

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: NATIONAL COOPERATIVE REFINING ASSOCIATION

Operator Contact Person: G. B. SMITH

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: OWENS A-3

Comp. Date 11-11-95 Old Total Depth 5720

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

1/5/2000 -- 1/27/2000
Spud Date Date Reached TD Completion Date

Start

API NO. 15- 081-20955-0003

County HASKELL

NE - NE Sec. 16 Twp. 29S Rge. 34 X W

171 Feet from SW (circle one) Line of Section

475 Feet from EW (circle one) Line of Section

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

Lease Name OWNES "A" Well # 3

Field Name EUBANK

Producing Formation U. CHESTER, BASAL CHESTER, MORROW

Elevation: Ground 2979.1 KB _____

Total Depth 5720 PBDT 5580

Amount of Surface Pipe Set and Cemented at 1806 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 3193 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan Re-work, 3-27-00 OR
(Data must be collected from the Reserve Pit) 9
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
Wichita, Kansas
2-22-2000
FEB 22 2000

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.

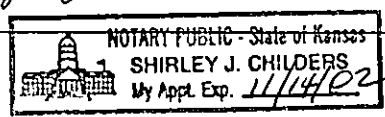
Signature Shawn D. Young
SHAWN D. YOUNG

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 _____



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)

X

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name OWENS "A" Well # 3

Sec. 16 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:

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

SEE ATTACHED ORIGINAL ACO-1.

** Original Completion		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"	24.0	1806	MIDCON 2/ PREMIUM PLUS	340/ 160	2% CC, 1/4#/SK FLC
** PRODUCTION	7-7/8"	5-1/2"	15.5	5655	VERSASET 11PHG / 14.5 PPG.	50/ 160	.6% AHLAD 322, 5%KLC 1/4#/SK FLC, .9% VERSASET
			F.O. TOOL @	3228	MIDCON 2	60	NONE

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
4	5286-5306	FRAC'D W/ 500 GAL 15% FeHCl + 34,200 GAL 30# LINEAR GEL + 32,500# 20/40 SND.	5286-5306

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	5497		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. RESUMED: 1/21/2000 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	32	0	3		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 5286-5496 OA
 Other (Specify) _____

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

API NO. 15- _____ = 20955

ORIGINAL

County HASKELL
Spot: 489'N & 185'E of
C-NE - NE Sec. 16 Twp. 29 Rge. 34 **(X)**

Operator: License # 4549
Name: ANADARKO PETROLEUM CORPORATION
Address P. O. BOX 351
City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: NATIONAL COOPERATIVE REFINING ASSOCIATION
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. d.
 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 PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
8-21-95 9-04-95 11-11-95
Spud Date Date Reached TD Completion Date

SHL 171 Feet from **(N)**X (circle one) Line of Section
SHL 475 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 OWENS "A" Well # 3
Field Name EUBANK
Producing Formation CHESTER

Elevation: Ground 2979.1 KB --
Total Depth 5752 TMD, 5650 TVD PBTB 5687

Amount of Surface Pipe Set and Cemented at 1806 Feet
Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 3193 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 5900 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. _____

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 David W. Kappler
Title DIVISION DRILLING ENGINEER Date 11/20/95
Subscribed and sworn to before me this 20th day of November, 19 95.
Notary Public L. Marc Harvey
Date Commission Expires _____

L. MARC HARVEY
Notary Public - State of Kansas
My Appt. Expires 10-12-99

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)

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: CNL-LDT, DIL, ML, SONIC, SBL-CCL-GR.
 CORE DESCRIPTION ATTACHED.

Name	Top TMD	Datum
B/STONE CORRAL	1816	
CHASE	2510	
COUNCIL GROVE	2847	
HEEBNER	3988	
LANSING	4068	
MARMATON	4686	
MORROW	5234	
CHESTER	5402	
ST LOUIS	5702	

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	12.25	8.625	24	1806	MIDCON 2/ PREMIUM PLUS	340/160	2%CC, 1/4#/SK FLC/SAME.
PRODUCTION	7.875	5.5	15.5	5728	VERSASET 11PPG /14.5 PPG.	50/160	.6% HALAD 322, 5%KCL, 1/4#SK FLC .9%VERSASET/ SAME.
			FO TOOL @	3193	MIDCON 2	60	NONE

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
4	5530-5544	ACID: 1400 GAL 7-1/2% FEHCL 5530-5544'

TUBING RECORD Size 2-3/8 Set At 5525 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 11-08-95 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf.	Water Bbls.	Gas-Oil Ratio	Gravity
	30	330	5	11000	--

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACC-18.)
 Method of completion: Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____
 Production Interval 5530-5544