

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

**ORIGINAL**

API NO. 15- 129-21,259-00

County MORTON

SW - SW - NE - NE Sec. 20 Twp. 33S Rge. 40 X W

1250 Feet from X/N (circle one) Line of Section

1250 Feet from E/X (circle one) Line of Section

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

Lease Name USA A0 Well # 1H

Field Name HUGOTON

Producing Formation KRIDER (CHASE)

Elevation: Ground 3302 KB 3311.4

Total Depth 2570 PBTD 2506

Amount of Surface Pipe Set and Cemented at 755 Feet

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 ALT 1 J R 4-24-95  
(Data must be collected from the Reserve Pit)

Chloride content 132,473 ppm Fluid volume 700 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: TO BE DETERMINED

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: NORSEMAN DRILLING, INC.

License: 3779

Wellsite Geologist: NA

Designate Type of Completion

X New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_

\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW \_\_\_\_\_ Temp. Abd.

\_\_\_\_\_ Gas \_\_\_\_\_ ENHR X 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 \_\_\_\_\_ PBTD \_\_\_\_\_

\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

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

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

6/21/94 6/24/94 9/1/94  
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 Leslie I. Barnes

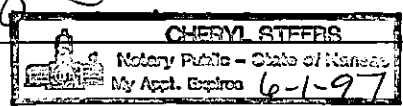
LESLIE I. BARNES

Title SENIOR TECHNICAL ASSISTANT Date 9/22/94

Subscribed and sworn to before me this 22 day of September, 19 94.

Notary Public Cheryl Steers

Date Commission Expires \_\_\_\_\_



K.C.C. OFFICE USE ONLY  
F \_\_\_\_\_ Letter of Confidentiality Attached  
C X Wireline Log Received  
C \_\_\_\_\_ Geologist Report Received  
  
Distribution  
X KCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
\_\_\_\_\_ KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other (Specify)

Form ACO-1 (7-91)

RECEIVED  
STATE CORPORATION COMMISSION  
SEP 29 1994  
CONSERVATION DIVISION  
WICHITA, KANSAS

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name USA AO Well # 1H

Sec. 20 Twp. 33S Rge. 40  East  West  
 County MORTON

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 | B. CIMARRON  | 1575                              |                                 |
| Electric Log Run<br>(Submit Copy.)                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | KRIDER   | 2283                              |                                 |
| List All E.Logs Run:                                  |   | WINFIELD   | 2352                              |                                 |
|   |   | TOWANDA  | 2414                              |                                 |
|   |   | FT. RILEY  | 2476                              |                                 |
|   |   | DUAL INDUCTION<br>COMPENSATED SPECTRAL GAMMA<br>DUAL-SPACED NEUTRON<br>SBT GAMMA |                                   |                                 |

| 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              | 755           | 75/25 POZMIX/<br>CLASS "H" | 340/150      | 2%CC, 1/4#/SX FLOC  |
| PRODUCTION  | 7 7/8             | 5 1/2                     | 15.5            | 2547          | CLASS "C"/<br>CLASS "C"    | 145/40       | 20%DCD, 2%CC,<br>1/4#/SX FLOCELE/<br>10%DCD, 2%CC,<br>1/4#/SX FLOCELE |

| 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<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth   |
|----------------|---|---|---------|
| 4              | 2304 - 2314   | SPEARHEAD W/500 GALS 15% HCL, FRAC DN CSG W/41,500 GAL                            |         |
|                |   | 35# LINEAR GELLED 2% KCL WTR + 131,000#   |         |
|                |   | 16/30 SAND  | 2304-14 |

|               |             |           |   |
|---------------|-------------|-----------|---|
| TUBING RECORD | Size Set At | Packer At | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| None          |             |           |   |

Date of First, Resumed Production, SWD or Inj. SI WO PORDUCTION EQUIPMENT, WOPL

Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

|                                   |              |             |                |                  |            |
|-----------------------------------|--------------|-------------|----------------|------------------|------------|
| Estimated Production Per 24 Hours | Oil -- Bbls. | Gas 280 Mcf | Water -- Bbls. | Gas-Oil Ratio -- | Gravity -- |
|-----------------------------------|--------------|-------------|----------------|------------------|------------|

