

Ind ✓ P

SIDE ONE

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. Ruchler
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 ONWO: 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' PBTB
Total Depth

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
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)

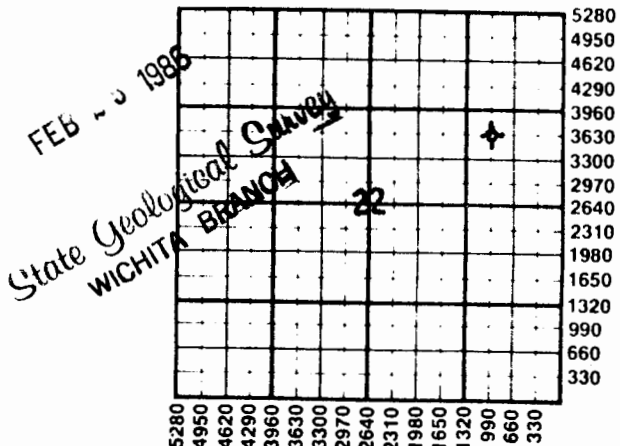
Lease Name Packard Well # 5

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.

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 New 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 Size Set At Packer at Liner Run Yes No

Date of First Production Producing Method Flowing Pumping Gas Lift Other (explain)