FORM MUST BE TYPED

SIDE ONE

30-31-17W

COPY

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

API NO. 15- 033-20,142 0001

County Comanche

__ - __ - NW - NW Sec. 30 Twp. 31S Rge. 17 X E W

760 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 Burkhall "A" Well # 1

Field Name Wilmore

Producing Formation Mississippian

Elevation: Ground 2115 KB NA

Total Depth 5140 PBTD 5131

Amount of Surface Pipe Set and Cemented at 383 Feet

Multiple Stage Cementing Collar Used? __ Yes X No

If yes, show depth set __ Feet

If Alternate II completion, cement circulated from __

feet depth to __ w/ __ sx cmt.

Drilling Fluid Management Plan 6-2-93
(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. __

Operator: License # 4549

Name: Anadarko Petroleum Corp.

Address P. O. Box 351

City/State/Zip Liberal, KS 67905-0351

Purchaser: NA

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 X Workover

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

If Workover/Re-Entry: old well info as follows:

Operator: Anadarko Petroleum Corp.

Well Name: Burkhall "A" No. 1

Comp. Date 3-11-74 Old Total Depth 5140

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

NA	NA	1-20-93
Spud Date	Date Reached TD	Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 C M Stephens

C M Stephens, Jr.

Title Senior Staff Reservoir Engineer Date 5/19/93

Subscribed and sworn to before me this 19th day of May, 93.

Notary Public Kathryn A. Rowley

Date Commission Expires 8-1-96

KATHRYN A. ROWLEY
Notary Public - State of Kansas
My Appt. Expires 8-1-96

K.C.C. OFFICE USE ONLY
F __ Letter of Confidentiality Attached
C __ Wireline Log Received
C __ Geologist Report Received

RECEIVED
STATE CORPORATION COMMISSION
MAY 20 1993
CONSERVATION DIVISION
Wichita, Kansas

Distribution
✓ KCC __ SWD/Rep __ NGPA
✓ KGS __ Plug ✓ Other (Specify)

Form ACO-1 (7-91)

SIDE TWO

Operator Name Anadarko Petroleum Corp. Lease Name Burkhall "A" Well # 1

Sec. 30 Twp. 31S Rge. 17 ☐ East ☒ West County Comanche

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giv 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.)	☐ Yes	☒ No
Samples Sent to Geological Survey	☐ Yes	☒ No
Cores Taken	☐ Yes	☒ No
Electric Log Run (Submit Copy.)	☐ Yes	☒ No

List All E.Logs Run:

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Heebner	4262'	
Toronto	4274'	
Lansing	4442'	
B/Kansas city	4875'	
Marmaton	4930'	
Missippian	5074'	

CASING RECORD ☒ New ☐ Used Original Completion

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	18	383	Common	350	3% CC
Productin	7 7/8	4 1/2	10.5	5138	Salt Sat Poz	130	0.5% CFR-1 & 1/8# TUF fiber cmt

ADDITIONAL CEMENTING/SQUEEZE RECORD

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforetad	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4940-4950	Acidize w/1600 gals 28% HCL	4940-4950
	Cmt Ret set @ 5000'	& NE additives & 48 bs	
		Frac w/26,000 gals gelled	4940-4950
		diesel & 60,800# 16/30 SD.	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	4929	NA	☐ Yes ☒ No

Date of First, Resumed Production, SWD or Inj.	Producing Method
1-20-93	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravi
	1.0	19	12	19,000	43.4

Disposition of Gas:

☐ Vented ☐ Sold ☒ Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled

☐ Other (Specify) _____

Production Interval

4940-4950