

FORM MUST BE TYPED

SIDE ONE

COPY

23-345-34 W

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

Operator: License # 4549Name: ANADARKO PETROLEUM CORPORATIONAddress P. O. BOX 351City/State/Zip LIBERAL, KANSAS 67905-0351Purchaser: ANADARKO TRADING COMPANYOperator Contact Person: J. L. ASHTONPhone (316) 624-6253Contractor: Name: NALicense: NAWellsite Geologist: NA

Designate Type of Completion

 New Well Re-Entry X Workover

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

If Workover:

Operator: ANADARKO PETROLEUM CORPORATIONWell Name: UNDERWOOD "A"Comp. Date 5-10-79 Old Total Depth 6670

 Deepening X Re-perf. Conv. to Inj/SWD
 X Plug Back 6405' PBTD
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

7-29-96 NA 8-22-96
 Date OF START Date Reached TD Completion Date OF
 OF WORKOVER WORKOVER

API NO. 15- 175-20,400-0001County SEWARD - C - SW - SW Sec. 23 Twp. 34 S Rge. 34 X W 660 Feet from S (circle one) Line of Section660 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or S (circle one)Lease Name UNDERWOOD "A" Well # 1Field Name ADAMSONProducing Formation L. MORROWElevation: Ground 2912 KB -- Total Depth 6670 PBTD 6405Amount of Surface Pipe Set and Cemented at 1632 FeetMultiple Stage Cementing Collar Used? Yes X NoIf yes, show depth set FeetIf Alternate II completion, cement circulated from feet depth to W/ SX cmt.Drilling Fluid Management Plan REWORK JR 1-7-97
(Data must be collected from the Reserve Pit)
NOT APPLICABLEChloride content ppm Fluid volume bblsDewatering method used Location of fluid disposal if hauled offsite: Operator Name Lease Name License No. Quarter Sec. Twp. S. Rng. E/WCounty 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. DolanTitle SENIOR TECHNICAL ASSISTANT Date 12/27/96Subscribed and sworn to before me this 27th day of December 19 96.Notary Public Freda L. HinzDate Commission Expires

 **FREDA L. HINZ**
Notary Public - State of Kansas
My App. Expires 5-15-99

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

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

Form ACO-1 (7-91)

W 115 212 .85

SIDE TWO

235912

Operator Name ANADARKO PETROLEUM CORPORATIONLease Name UNDERWOOD "A"Well # 1Sec. 23 Twp. 34 S Rge. 34☐ EastCounty SEWARD☒ West**Computer Inventoried**

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
 (Attach Additional Sheets.)

 Samples Sent to Geological Survey ☐ Yes ☒ No

 Cores Taken ☐ Yes ☒ No

 Electric Log Run ☐ Yes ☒ No
 (Submit Copy.)

List All E.Logs Run:

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

Name Top Datum

(SEE ORIGINAL DRILLERS LOG ATTACHED)

** 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	1632	POZMIX COMMON	650 200	4% GEL 2% CaCL 3% CaCL
** PRODUCTION	7-7/8"	5-1/2"	15.5	6668	LITEWATE POZMIX	200 150	.05% CFR-2

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top 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 Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	DUMPED 2 SX CMT ON CIBP @ 6405' (SET 11/18/83)		
2	PERF 6088-6098 (L. MORROW)	ACIDIZED W/ 1000 GALS. 7.5% HCL FRAC W/ 28,000 GAL 70 Q 40# GEL + 85,020# 20/40 SNO	6088-6098'
2	6455'-6466'		
TUBING RECORD	Size 2-3/8 Set At 6056 Packer At --	Liner Run ☐ Yes ☒ No	
Date of First, Resumed Production, SWD or Inj. 8-16-96 - RESUMED	Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)		
Estimated Production Per 24 Hours	Oil 0 Bbls. Gas 93 Mcf Water 0 Bbls. Gas-Oil Ratio 0 Gravity		

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 6088-6098
☐ Other (Specify) _____