation  Other (Specify) .....

Disposition of gas:  Vented  Sold  Used on Lease

