

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: CHEYENNE DRILLING

License: 5382

Wellsite Geologist: N/A

Designate Type of Completion  
 New Well  Re-Entry  Workover

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

If Workover:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

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

11-20-96 11-30-96 1-3-97  
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21579

County SEWARD

-APPX - S/2 - NE Sec. 23 Twp. 34 Rge. 34  E  W

1980 Feet from  N  X (circle one) Line of Section

1345 Feet from  E  X (circle one) Line of Section

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

Lease Name UNDERWOOD "A" Well # 4

Field Name ADAMSON

Producing Formation LOWER MORROW

Elevation: Ground 2902.5 KB --

Total Depth 6650 PBSD 6495

Amount of Surface Pipe Set and Cemented at 1629 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 ALT 1 JH 8-20-97  
(Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 700 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License # 1248

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S 12 E/W

County \_\_\_\_\_ Docket No. 48

RECEIVED  
KANSAS CORP COMM  
FEB 25 1997

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 David W. Kapple  
Title DIVISION DRILLING ENGINEER Date 2/21/97

Subscribed and sworn to before me this 21st day of February 19 97.

Notary Public L. Marc Harvey  
Date Commission Expires \_\_\_\_\_  
**L. MARC HARVEY**  
Notary Public - State of Kansas  
My Appt. Expires 6-12-99

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify) IS

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name UNDERWOOD "A" Well # \_\_\_\_\_

Sec 23 ~~24~~ ~~25~~ ~~26~~ ~~27~~ ~~28~~ ~~29~~ ~~30~~ ~~31~~ ~~32~~ ~~33~~ ~~34~~ ~~35~~ ~~36~~ ~~37~~ ~~38~~ ~~39~~ ~~40~~  
 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 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 Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E.Logs Run: DIL, CNL-LDT, SONIC, SBT-CCL-GR.	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr><td>CHASE</td><td>2632</td><td></td></tr> <tr><td>COUNCIL GROVE</td><td>2938</td><td></td></tr> <tr><td>HEEBNER</td><td>4294</td><td></td></tr> <tr><td>LANSING</td><td>4515</td><td></td></tr> <tr><td>MARMATON</td><td>5228</td><td></td></tr> <tr><td>MORROW</td><td>5816</td><td></td></tr> <tr><td>CHESTER</td><td>6144</td><td></td></tr> <tr><td>STE. GENEVIEVE</td><td>6453</td><td></td></tr> <tr><td>ST. LOUIS</td><td>6534</td><td></td></tr> </tbody> </table>	Name	Top	Datum	CHASE	2632		COUNCIL GROVE	2938		HEEBNER	4294		LANSING	4515		MARMATON	5228		MORROW	5816		CHESTER	6144		STE. GENEVIEVE	6453		ST. LOUIS	6534	
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CASING RECORD							
<input checked="" 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	23.0	1629	P+ MIDCON 2/ P+	305/100	3%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC.
PRODUCTION	7-7/8	5-1/2	15.5	6549	VERSASET	160	3%CC, .6% HALAD 2" 5% KCL, 1/4#SK FI 9% VERSASET.

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose: ____ Perforate ____ Protect Casing ____ Plug Back TD ____ Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

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	6098-6104, 6108-6121.		ACID: 1200 GAL 7-1/2% FEHCL
			FRAC: 30100 GAL FOAMED GEL & 134000#	6098-6121 (OA)
			16/30 SD.	

TUBING RECORD	Size 2-3/8	Set At	Packer At 6066	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. FIRST: 1-27-97	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf 920	Water Bbls. 22	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 \_\_\_\_\_

Other (Specify) \_\_\_\_\_

Production Interv 6098-6126 (OA)