

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

API NO. 15- 081-20930-0100

COPY

County HASKELL
Spot: 19'N & 180'E of
NE - NE - SE Sec. 16 Twp. 29 Rge. 34 **E**

Operator: License # 4549

SHL 2319 Feet from **X**(circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

SHL 150 Feet from **X**(circle one) Line of Section

Address P. O. BOX 351

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

CONFIDENTIAL

City/State/Zip LIBERAL, KANSAS 67905-0351

Lease Name OWENS "A" Well # 2

Purchaser: NATIONAL COOPERATIVE REFINING ASSOCIATION

Field Name EUBANK

Operator Contact Person: J. L. ASHTON

Producing Formation CHESTER

Phone (316) 624-6253

Elevation: Ground 2974.2 KB --

Contractor: Name: NORSEMAN DRILLING INC.

Total Depth 5712 TMD, 5587 TVD PBDT 5652

License: 3779

Amount of Surface Pipe Set and Cemented at 1810 Feet

Onsite Geologist: NA

Multiple Stage Cementing Collar Used? X Yes No

Designate Type of Completion
X New Well Re-Entry Workover

If yes, show depth set 3237 Feet

X Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, etc.)

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

If Workover:

Drilling Fluid Management Plan ALT 1 5-1098 DW
(Data must be collected from the Reserve Pit)

Operator:

Chloride content 1400 ppm Fluid volume 700 bbls

Well Name:

Dewatering method used NATURAL EVAPORATION

Comp. Date Old Total Depth

Location of fluid disposal if hauled offsite: NOU

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

Operator Name **NOV 20**

Lease Name License No.

9-12-95 9-27-95 11-07-95
Spud Date Date Reached TD Completion Date

 Quarter Sec. Twp. 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. Rules 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 11/20/95

Subscribed and sworn to before me this 20th day of November, 19 95.

Notary Public L. Marc Harvey

L. MARC HARVEY
Notary Public - State of Kansas
My Appt. Expires 6-12-99

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 Plus Other
RECEIVED
KANSAS CORPORATION COMMISSION

Form ACO-1 (2-91) 1995 **NOV 21 1995**

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

Sec. 16 Twp. 29 Rge. 34 East West
 County HASKELL

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests given 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	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum HEEBNER 3982 TORONTO 4003 LANSING 4064 KANSAS CITY 4532 MARMATON 4692 MORROW 5250 CHESTER 5426 ST LOUIS 5638
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: CNL-LDT, DIL, ML, SONIC, SBL-CCL-GR.

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 Percer. Additives
SURFACE	12.25	8.625	24	1810	THRIFTY LITE/ CLASS C	50/160	2%CC, 1/4#/SK FLC/SAME.
PRODUCTION	7.875	5.5	15.5	5707	VERSASET 11PPG /14.5 PPG.	50/180	.6% HALAD 322, 5%KCL, 1/4#SK FLC .9%VERSASET/ SAME.
			FO TOOL	3237	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	5530-5536	ACID: 600 GAL 7-1/2% FEHCL	5530-5536'
4	5536-5541	ACID: 500 GAL 7-1/2% FEHCL	5536-5541'
		ACID: 200 GAL 7-1/2% HCL, 1500 GAL 3% HF & 12% HCL	5530-5541'
		FRAC: 1554 GAL NITRIFIED X LINKD GLD 2% KCL WTR & 4500# 20/40 SD.	

TUBING RECORD	Size 2-3/8	Set At 5518	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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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 107 Bbls.	Gas --- Mcf	Water 3 Bbls.	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
 Production Interval: 5530-5541