

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

If Workover:
Operator: ANADARKO PETROLEUM CORPORATION
Well Name: USA "L" #2
Comp. Date 6-2-1992 Old Total Depth 6000
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. 28331
4-7-2003 -- 4-22-2003
Spud Date Date Reached TD Completion Date

RECEIVED
6-9-03
JUN 09 2003
KCC WICHITA

API NO. 15- 129-21119-6001
County MORTON
- C - SE - NE Sec. 4 Twp. 33S Rge. 40 X E
3300 Feet from SX (circle one) Line of Section
660 Feet from EX (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name SERU Well # 14-5
Field Name STIRRUP ENHANCED RECOVERY UNIT
Producing Formation MORROW
Elevation: Ground 3266 KB --
Total Depth 6000 PBTD 5260
Amount of Surface Pipe Set and Cemented at 1536 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2909 Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.
Drilling Fluid Management Plan Workover well 7-1-03
(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 6/3/2003
Subscribed and sworn to before me this 3 day of June
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
____ KCC SWD/Rep _____ NGPA
____ KGS _____ Plug _____ Other
(Specify)

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

✓

X

ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name SERU Well # 14-5

Sec. 4 Twp. 33S Rge. 40 East County MORTON 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.)
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 3 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 Size 2-7/8 Set At 5217 Packer At 5217 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 (if vented, submit ACO-18.) METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Production Interval 5296-5324 OA

OIL & GAS CONSERVATION SYSTEM
WELL COMPLETION FORM
ACQ-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

ORIGINAL

API NO. 13-142-119
County Morton
C - SE - NE Sec. 4 Twp. 33S Rng. 40 XX

COPY

Operator: License # 4549

Name: Anadarko Petroleum Corporation

Address P. O. Box 351

City/State/Zip Liberal, Kansas 67905-0351

Purchaser: Phibro Energy USA, Inc.

Operator Contact Person: J. L. Ashton

Phone (316) 624-6253

Contractor: Name: Gabbert-Jones, Inc.

License: 5842

Wellsite Geologist: NA

Designate Type of Completion

New Well Re-Entry Workover

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

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

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

3-11-92 3-22-92 6-2-92
Spud Date Date Reached TD Completion Date

3300 Feet from N (circle one) Line of Section

660 Feet from W (circle one) Line of Section

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

Lease Name USA "L" Well # 2

Field Name Stirrup

Producing Formation Morrow "D"

Elevation: Ground 3265.5 KB NA

Total Depth 6000 PPTD 5438

Amount of Surface Pipe Set and Cemented at 1536 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/ _____ sk cat

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

Chloride content 1000 ppm Fluid volume 5000 bbls

Dewatering method used haul offsite

Location of fluid disposal if hauled offsite: _____

Operator Name Anadarko Petroleum Corporation

Lease Name Ratzlaff E-1 License No. 4549

SE Quarter Sec. 3 Twp. 33S Rng. 40 X/W

County Morton 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 6-17-92

Subscribed and sworn to before me this 17 day of June, 1992.

Notary Public Cheryl Steers

Date Commission Expires _____

CHERYL STEERS
Notary Public - State of Kansas
My Appt. Expires 6-1-93

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)

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests of interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static or hydrostatic pressure, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra 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.)

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

SEE ATTACHMENT

List All E.Logs Run:

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#	1536	Pozmix & Common	725	4% gel, 2% cc 2% cc
Production	7 7/8	5 1/2	15.50#	5440	Pozmix & Thixset Premix	215	65/35 1/4# sx flocc 5#/sx Gilsomit 0.3% Halad 344
			FO Tool	2909		225	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<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
1	5324-5318, 5316-5314	A/1000 gals 7 1/2% HCL acid	5324-14
4	5296-5324	A/2800 gals 7 1/2% HCL acid	5296-5324
		F/42,000 gal 40# x-linked 4%	
		KCL & 150,860# 20/40 sd.	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8	5055	-	

Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
5-19-92	

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	128	87	120	680	41.1

Disposition of Gas:

Vented Sold Used on Lease
 (If vented, submit AGO-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled
 Other (Specify)

Production Interval

5296-5324 O.A.

ATTACHMENT

ORIGINAL COPY

USA "L" No. 2
Section 4-33S-40W
Morton County, Kansas

<u>NAME</u>	<u>TOP</u>
B/Stone Corral	1546
Chase	2242
Krider	2256
Winfield	2306
Towanda	2368
Ft. Riley	2432
Florence	2476
Wreford	2518
Council Grove	2538
Admire	2780
Wabaunsee	2972
Topeka	3215
Huebner	3712
Toronto	3728
Lansing	3836
Kansas City	4206
Marmaton	4506
Cherokee	4704
Morrow	5110
T/Morrow "D"	5296
Lower Morrow	5424
Morrow "G"	5466
Keyes	5572
Chester	5648
St. Genevieve	5674
St. Louis	5822
TD	6000