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled 2304 - 2314

Production Interval  Other (Specify) \_\_\_\_\_

NORSEMAN DRILLING, INC.  
WICHITA, KANSAS  
DRILLERS' WELL LOG

ORIGINAL

WELL NAME: USA AO-1H  
SECTION 20-33S-40W  
MORTON COUNTY, KANSAS

COMMENCED: JUNE 21, 1994

COMPLETED: JUNE 25, 1994

OPERATOR: ANADARKO PETROLEUM CORPORATION

API# 15-129-21259

| Depth |      | Formation      | Remarks  |
|-------|------|----------------|--|
| From  | To   |                |  |
| 0     | 1111 | Sand & Redbed  | Ran 18 jts of 24#  |
| 1112  | 1285 | Glorietta Sand | 8 5/8" csg set @   |
| 1286  | 2570 | Redbed         | 755'; w/340 SX of<br>75/25 pozmix; 2% CC;<br>1/4# SX Floceal;<br>Tailed with 150 SX<br>Class H; 2% CC; 1/4#<br>Floceal; Plug down<br>1:15 p.m. 06/22/94. |

Ran 59 jts. 5 1/2" 15.50#, Set @ 2556'; Cement w/145  
SX Class C; 20% Diacel D; 2% CC; 1/4# Floceal; Tailed  
w/40 SX Class C; 10% Diacel D; 2% CC; 1/4# SX  
Floceal; Plug down @ 4:15 p.m. on 06/25/94.

STATE OF KANSAS

)I, the undersigned, being duly sworn on  
)oath, state that the above Drillers' Well  
)Log is true and correct to the best of my  
)knowledge and belief and according to the  
)records of this office.

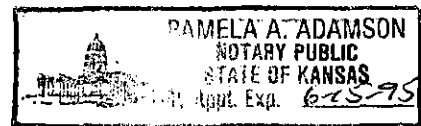
COUNTY OF SEDGWICK

NORSEMAN DRILLING, INC.

*James P. Reilly*  
JAMES P. REILLY, PRESIDENT

Subscribed & sworn to before me this

July 5, 1994



My Appointment Expires:

June 15, 1995

*Pamela A. Adamson*  
Pamela A. Adamson, Notary Public  
340 Seville  
Wichita, KS 67209

RECEIVED  
STATE CORPORATION COMMISSION  
SEP 29 1994

**JOB LOG FORM 2013 R-4**

 CUSTOMER **Amadorak PETA** WELL NO. **1 H** LEASE **USA AD** JOB TYPE **5 1/2 Prod. Steer** TICKET NO. **677834**

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS |   | PRESSURE (PSI) |        | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|--------------------|-------|---|----------------|--------|--|
|           |      |            |                    | T     | C | TUBING         | CASING |  |
|           | 0730 |            |                    |       |   |                |        | Time called                            |
|           | 1100 |            |                    |       |   |                |        | Time Ready                             |
|           | 1030 |            |                    |       |   |                |        | Time outed. ORIGINAL                   |
|           |      |            |                    |       |   |                |        | Start Pump Casing                      |
|           | 1244 |            |                    |       |   |                |        | Casing in Hole                         |
|           | 1445 |            |                    |       |   |                |        | Hookup To Create Casing                |
|           | 1455 |            |                    |       |   |                |        | Create Casing w/ New Pump              |
|           | 1458 |            |                    |       |   |                |        | Create Casing w/ New Pump              |
|           | 1515 |            |                    |       |   |                |        | Hookup To Pump Truck                   |
|           | 1520 | 5          | 10                 |       |   | 300            |        | Start 2 3/8 KCL Ahead                  |
|           | 1522 | /          | 30                 |       |   | 300            |        | Start Mud Flush                        |
|           | 1528 | /          | 10                 |       |   | 300            |        | Start 2 3/8 KCL Behind                 |
|           | 1530 | 6.3        |                    |       |   | 350            |        | Start Mixing Cement                    |
|           | 1540 | /          | 69.46              |       |   | 200            |        | Start Tail Cement                      |
|           | 1543 | /          | 14.88              |       |   | 175            |        | Finish Mixing Cement                   |
|           | 1544 | /          | 84.34              |       |   | 175            |        | Stop Down Deep Plug                    |
|           | 1547 | 6          |                    |       |   | 150            |        | Start Displacement                     |
|           | 1600 | 5.4        | 60.1               |       |   | 100            |        | Stop Down                              |
|           |      |            |                    |       |   |                |        | Float Hold                             |
|           |      |            |                    |       |   |                |        | Create Fluid Throat                    |

