

COPY

SIDE ONE

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

Operator: License # 4549Name: ANADARKO PETROLEUM CORPORATIONAddress P. O. BOX 351City/State/Zip LIBERAL, KANSAS 67905-0351Purchaser: TEXACO TRADING & TRANSPORTATION INC.Operator Contact Person: G. B. SMITHPhone (316) 624-6253Contractor: Name: NALicense: NAWellsite Geologist: NA

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)

Workover:

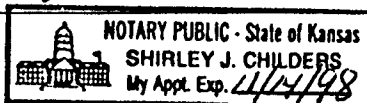
Operator: ANADARKO PETROLEUM CORPORATIONWell Name: MORGAN M-1Comp. Date 4-4-95 Old Total Depth 5802**XXX SQUEEZED OFF PERFORATIONS** Deepening XXX Re-perf. Conv. to Inj/SWD X Plug Back 5489 PBDT Commingled Docket No. Dual Completion Docket No. Other (SWD or Inj?) Docket No.9-16-97 -- 11-2-97**OF WORKOVER** Date of START Date Reached TD Completion Date of WORKOVERAPI NO. 15- 175-21412 0001County SEWARD - - SW - NW Sec. 5 Twp. 32S Rge. 33 E1980 Feet from S (circle one) Line of Section660 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name MORGAN "M" Well # 1Field Name ANGMANProducing Formation MORROWElevation: Ground 2816 KB Total Depth 5802 PBDT 5489Amount of Surface Pipe Set and Cemented at 1668 FeetMultiple Stage Cementing Collar Used? X Yes NoIf yes, show depth set 4490 FeetIf 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 bblsDewatering method used Location of fluid disposal if hauled offsite: Operator Name Lease Name License No. Quarter Sec. Twp. S Rng. E/WCounty 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. 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 2/16/98Subscribed and sworn to before me this 16th day of FebruaryNotary Public Shirley J ChildersDate Commission Expires 

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 X KCC SWD/Rep X NGPA
 KGS Plug Other (Specify)

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name MORGAN "M" Well # 1
 Sec. 5 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

List All E.Logs Run:

☒ Log Formation (Top), Depth and Datums ☐ Sample

| Name | Top | Datum |
|---------------|------|-------|
| CHASE | 2542 | |
| COUNCIL GROVE | 2882 | |
| LANSING | 4190 | |

| | |
|---------------|------|
| MARMATON | 4808 |
| MORROW | 5324 |
| CHESTER | 5457 |
| LOWER CHESTER | 5520 |
| ST. GENEVIEVE | 5595 |
| ST. LOUIS | 5685 |

SEE ATTACHED ORIGINAL ACO-1. Submit Copy.)

** Original Completion

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 | 12-1/4" | 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: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|--------------------|---------------------|----------------|-------------|----------------------------|
| ___ Perforate | | | | |
| ___ Protect Casing | | | | |
| ___ Plug Back TD | | | | |
| ___ 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 | 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 2-3/8" | Set At 5464 | Packer At Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumed Production, SWD or Inj. RESUME: 10-28-97 | 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 80 Bbls. | Gas 0 Mcf | Water 76 Bbls. Gas-Oil Ratio -- Gravity |

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 5381-5452 OA

☐ Other (Specify) _____

ORIGINAL

SIDE ONE

Form ACO-1 (7-91)