

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 ENERGY SERVICES
Operator Contact Person: SHAWN D. YOUNG
Phone (316) 624-6253

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: RAY C-2
Comp. Date 2/19/1996 Old Total Depth 5600
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBD
 Commingled Docket No. PENDING
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

11/10/1999 -- 01/28/2000
~~Spud~~ Date Date Reached TD Completion Date

API NO. 15- 081-20986-0001
County HASKELL
NE - NE Sec. 21 Twp. 29 Rge. 34 X W

660 Feet from X/N (circle one) Line of Section
510 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 RAY "C" Well # 2
Field Name EUBANK
Producing Formation CHESTER, ATOKA, MORROW, LANSING

Elevation: Ground 2976.4 KB --
Total Depth 5600 PBD 5457

Amount of Surface Pipe Set and Cemented at 1816 Feet
Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 3130 Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan Re-work, 3-27-00
(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. _____

RECEIVED
STATE CORPORATION COMMISSION
FEB 22 2000
CONSERVATION DIVISION
Wichita, Kansas

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 Shawn D. Young
SHAWN D. YOUNG
Title DIVISION PRODUCTION ENGINEER Date 2/14/00

Subscribed and sworn to before me this 14th day of February
19 2000
Notary Public Shirley J. Childers

Date Commission Expires _____
NOTARY PUBLIC - State of Kansas
SHIRLEY J. CHILDERS
By Appl. Exp. 4/14/02

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)

Start

X

ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name RAY "C" Well # 2

Sec. 21 Twp. 29 Rge. 34 [] East [x] West County HASKELL

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 [x] No (Attach Additional Sheets.)
Samples Sent to Geological Survey [] Yes [x] No
Cores Taken [] Yes [x] No
Electric Log Run [] Yes [x] No (Submit Copy.)
List All E.Logs Run:

[x] Log Formation (Top), Depth and Datums [] Sample
Name Top Datum

SEE ATTACHED ORIGINAL ACO-1

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.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Table with 5 columns: Purpose, Depth (Top/Bottom), Type of Cement, #Sacks Used, Type and Percent Additives.

Table with 3 main columns: Shots Per Foot, PERFORATION RECORD - Bridge Plugs Set/Type, Acid, Fracture, Shot, Cement Squeeze Record. Includes rows for 4, 3, and 6 shots.

Disposition of Gas: [] Vented [x] Sold [] Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION: [] Open Hole [x] Perf. [] Dually Comp. [x] Commingled
Production Interval: 4106-5448 OA

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

API NO. 15- _____ 081-20986

County HASKELL

ORIGINAL

150'E - C - NE - NE Sec. 21 Twp. 29S Rge. 34 **(X) W**

660 Feet from **(N)X** (circle one) Line of Section

510 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 RAY "C" Well # 2

Field Name EUBANK

Producing Formation CHESTER

Elevation: Ground 2976.4 KB --

Total Depth 5600 PBDT 5526

Amount of Surface Pipe Set and Cemented at 1816 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 3130 Feet

If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

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

Chloride content 3100 ppm Fluid volume 700 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: TEXACO TRADING & TRANSPORTATION INC.

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: NORSEMAN DRILLING INC.

License: 3779

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: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

12-29-95 1-10-96 2-19-96
Spud Date Date Reached TD Completion Date

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CONSERVATION DIVISION
Wichita, Kansas
FEB 22 2000

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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 David W. Kapple
Title DIVISION DRILLING ENGINEER

Date 2/1/96

Subscribed and sworn to before me this 1st day of April 1996.

Notary Public Marc Harvey

L. MARC HARVEY
Notary Public - State of Kansas
My Appl. Expires 6-10-99

Date Commission Expires _____

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name RAY "A" Well # 2

Sec. 21 Twp. 29S Rge. 34 East West County HASKELL

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: SBT-CCL-GR, DIL, ML, CNL-LDT, SONIC

Log Sample

Formation (Top), Depth and Datums

Name	Top	Datum
B/STONE CORRAL	1810	
CHASE	2508	
COUNCIL GROVE	2838	
HEEBNER	3966	
LANSING	4046	
MARMATON	4653	
MORROW	5168	
CHESTER	5326	
ST. LOUIS	5448	

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	12.25	8.625	23	1816	MIDCON 2/ PREM PLUS	305/160	3%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC.
PRODUCTION	7.875	5.5	15.5	5578	MIDCON 2/ VERSASET	115/150	1/4#SK FLC, 5%KCL .6%HALAD 322, 5%KCL, .9%VESASET
			FO TOOL @	3130	MIDCON 2	60	3%CC, 1/4#SK FLC.

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 ID <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
2	5428-5448	ACID: 1000 GAL 7-1/2% FEHCL.	5428-5448
1	5371-5415	ACID: 1200 GAL 7-1/2% FEHCL.	5371-5415
		FRAC: 40000 GAL XLINK 2%KCL WTR & 139000# 16/30 SD.	5371-5448

TUBING RECORD Size 2-3/8" Set At 5358 Packer At _____

Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 3-20-96 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 97 Bbl's. Gas 1150 Mcf Water 9 Bbl's. Gas-Oil Ratio _____ Gravity _____

Disposition of Gas: Method of completion Vented Sold Used on Lease (If vented, submit ACO-18.)

Production Interval Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

5371-5448 (OA)