

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-175-20,988-06-00
County Seward
C SE/4 NE/4 Sec. 27 Twp. 34S Rge. 34 East West

Operator: License # 4549
Name Anadarko Petroleum Corp.
Address P.O. Box 351
City/State/Zip Liberal, Kansas 67905

3300 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser ANTICIPATED: PANHANDLE
EASTERN PIPELINE COMPANY

Lease Name LENEHAN "A" Well # 3

Field Name Archer

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

Producing Formation St. Louis

Elevation: Ground 2906' KB

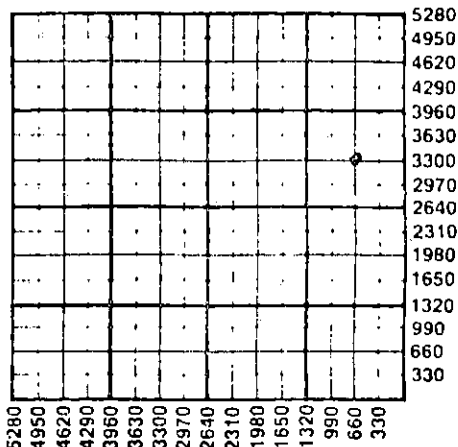
Contractor: License # 5842
Name Gabbert-Jones, Inc.

Wellsite Geologist Ed Nichols
Phone (316) 624-2623

Designate Type of Completion
X New Well Re-Entry Workover
Oil SWD Temp Abd
X 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

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: X Disposal
Docket # CP-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

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

WELL HISTORY
Drilling Method: X 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 PBTD
Amount of Surface Pipe Set and Cemented at 1636 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt
Cement Company Name
Invoice #

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 S. SALLEY
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 1-6-91

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)
3-7-1988
3-27-1988 Form ACO-1 (5-86)

Sec 27 Twp 34S Rge 34E

SIDE TWO

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'

RELEASED

APR 17 1969

FROM CONFIDENTIAL

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
					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)

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

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FROM CONFIDENTIAL

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STATE CORPORATION COMMISSION
MAR 14 1969
CONSERVATION DIVISION
Wichita, Kansas

RECEIVED
STATE CORPORATION COMMISSION

MAR 14 1969

CONSERVATION DIVISION
Wichita, Kansas

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

From	To	Formation	Remarks
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	

RELEASED

APR 17 1989

FROM CONFIDENTIAL

6730 TD

STATE OF KANSAS)
) I, the undersigned, being duly sworn on oath, state that
COUNTY OF SEDGWICK) 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.

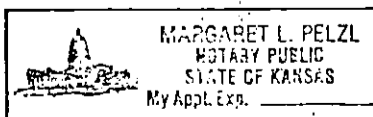
[Signature]
James S. Sutton, II, President

Subscribed & sworn to before me this

MAR 21 1988

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

[Signature]
Margaret L. Pelzi



My Commission expires 1-18-89