

FORM MUST BE TYPED

SIDE ONE

Handwritten initials

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

COPY

API NO. 15- _____ 175-21,400-0002
County _____ SEWARD
- C - W/2 - SE Sec. 08 Twp. 32S Rge. 33 X W

Operator: License # _____ 4549

_____ 1320 Feet from (S)N (circle one) Line of Section

Name: _____ ANADARKO PETROLEUM CORPORATION

_____ 1980 Feet from (E)W (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, KANSAS 67905-0351

Lease Name _____ MORGAN ``N`` Well # _____ 1

Purchaser: _____ TEXACO TRADING & TRASPORATION

Field Name _____ ANGMAN

Operator Contact Person: _____ G. B. SMITH

Producing Formation _____ MORROW & CHESTER (COMMINGLED)

Phone (316) _____ 624-6253

Elevation: Ground _____ 2756.5 _____ KB _____ --

Contractor: Name: _____ NA

Total Depth _____ 5870' _____ PBDT _____ 5634'

License: _____ NA

Amount of Surface Pipe Set and Cemented at _____ 1582 _____ Feet

Wellsite Geologist: _____ NA

Multiple Stage Cementing Collar Used? _____ Yes _____ X _____ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan *Re-work, 4-9-98 U.C.*
(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. _____

Designate Type of Completion
_____ New Well _____ Re-Entry _____ X Workover

_____ X Oil _____ SWD _____ SIOW _____ Temp. Abd.
_____ Gas _____ ENHR _____ SIGW
_____ Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____ ANADARKO PETROLEUM CORPORATION

Well Name: _____ MORGAN ``N`` NO. 1

Comp. Date _____ 09/01/97 Old Total Depth _____ 5870'

_____ Deepening _____ X Re-perf. _____ Conv. to Inj/SWD
_____ X Plug Back _____ 5634 _____ PBDT
_____ X Commingled _____ Docket No. _____ 5973
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____

_____ 04/14/97 _____ 04/22/97
Spud Date _____ Date Reached TD _____ Completion Date

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.

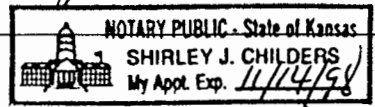
Signature _____ *John A. Broman*
JOHN A. BROMAN

Title _____ DIVISION PRODUCTION ENGINEER Date _____ 10/6/97

Subscribed and sworn to before me this _____ 9th day of _____ (October) 19 _____ 97.

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
_____ KGS _____ Plug
_____ NGPA
_____ Other (Specify) _____

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name MORGAN "N" Well # 1

Sec. 08 Twp. 32S Rge. 33 East County SEWARD
 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 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 Datums Sample
 Name Top Datum
 (SEE ORIGINAL ACO-1 - ATTACHED)

List All E.Logs Run:

** Original Completion CASING RECORD							
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	1582'	50/50POZMIX/ COMMON	550/200	2% CC, 4% GEL/ 2%CC
** PRODUCTION	7-7/8"	5-1/2"	15.5	5846'	65/35POZMIX/ THIXSET	200/150	1/4# SX FLOCELE, 1/4# SX FLOCELE,5% KC

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

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	
	3	5318-24, 5388-92, 5458-64, 5471-74 (MORROW)		ACIDIZED W/2000 GALS 15% HCL 5318-5474 O.A.

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	5488'	--	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. RESUMED: 04/18/97 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	15	0	0	--	--

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled 5318-5474 O.A.
 Other (Specify) _____ 5502-5570' O.A. Production Interval