

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 701 S. TAYLOR, STE. 400

City/State/Zip AMARILLO, TEXAS 79101

Purchaser: ANADARKO ENERGY SERVICES

Operator Contact Person: CRAIG R. WALTERS, P.E.

Phone (806) 457-4600

Contractor: Name: NA

License: NA

Wellsite Geologist: NA

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: ANADARKO PETROLEUM CORPORATION

Well Name: SERU 6-1

Comp. Date 12-22-92 Old Total Depth 5600

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. E-28,131

6-18-2003 -- 6-24-2003  
Spud Date Date Reached TD Completion Date

API NO. 15- 129-21148-00-01

County MORTON

- W/2 - NE - NW Sec. 11 Twp. 33S Rge. 40  W

660 Feet from SX (circle one) Line of Section

1830 Feet from XW (circle one) Line of Section

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

Lease Name SERU Well # 6-1

Field Name STIRRUP ENHANCED RECOVERY UNIT

Producing Formation MORROW

Elevation: Ground 3286 KB --

Total Depth 5600 PBDT 5540

Amount of Surface Pipe Set and Cemented at 1586 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 2702 Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan Workover log 8803  
(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 Craig R. Walters  
Title DIVISION PRODUCTION ENGINEER Date \_\_\_\_\_

Subscribed and sworn to before me this 23 day of July

20 03

Notary Public Lori Pearson

Date Commission Expires 2/26/05

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

Distribution  
\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
\_\_\_\_ Plug \_\_\_\_\_ Other  
(Specify)

**LORI PEARSON**  
Notary Public, State of Texas  
My Commission Expires  
**February 26, 2005**

ORIENTAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name SERU Well # 6-1

Sec. 11 Twp. 33S Rge. 40
East
West
County MORTON

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.)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy.)
List All E.Logs Run:

Log Formation (Top), Depth and Datums
Name Top Datum

SEE ATTACHMENT

Table with 8 columns: 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. Includes rows for SURFACE and PRODUCTION.

Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives. Includes rows for Perforate, Protect Casing, Plug Back TD, Plug Off Zone.

Table with 4 columns: 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.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run (Yes/No).

Date of First, Resumed Production, SWD or Inj. SI-WAITING ON AUTHORIZATION FOR INJECTION
Producing Method: Flowing, Pumping, Gas Lift, Other (Explain)

Table with 8 columns: Estimated Production Per 24 Hours, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

Disposition of Gas: Vented, Sold, Used on Lease
METHOD OF COMPLETION: Open Hole, Perf., Dually Comp., Commingled
Production Interval: 5357-5370 DA

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

API NO. 15-

County MOLTON

**ORIGINAL COPY**

-W/2 - NE - NW Sec. 11 Twp. 33S Rge. 40 X

Operator: License # 4549

660 Feet from S (circle one) Line of Section

Name: Anadarko Petroleum Corporation

1830 Feet from E (circle one) Line of Section

Address P. O. Box 351

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

City/State/Zip Liberal, KS 67905-0351

Lease Name USA "AG" Well # 1

Purchaser: Texaco Trading & Transportation Co.

Field Name Stirrup

Operator Contact Person: J. L. Ashton

Producing Formation U. Morrow "D"

Phone (316) 624-6253

Elevation: Ground 3285.7 KB NA

Contractor: Name: Norseman Drilling Company

Total Depth 5600 PBDT 5543

License: 03779

Amount of Surface Pipe Set and Cemented at 1586 Feet

Wellsite Geologist: NA

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set \_\_\_\_\_ Feet

Designate Type of Completion **KCC WICHITA**

X New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover

If Alternate II completion, cement circulated from \_\_\_\_\_

X Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW \_\_\_\_\_ Temp. Abd.

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cat.

\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW

\_\_\_\_\_ Dry \_\_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)

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

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

Chloride content 1300 ppm Fluid volume 5000 bbls

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

Dewatering method used Natural Evaporation

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

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

\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD

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

\_\_\_\_\_ Plug Back \_\_\_\_\_ PBDT

\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

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

11-18-92 12-1-92 12-22-92

Spud Date Date Reached TD Completion Date

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

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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.

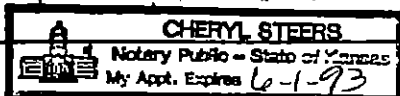
Signature Beverly J. Williams  
Title Engineering Technician Date 1-12-93

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

Subscribed and sworn to before me this 12th day of January, 1993.

Notary Public Cheryl Steers

Date Commission Expires \_\_\_\_\_



Operator Name Anadarko Petroleum Corporation Lease Name USA "AC" Well # 11

Sec. 11 Twp. 33S Rge. 40  East  West

County McPherson

**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 Datum  Sample  
 Name Top Datum

SEE ATTACHMENT

**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#	1586	Pozmix & Class "H"	750	4% gel, 2% cc 2% cc
Production	7 7/8	5 1/2	15.50#	5558	Pozmix & Thixset	205	4#/sx Floccule 5#/sx Gilsoni
		FO TOOL		2702	Pozmix	130	

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

Purpose:	Depth		Type of Cement	#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	
	4	5376-5400, 5357-70		A/in 2' intervals, 50 gal/ft 5357-5400 w/1850 gals 7 1/2% fe acid. A/3700 gals 7 1/2% fe acid.

**TUBING RECORD** Size 2 7/8 Set At 5366 Packer At - Liner Run  Yes  No

Date of First, Resumed Production, SWP or Inj. 12-18-92 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours: Oil 300 bbls. Gas 91 Mcf Water - bbls. Gas-Oil Ratio 303 Gravity 40.2

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 5357-5400 O.A.

SERU 6-1

ATTACHMENT

RECEIVED

ORIGINAL

JUL 28 2003

KCC WICHITA

USA "AC" NO. 1  
SECTION 11-33S-40W  
MORTON COUNTY, KANSAS

<u>NAME</u>	<u>TOP</u>
B/Stone Corral	1598
Chase	2306
Krider	2334
Winfield	2376
Towanda	2436
Ft. Riley	2502
Florence	2550
Council Grove	2613
Admire	2858
Wabaunsee	3040
Topeka	3287
Heebner	3787
Toronto	3799
Lansing	3883
Kansas City	4284
Marmaton	4581
Cherokee	4738
Morrow	5194
Top "D"	5356
Base "D"	5401
Lower Morrow	5511
TD	5600