

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: ANADARKO TRADING COMPANY

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: NA

License: NA

Wellsite Geologist: NA

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: ANADARKO PETROLEUM CORPORATION

Well Name: LENEHAN "A" NO. 3

Comp. Date 1/29/88 Old Total Depth 6730'

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

8/13/96 NA 8/21/96
Spud Date **OF START** Date Reached TD **Completion Date of**
OF WORKOVER **WORKOVER**

API NO. 15- 175-20988-0001

County SEWARD

C SE NE Sec. 27 Twp. 34S Rge. 34 X W

3300 Feet from S/N (circle one) Line of Section

660 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE NW or SW (circle one)

Lease Name LENEHAN "A" Well # 3

Field Name ADAMSON

Producing Formation ST. LOUIS

Elevation: Ground 2906' KB --

Total Depth 6730' PBTD 6573'

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 II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan REWORK 9/16 10-22-96
(Data must be collected from the Reserve Pit)
NOT APPLICABLE

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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.

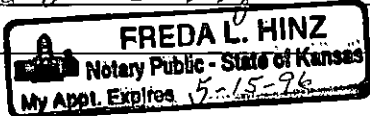
Signature John M. Dolan
JOHN M. DOLAN

Title SENIOR TECHNICAL ASSISTANT Date 9/15/96

Subscribed and sworn to before me this 5th day of September 1996.

Notary Public Freda L. Hinz

Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
RECEIVED
STATE CORPORATION COMMISSION
SEP 19 1996
9-9-1996
Distribution
SWD/Rep NGPA
Plug Other (Specify)

CONFORM TO FORM ACO-1 (7-91)
WICHITA KANSAS

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name LENEHAN "A" Well # 3

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

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	SEE ORIGINAL ACO-1 (ATTACHED)	
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
List All E.Logs Run:			

**** Original Completion 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"	24.0	1636'	50/50 POZ COMMON	550 200	4% GEL, 2%CC 2%CC
** PRODUCTION	7-7/8"	5-1/2"	15.5	6728'	LWL 50/50 POZ	100 100	1/2# FLO 10% SALT, 1/4# FLO

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
___ Perforate					
___ Protect Casing					
___ Plug Back TD					
___ Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
		2	PERF 6508-6516, 6520-6526 (ADDIT. PERFS TO ST. LOUIS)
2	6530'-6538' + 6550'-6554'		
2	6580'-6588'		
	CIBP @ 6573'		

TUBING RECORD	Size 2-3/8"	Set At 6555'	Packer At --	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. RESUMED ON 8/15/96 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 10 Mcf	Water 6 Bbls.	Gas-Oil Ratio --	Gravity --
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled 6508'-6554' O.A.
 Other (Specify) _____

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

WELL HISTORY

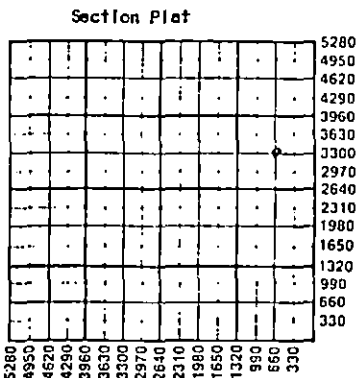
Drilling Method:
 Mud Rotary Air Rotary Cable

Spud Date 12/4/87 Date Reached TD 12/15/87 Completion Date 1/28/88
Total Depth 6730 PBTD 6573

Amount of Surface Pipe Set and Cemented at 1436 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.feet
If alternate 2 completion, cement circulated
fromfeet depth tow/.....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 West
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 LENUAN "A" Well # 3
Field Name Adams00
Producing Formation St. Louis
Elevation: Ground 290A' KB



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal Repressuring
Docket # CP-18119

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
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 slide 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 thisday of.....
19.....
Notary Public
Date Commission Expires

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
KCC SWD/Rop NGPA
KGS Plug Other
(Specify)

RECEIVED
STATE CORPORATION COMMISSION

SEP 09 1988

Operator Name Anadarko Petroleum Corporation Lease Name LENCHAN "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	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Formation Description <input type="checkbox"/> Log <input checked="" type="checkbox"/> Sample																																																															
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																																																
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																																																
Attempted core @ 6513', core barrel stuck, recovered 0' core		<table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr><td>Surface Clay, Sand</td><td>0'</td><td>119'</td></tr> <tr><td>Sand</td><td>119'</td><td>702'</td></tr> <tr><td>Redbed</td><td>702'</td><td>1133'</td></tr> <tr><td>Glorietta Sand</td><td>1133'</td><td>1270'</td></tr> <tr><td>Redbed</td><td>1270'</td><td>1637'</td></tr> <tr><td>Redbed, Anhy</td><td>1637'</td><td>1895'</td></tr> <tr><td>Shale</td><td>1895'</td><td>2695'</td></tr> <tr><td>Lime, Shale</td><td>2695'</td><td>2940'</td></tr> <tr><td>Lime</td><td>2940'</td><td>3440'</td></tr> <tr><td>Lime, Shale</td><td>3440'</td><td>3635'</td></tr> <tr><td>Lime</td><td>3635'</td><td>4030'</td></tr> <tr><td>Lime, Shale</td><td>4030'</td><td>4181'</td></tr> <tr><td>Lime</td><td>4181'</td><td>4366'</td></tr> <tr><td>Lime, Shale</td><td>4366'</td><td>4695'</td></tr> <tr><td>Lime</td><td>4695'</td><td>4887'</td></tr> <tr><td>Lime, Shale</td><td>4887'</td><td>5155'</td></tr> <tr><td>Lime</td><td>5155'</td><td>5315'</td></tr> <tr><td>Lime, Shale</td><td>5315'</td><td>5550'</td></tr> <tr><td>Lime</td><td>5550'</td><td>5662'</td></tr> <tr><td>Lime, Shale</td><td>5662'</td><td>5975'</td></tr> </tbody> </table>	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'
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CASING RECORD <input checked="" type="checkbox"/> Now <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	1636	50/50POZ	550	4% gel, 2% CC
Production	7-7/8"	5-1/2"	15.5	6728	50/50POZ	200	2% CC, 1% Floc, 1% Seal

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	6629-31, 6634-37	CIBP @ 6620	6629-31, 6634-37
2	6580-88	CIBP @ 6573	6580-88
2	6550-54	400 gal 15% MCA	6550-54
2	6530-38		6530-38

TUBING RECORD	Size <u>2-3/8</u>	Set At <u>6520</u>	Packer at <u>--</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain) <u>WOPL</u>
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Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
	11	310	21	28200	39.4

METHOD OF COMPLETION		Production Interval
Disposition of gas: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perforation <input type="checkbox"/> Other (Specify) <u>St. Louis</u>	
<input type="checkbox"/> Dually Completed <input type="checkbox"/> Conmingled		

Attachment

ORIGINAL

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

15-175-20988-0001

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'

RECEIVED
STATE CORPORATION COMMISSION

SEP 09 1996

COMM. REGISTRATION DIVISION
MICHAEL J. BRISSETT