

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 Corp.  
Address P. O. Box 351  
City/State/Zip Liberal, Kansas 67905

Purchaser ANTICIPATED: PANHANDLE  
EASTERN PIPELINE COMPANY

Operator Contact Person M. L. Pease  
Phone (316) 624-6253

Contractor: License # 5842  
Name Gabbert-Jones, Inc.

Wellsite Geologist Ed Nichols  
Phone (316) 624-2623

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If ONWG: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
..12/4/87.. ..12/15/87... ..1/20/88...  
Spud Date Date Reached TD Completion Date  
6730 6573  
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 1636 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  
Cement Company Name  
Invoice #

API NO. 15-175-20,988  
County Seward  
C SE/4 NE/4 Sec. 27 Twp. 34S Rge. 34 East  
3300 Ft North from Southeast Corner of Section  
660 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

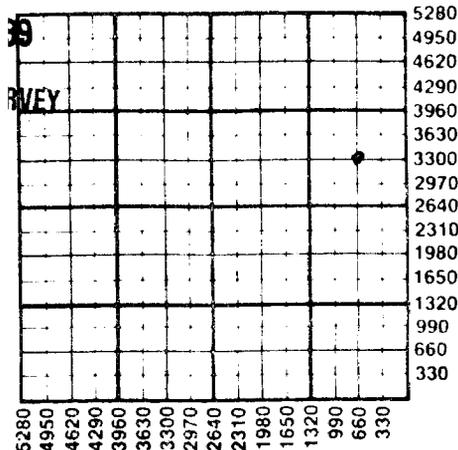
Lease Name LENEHAN "A" Well # 3

Field Name Adamson

Producing Formation St. Louis

Elevation: Ground 2906' KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket # CD-18119  Repressuring

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) Drilling contractor furnished wtr.  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 M. L. Pease  
Title Division Production Manager Date 2/29/88

Subscribed and sworn to before me this 10th day of March 1988  
Notary Public Glenna S. Salley

GLENN A. SALLEY  
NOTARY PUBLIC  
STATE OF KANSAS  
APPT. EXPIRES 1-6-91

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)  
APR 7 1988

Sec 27 Twp 34 Rge 34

Operator Name Anadarko Petroleum Corporation Lease Name LENEHAN "A" Well # 3

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

Attempted core @ 6513', core barrel stuck, recovered 0' core

Name	Top	Bottom
Surface Clay, Sand	0'	119'
Sand	119'	702'
Redbed	702'	1133'
Glorietta Sand	1133'	1270'
Redbed	1270'	1637'
Redbed, Anhy	1637'	1895'
Shale	1895'	2695'
Lime, Shale	2695'	2940'
Lime	2940'	3440'
Lime, Shale	3440'	3635'
Lime	3635'	4030'
Lime, Shale	4030'	4181'
Lime	4181'	4366'
Lime, Shale	4366'	4695'
Lime	4695'	4887'
Lime, Shale	4887'	5155'
Lime	5155'	5315'
Lime, Shale	5315'	5550'
Lime	5550'	5662'
Lime, Shale	5662'	5975'

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"	24	1636	50/50POZ	550	4% gel, .2% CC
Production	7-7/8"	5-1/2"	15.5	6728	Common	200	.2% CC
					JWL	100	1/4# Flo-seal
					50/50POZ	100	10% salt, 1/4# Flo-seal

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	6629-31, 6634-37	CIBP @ 6620	6629-31
2	6580-88	CIBP @ 6573	6634-37
2	6550-54	400 gal 15% MCA	6580-88
2	6530-38		6550-54
			6530-38

TUBING RECORD Size 2-3/8 Set At 6520 Packer at -- Liner Run  Yes  No

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

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	11 Bbls	310 MCF	21 Bbls	28200 CFPB	39.4

METHOD OF COMPLETION Production Interval

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

*Attachment*

*LENEHAN "A" No. 3  
Formation Description  
(Continued)*

<i>Name</i>	<i>Top</i>	<i>Bottom</i>
<i>Lime</i>	<i>5975'</i>	<i>6090'</i>
<i>Lime, Shale</i>	<i>6090'</i>	<i>6225'</i>
<i>Lime</i>	<i>6225'</i>	<i>6345'</i>
<i>Lime, Shale</i>	<i>6345'</i>	<i>6513'</i>
<i>Core #1 (Lime, Shale)</i>	<i>6513'</i>	<i>6545'</i>
<i>Lime</i>	<i>6545'</i>	<i>6660'</i>
<i>Lime, Shale</i>	<i>6660'</i>	<i>6730'</i>
<i>TD</i>		<i>6730'</i>

GABBERT-JONES, INC.  
WICHITA, KS.

DRILLERS' WELL LOG

LENEHAN "A" #3  
C SE NE Sec. 27-34S-34W  
Seward County, Kansas

COMMENCED: 12-4-87  
COMPLETED: 12-19-87  
OPERATOR: ANADARKO PETROLEUM CORPORATION

DEPTH		Formation	Remarks
From	To		
0	119	Surface Clay-Sand	
119	702	Sand	
702	1133	Redbed	Ran 39 jts of 24# 8 5/8"
1133	1270	Glorita Sand	csg set @ 1636' w/550 sks
1270	1637	Redbed	Posmix - 4% Gel - 2% CC
1637	1895	Redbed-Anhy	+200 sks Common - 2% CC
1895	2695	Shale	PD @ 9:30 AM 12-5-87
2695	2940	Lime-Shale	
2940	3440	Lime	
3440	3635	Lime-Shale	Ran 186 jts of 15 1/2# 5 1/2
3635	4030	Lime	csg set @ 6728' w/100
4030	4181	Lime-Shale	sks Lit - 1/2# Floseal
4181	4366	Lime	pr sack - 100 sks 50/50
4366	4695	Lime-Shale	Posmix - 10% salt -
4695	4887	Lime	1/4# Floseal per sack
4887	5155	Lime-Shale	PD @ 5:45 PM 12-19-87
5155	5315	Lime	
5315	5550	Lime-Shale	
5550	5662	Lime	
5662	5975	Lime-Shale	
5975	6090	Lime	
6090	6225	Lime-Shale	
6225	6345	Lime	
6345	6513	Lime-Shale	
6513	6545	Core #1 (Lime-Shale)	
6545	6660	Lime	
6660	6730	Lime-Shale	
6730 TD			

STATE OF KANSAS )  
COUNTY OF SEDGWICK )

I, the undersigned, being duly sworn on oath, state that the above Drillers' Well Log is true and correct to the best of my knowledge and belief and according to the records of this office.

GABBERT-JONES, INC.

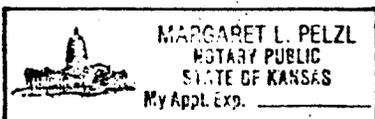
*James S. Sutton, II*  
James S. Sutton, II, President

Subscribed & sworn to before me this

CAL SURVEY  
MANION

MAR 21 1988

*Margaret L. Pelzl*  
Margaret L. Pelzl



My Commission expires 1-18-89