

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: TEXACO TRADING & TRANSPORTATION INC.

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: MORGAN M-1

Comp. Date 4-4-95 Old Total Depth 5802

XXX SQUEEZED OFF PERFORATIONS
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back 5489 PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

9-16-97 -- 11-2-97
 Date of START Date Reached TD Completion Date of
 OF WORKOVER WORKOVER

API No. 15- 175-21412 0202

County SEWARD

SW - NW Sec. 5 Twp. 32S Rge. 33 X W

1980 Feet from SW (circle one) Line of Section

660 Feet from E (circle one) Line of Section

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

Lease Name MORGAN "M-1" Well # 1

Field Name ANGMAN

Producing Formation MORROW

Elevation: Ground 2816 KB _____

Total Depth 5802 PBDT 5489

Amount of Surface Pipe Set and Cemented at 1668 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 4490 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan REWORK JK 4-10-98
 (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: 3-6-98

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

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 1998 MAR 10

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.

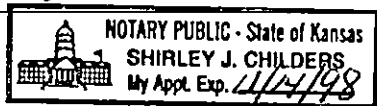
Signature Shawn D. Young
 SHAWN D. YOUNG

Title DIVISION PRODUCTION ENGINEER Date 2/16/98

Subscribed and sworn to before me this 16th day of February 19 98.

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)

SIDE TWO

ORIGINAL

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name MORGAN M Well # 1

Sec. 5 Twp. 32S Rge. 33 East West County SEWARD

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

List All E.Logs Run:

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
CHASE	2542	
COUNCIL GROVE	2882	
LANSING	4190	
SEE ATTACHED ORIGINAL ACO-1. Submit Copy.)		
MARMATON	4808	
MORROW	5324	
CHESTER	5457	
LOWER CHESTER	5520	
ST. GENEVIEVE	5595	
ST. LOUIS	5685	

** 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	1668	PREM PLUS LT/ PREM PLUS	580/ 160	2%CC, 1/4%SX FLC/ 2% 1/4%SX FLC
** PRODUCTION	7-7/8"	5-1/2"	15.5	5785	50/50 POZ	225	.75% HLD-322 10% SAL 1/4%SX FLC

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
2	CIBP @ 5500' 5381' - 5452'	SQUEEZED: W/ 25 SXS CLASS "C" LWL + 50 SXS CLASS "H" + 1/2 SK FLOCELE	5156-5164
1	5520' - 5595'		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	5464		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
RESUME: 10-28-97	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	80	0	76	--	

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Conningled Other (Specify) _____

Production Interval: 5381-5452 OA

STATE CORPORATION COMMISS. 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: TEXACO TRADING & TRANSPORTATION INC.

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: GABBERT-JONES

License: 5842

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 PBD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

1-17-95 2-1-95 4-4-95
Spud Date Date Reached TD Completion Date

API NO. 15- _____ 175-21412

County SEWARD

SW - NW Sec. 5 Twp. 32S Rge. 33

1980 Feet from (circle one) Line of Section

660 Feet from (circle one) Line of Section

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

Lease Name MORGAN "M" Well # 1

Field Name ANGMAN

Producing Formation CHESTER

Elevation: Ground: 2815.9 KB --

Total Depth 5800 PBD 5723

Amount of Surface Pipe Set and Cemented at 1668' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 4490 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 1100 ppm Fluid volume 5000 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. Twp. S 30ng E/W

County _____ Docket No. 39

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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 L. Marc Harvey
L. MARC HARVEY

Title DRILLING TECHNICAL ASSISTANT Date 4-20-95

Subscribed and sworn to before me this 20 day of April, 1995.

Notary Public Cheryl Steers

Date Commission Expires _____

CHERYL STEERS
Notary Public - State of Kansas
My Comm. Expires 6-1-97

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)

Operator Name ANADARKO PETROLEUM VATION _____ Lease Name MORGA Well # 1
 East _____ County SEWARD
 Sec. 5 Twp. 32S Rge. 33 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.)
 List All E.Logs Run: DIL, MSFL, ML, LONG SPACED SONIC,
 CML-LDT, FULL WAVE SONIC, FRAC.
 PRESSURE, FRAC. ID.

Formation (Top), Depth and Datums	Sample
Name	Top Datum
CHASE	2542
COUNCIL GROVE	2882
LANSING	4190
MARMATON	4808
MORROW	5324
CHESTER	5457
L. CHESTER	5520
STE. GENEVIEVE	5595
ST. LOUIS	5685

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	1668	PREM PLUS LT/ PREM PLUS	580/160	2%CC, 1/4#/SX FLC/ 2%CC, 1/4#/SX FLC
PRODUCTION	7 7/8	5 1/2	15.5	5785	50/50 POZ/ 50/50 POZ	50/175	.75% HLD-322, 10% SALT, 1/4#/SX FLC/ .75% HLC-322, 10% SALT, 1/4#/SX 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 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	5520-5595'	ACID: 4000GAL 15% GCL & 100 BS	
		FRAC: 36900GAL 40# GLD 2% XCL WTR &	5520-5595'
		165000# 16/30 SD.	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8	5608'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. FIRST 4-8-95	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil 58 Bbls.	Gas 64 Mcf	Water 8 Bbls.	Gas-Oil Ratio Gravity 30..2

Disposition of Gas: METHOD OF COMPLETION Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____ 5520-5595'



Halliburton Energy Services

ORIGINAL

DATE:10-21-1997 TIME:05:11:40 SERVICE TICKET: 232007

HUGOTON-25535 BULK TICKET ONLY: 800680

JOB PURPOSE:SQUEEZE COMPANY TRUCK::6610 DRIVER: J.FROST

CUSTOMER: ANADARKO PETROLEUM CORPORATION LEASE & WELL#:MORGAN M-1

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504-043	PREMIUM CEMENT	50	SKS.	13.70	685.00
504-050	PREMIUM PLUS CEMENT	25	SKS.	14.01	350.25
507-775	HALAD-322	15	LBS.	7.70	115.50
507-210	FLOCELE	25	LBS.	1.90	47.50
500-207	SERVICE CHARGES	77	CU FT	1.55	119.35
TOTAL					1317.60
500-306	WEIGHT: 7090	MILES: 29	TON MILES: 102.81	1.18	121.32
TOTAL BOOK PRICE OF BULK TICKET:					\$ 1438.92

500-225 RETURN SERVICE CHARGES 20% COST OF RET. MATERIALS 1.55

500-306 WEIGHT: RETURN MILES: 29 TON MILES: 1.18