

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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: ANADARKO TRADING COMPANY

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: NA

License: NA

Wellsite Geologist: NA

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SIOW  Temp. Abd.

Gas  ENHR  SIGW

Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: ANADARKO PETROLEUM CORPORATION

Well Name: MALIN "A" NO. 3

Comp. Date 5/18/94 Old Total Depth 6665'

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back  PBD

Commingled  Docket No. CO 6963

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?)  Docket No. \_\_\_\_\_

7/25/96

NA

8/13/96

~~Start~~ Date of START Date Reached TD Completion Date of WORKOVER OF WORKOVER WORKOVER

API NO. 15- 175-21,388-0001

County SEWARD

C - SE - SE - SE Sec. 34 Twp. 33S Rge. 34 X W

330 Feet from SN (circle one) Line of Section

330 Feet from EW (circle one) Line of Section

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

Lease Name MALIN "A" Well # 3

Field Name ADAMSON

Producing Formation CHESTER & L. MORROW (COMMINGLED)

Elevation: Ground 2922.1 KB --

Total Depth 6665' PBD 6606'

Amount of Surface Pipe Set and Cemented at 1660 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan REWORK JH 11-14-96  
(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. \_\_\_\_\_

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.

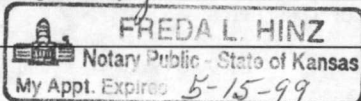
Signature John M. Dolan  
JOHN M. DOLAN

Title SENIOR TECHNICAL ASSISTANT Date 11/5/96

Subscribed and sworn to before me this 5<sup>th</sup> day of November 19 96.

Notary Public Freda L. Hinz

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

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

Sec. 34 Twp. 33S Rge. 34  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<br>(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 |
| Samples Sent to Geological Survey                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Name  | Top Datum                       |
| Cores Taken   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | (SEE ORIGINAL ACO-1 - ATTACHED)   |                                 |
| Electric Log Run<br>(Submit Copy.)                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |   |                                 |
| 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            | 1660'         | 50/50 POZ/Common | 600/200      | 4% GEL, 2%CC, 1/4# FLOC/2%CC      |
| ** PRODUCTION   | 7-7/8"            | 5-1/2"                    | 15.5            | 6664'         | 65/35 POZ/THXSET | 50/205       | 1/4# SX FLOC/ 1/4# SX FLOC, 5%KCL |
|   |                   |                           |                 |               |                  |              |                                   |

| 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       |
|----------------|--|--|-------------|
| 2              | PERFORATE 5969'-5982' (L. MORROW)  | FRAC W/2000 GAL 70 QUAL CO2 FOAMED 7.5% HCL + 65,000 LBS 20/40 SAND            | 5969'-5982' |
| 2              | 6313'-6318'  |  |             |
|                |  |  |             |

TUBING RECORD Size 2-3/8" Set At 6354' Packer At -- Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 8/06/96 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

|                                   |                    |                    |                      |                              |                   |
|-----------------------------------|--------------------|--------------------|----------------------|------------------------------|-------------------|
| Estimated Production Per 24 Hours | Oil <u>2</u> Bbls. | Gas <u>500</u> Mcf | Water <u>7</u> Bbls. | Gas-Oil Ratio <u>250,000</u> | Gravity <u>--</u> |
|-----------------------------------|--------------------|--------------------|----------------------|------------------------------|-------------------|

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled 6313'-6318'  Other (Specify) \_\_\_\_\_

Production Interval 5969'-5982'  
6313'-6318'





15-175-388-0001

ORIGINAL

**ANADARKO PETROLEUM CORPORATION**

PHONE 316 - 624 - 6253 • 1701 NORTH KANSAS AVE. • P.O. BOX 351 • LIBERAL, KANSAS 67905 - 0351



November 5, 1996

Kansas Corporation Commission  
Conservation Division  
Finney State Office Building  
130 South Market, Rm. 2078  
Wichita, Kansas 67202

Attn.: Priscilla Zadoka

Re: Workover Completion (Form ACO-1) - Commingling

Malin "A" No. 3  
Sec. 34-33S-34W  
Seward County, Kansas

Dear Ms. Zadoka:

Enclosed in triplicate is an affidavit of completion (KCC Form ACO-1) for the workover performed on the referenced well. Perforations were made in the L. Morrow zone (5969'-5982) and the interval was fracture-stimulated. The L. Morrow zone was commingled with the existing Chester zone, per KCC Docket No. CO 6963. Also enclosed is a copy of the original completion ACO-1. Please file accordingly.

If you require additional information, please contact this office at the letterhead address or call me at (316) 629-4306.

Sincerely,

John M. Dolan  
Senior Technical Assistant  
/sh

Enclosures

cc: Well File  
Ken Lester - HGO  
Manager Land Administration - HGO  
WI Owners

aco1let.doc

RECEIVED  
KANSAS CORP COMM  
1996 NOV 13 A 11:29