

ORIGINAL

FORM MUST BE TYPED

SIDE ONE.

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: UNDERWOOD "A"
Comp. Date 5-10-79 Old Total Depth 6670
 Deepening Re-perf. Conv. to Inj/SWD
 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- 175-20,400-0001
County SEWARD
- C - SW - SW Sec. 23 Twp. 34 S Rge. 34 E W
660 Feet from 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 S (circle one)
Lease Name UNDERWOOD "A" Well # 1
Field Name ADAMSON
Producing Formation L. MORROW
Elevation: Ground 2912 KB --
Total Depth 6670 PBTC 6405
Amount of Surface Pipe Set and Cemented at 1632 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 9/8 1-7-97**
(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 6-6-97
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 confidentialia. 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 12/27/96
Subscribed and sworn to before me this 27th day of December
19 96.
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
J KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

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

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name UNDERWOOD "A" Well # 1

Sec. 23 Twp. 34 S Rge. 34 East West County SEWARD

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 DRILLERS LOG ATTACHED)	
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
List All E.Logs Run:			

** Original Completion CASING RECORD <input type="checkbox"/> New <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"	24.0	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		#Sacks Used	Type and Percent Additives
	Top	Bottom		
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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 SMD		6088-6098'
2	6455'-6466'				
TUBING RECORD	Size 2-3/8	Set At 6056	Packer At --	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Inj. 8-16-96 - RESUMED		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 93 Mcf	Water 0 Bbls.	Gas-Oil Ratio 0	Gravity

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: 6088-6098

ANADARKO PETROLEUM CORPORATION

PHONE 316 - 624 - 6253 1701 NORTH KANSAS AVE. P.O. BOX 351 LIBERAL, KANSAS 67905 - 0351



December 27, 1996

Kansas Corporation Commission
Conservation Division
Finney State Office Building
130 South Market, Rm. 2078
Wichita, Kansas 67202

Attn.: Priscilla Zadoka

Re: Workover Completion (Form ACO-1)

Underwood "A" No. 1
Sec. 23-34S-34W
Seward County, Kansas

Dear Ms. Zadoka:

Enclosed in triplicate is an affidavit of completion (KCC Form ACO-1) for the workover performed on the referenced well. This previously TA'd well was recompleted to the L. Morrow (6088'-6098'). Also enclosed is a copy of the original drillers log for this well. Please file accordingly.

If you require additional information, please contact this office at the letterhead address or call me at (316) 629-4306.

Sincerely,

John M. Dolan
Senior Technical Assistant
/sh

Enclosures

cc: Well File
Ken Lester - HGO
Manager Land Administration - HGO
WI Owners

acollet.doc

RECEIVED
KANSAS CORP COMM
1997 JAN - 6 P 1:44

KANSAS DRILLERS LOG

ORIGINAL

S. 23 T. 34S R. 34 ²⁴W

API No. 15 — 175 — 20,400
County Number

Loc. SW SW

County Seward

Operator
Anadarko Production Company

Address
P. O. Box 351 Liberal, Kansas 67901

Well No. 1 Lease Name UNDERWOOD "A"

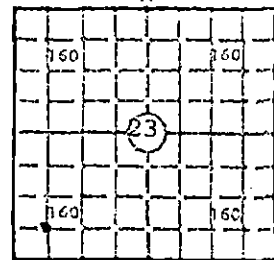
Footage Location
660 feet from (X) (S) line 660 feet from (X) (W) line

Principal Contractor Lohmann-Johnson Drlg. Co. Geologist Joe Blair

Spud Date 4/4/79 Total Depth 6670 P.B.T.D. 6632

Date Completed 5/10/79 Oil Purchaser Western Crude Oil Company

640 Acres
N



Locate well correctly
2912 ✓

Elev.: Gr.

DF KB

CASING RECORD

Report of all strings set—surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12-1/4"	8-5/8"	24#	1632	Pozmix Common	650 200	4% gel 2% CaCl 3% CaCl
Production	7-7/8"	5-1/2"	15.5#	6668	Lite-wate Pozmix	200 150	.05% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		6455-66'

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	6450'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
F/38,000 gal 40# Versa-Gel + 50,000# 20-40 sand	6455-66'

INITIAL PRODUCTION

Date of first production SI for Pipeline Connection	Producing method (flowing, pumping, gas lift, etc.) Flowing
RATE OF PRODUCTION PER 24 HOURS	Oil 200 bbls. Gas 150 MCF Water -0- bbls. Gas-oil ratio 750 CFPB
Disposition of gas (vented, used on lease or sold) To be sold	Producing interval(s) 6455-6466'

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator
Anadarko Production Company

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

Well No. 1 Lease Name UNDERWOOD "A" OIL

S 23 T 34S R 34²⁸ W

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN,
OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Clay & Sand	0'	243'		
Sand	243'	565'		
Redbed	565'	698'		
Redbed & Sand	698'	935'		
Sand	935'	1344'		
Sand & Redbed	1344'	1624'		
Anhy	1624'	1636'		
Shale	1636'	2065'		
Lime & Shale	2065'	5882'		
Shale	5882'	6075'		
Lime & Shale	6075'	6670'		

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

Paul Campbell
Signature

Paul Campbell, Division Production Manager
Title

May 16, 1979
Date