

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 # 4549  
Name Anadarko Petroleum Corporation  
Address Box 351  
City/State/Zip Liberal, Kansas 67901

Purchaser: Cimarron River System  
Liberal, Kansas

Operator Contact Person Paul Gatlin  
Phone (316) 624-6253

Contractor: License # 7860  
Name Johnson Drilling Company, Inc.

Wellsite Geologist H. D. Nichols  
Phone (316) 624-7134

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

8/13/85 8/27/85 9/26/85  
Spud Date Date Reached TD Completion Date  
6775 6570  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1610 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. 19-175-20869-00-00

County Seward

C NE NE Sec 27 Twp 34S Rge 34  East  West

4620 Ft North from Southeast Corner of Section  
660 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

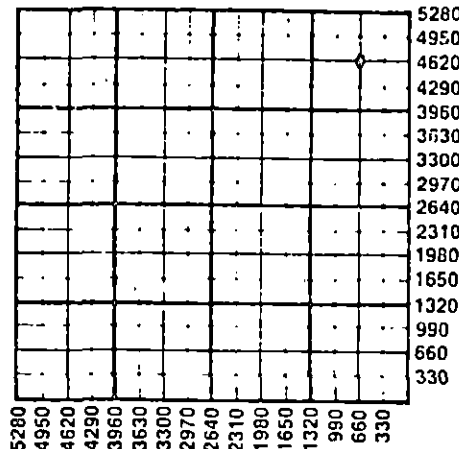
Lease Name Lenahan "A" Well # 2

Field Name Adamson ARCHER

Producing Formation St. Louis

Elevation: Ground 2912 KB 2922

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 # T85-729

Groundwater 4720 Ft North from Southeast Corner  
(Well) 560 Ft West from Southeast Corner of  
Sec 27 Twp 34S Rge 34  East  West

Surface Water.....Ft North from Southeast Corner  
(Stream, pond etc).....Ft West from Southeast Corner  
Sec Twp Rge  East  West

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

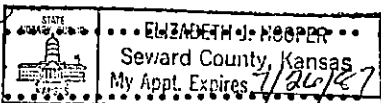
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.

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 Paul Campbell  
Title Division Production Manager Date 9/27/85

Subscribed and sworn to before me this 17th day of October 1985  
Notary Public Elizabeth J. Hooper  
Date Commission Expires 7/26/87



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

Sec 27 Twp 34S Rge 34

SIDE TWO

Operator Name Anadarko Petroleum Corporation Lease Name Lenahan "A" Well # 2

Sec. 27 Twp. 34S Rge. 34  East  West County Seward

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 6465-6595 (St. Louis), Packer failure.

Dresser Atlas ran Dual Induction Focused Log, Gamma Ray, Compensated Densilog, Compensated Neutron, Gamma Ray.

Name	Top	Bottom
Surface, Clay & Sand	0'	376'
Sand, Redbed & Shale	376'	1600'
Anhydrite	1600'	1615'
Shale	1615'	2683'
Lime & Shale	2683'	6775'

RELEASED

MAR 15 1988

FROM CONFIDENTIAL

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"	24	1610	Pozmix	750	3% CaCl
Production	7-7/8"	4-1/2"	11.6	6773	Pozmix	200	10% Salt
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	6621-28, 6632-36			A/1400 gal 15% MCA		6621-36	
2	6582-87			A/625 gal 15% MCA		6582-87	
2	6518-26			A/1000 gal 15% MCA		6518-26	
2	6488-92			A/500 gal 15% MCA		6488-92	
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2-3/8"	6470	---			
Date of First Production		Producing Method					
SI WOPL		<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	
→		-- bbls	415 MCF	-- bbls	-- CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 6488- 6526  
 Used on Lease .....  
 Dually Completed .....  
 Commingled .....

# JOHNSON *Drilling Company, Inc.*



OFFICES IN  
EVANSVILLE, INDIANA  
TEL. (812) 428-4911  
OKLAHOMA CITY, OKLAHOMA  
TEL. (405) 943-7667

REPLY TO:

**CONFIDENTIAL.** 3535 N. W. 58th - Suite 710  
Oklahoma City, Oklahoma 73112

September 3, 1985

Anadarko Petroleum Corporation  
P. O. Box 351  
Liberal, Kansas 67901

Attn: Mr. Paul Gatlin

OCT 07 1985

State Geological Survey  
WICHITA BRANCH

DRILLERS LOG for:

Lenehan "A" # 1  
Section 27-34S-34W  
Seward County, Kansas

C NENE

0' - 376'  
376' - 1600'  
1600' - 1615'  
1615' - 2683'  
2683' - 6775'

Surface, Clay, & Sand  
Sand, Redbed, & Shale  
Anhydrite  
Shale  
Lime & Shale

JOHNSON DRILLING COMPANY, INC.

Signed by: Claude D. Moore  
Claude D. Moore, Manager

RECEIVED  
STATE CORPORATION COMMISSION

STATE OF OKLAHOMA:

OCT 7 1985

COUNTY OF OKLAHOMA:

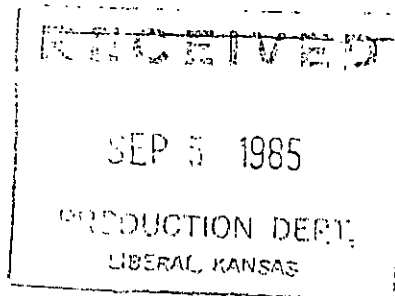
CONSERVATION DIVISION  
Wichita, Kansas

Subscribed and sworn to before me this 3rd day of September, 1985.

Barbara A. Fry Notary Public

My Commission Expires:

October 24, 1988



RELEASED

JUL 13 1988

FROM CONFIDENTIAL