Thanks For Calling Halliburton

Done by *[Signature]*

STATE OF MISSISSIPPI  
 SEP 29 1994  
 OIL & GAS DIVISION  
 WISCONSIN, MISSISSIPPI

**WELL DATA**

FIELD \_\_\_\_\_ SEC \_\_\_\_\_ TWP \_\_\_\_\_ RNG \_\_\_\_\_ COUNTY Monroton STATE Ks

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

|              | NEW USED | WEIGHT | SIZE | FROM | TO   | MAXIMUM PSI ALLOWABLE |
|--------------|----------|--------|------|------|------|-----------------------|
| CASING       |          | 15'    | 5K   | KB   | 2570 |                       |
| LINER        |          |        |      |      |      |                       |
| TUBING       |          |        |      |      |      |                       |
| OPEN HOLE    |          |        | 7/8" |      | 2570 | SHOTS/FT.             |
| PERFORATIONS |          |        |      |      |      |                       |
| PERFORATIONS |          |        |      |      |      |                       |
| PERFORATIONS |          |        |      |      |      |                       |

**JOB DATA**

| CALLLED OUT      | ON LOCATION      | JOB STARTED      | JOB COMPLETED    |
|------------------|------------------|------------------|------------------|
| DATE <u>6-25</u> | DATE <u>6-25</u> | DATE <u>6-25</u> | DATE <u>6-25</u> |
| TIME <u>0730</u> | TIME <u>1030</u> | TIME <u>1445</u> | TIME <u>1600</u> |

**PERSONNEL AND SERVICE UNITS**

| NAME               | UNIT NO. & TYPE | LOCATION    |
|--------------------|-----------------|-------------|
| <i>D. Dwyer</i>    | 59179           | Livewood Ks |
| <i>R. Elwood</i>   | 4903            | Hogtown Ks  |
| <i>G. McIntyre</i> | 04360           | Hogtown Ks  |
| <i>R. Garrison</i> | 63755           | Hogtown Ks  |
|                    | 62729           | Hogtown Ks  |

**TOOLS AND ACCESSORIES**

| TYPE AND SIZE                             | QTY. | MAKE   |
|---|------|--------|
| <del>Flowline</del> <i>Flowline Float</i> | 1    | Hercos |
| <del>Flowline</del> <i>Flowline</i>       | 1    | Hercos |
| GUIDE SHOE                                | 1    | Hercos |
| CENTRALIZERS                              | 14   | Hercos |
| BOTTOM PLUG                               | 1    | Hercos |
| TOP PLUG                                  | 1    | Hercos |
| HEAD                                      | 1    | Hercos |
| PACKER                                    | 1    | Hercos |
| OTHER <i>Hercos weld A</i>                | 143  | Hercos |

**MATERIALS**

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN.

NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN.

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT Cement

DESCRIPTION OF JOB 5% Red Slag

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE X Job Shering

HALLIBURTON OPERATOR D. Dwyer COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

| STAGE | NUMBER OF SACKS | CEMENT     | BRAND | BULK SACKED | ADDITIVES                    | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|-------|-----------------|------------|-------|-------------|------------------------------|------------------|-----------------|
|       | 175             | Preem Plus |       |             | 20% Dical D 2% CC 1/4# Pacle | 2.69             | 12.0            |
|       | 40              | Preem Plus |       |             | 10% Dical D 2% CC 1/4# Pacle | 2.09             | 13.0            |

**PRESSURES IN PSI**

**SUMMARY**

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL. 10 BBL / 4L 30 MF 10 BBL / 4L

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL. 60.9

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. 84.34

HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ REMARKS \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET 42 REASON See down

RECEIVED

STATE COMMISSION  
SEP 29 1994

CONSERVATION DIVISION  
WILLIAMS, PARKWAY

CUSTOMER *Amstarco Petroleum*  
LEASE *USA*  
WELL NO. *AD 1-11*  
JOB TYPE *5% Red Slag*  
DATE *6-25-94*

CHARGE TO: Amherst Petroleum

ADDRESS: \_\_\_\_\_

CITY, STATE, ZIP CODE: \_\_\_\_\_

COPY \_\_\_\_\_

TICKET LV

No. **677834 - 3**

PAGE \_\_\_\_\_ OF \_\_\_\_\_

FORM 1906 R-13

|   |  |   |  |                          |                                     |  |                         |
|---|--|---|--|--------------------------|-------------------------------------|--|-------------------------|
| 1. SERVICE LOCATIONS<br><u>1. 25546</u> | WELL/PROJECT NO.<br><u>1-H</u>                             | LEASE<br><u>USA 'AD'</u>  | COUNTY/PARISH<br><u>LA</u>               | STATE<br><u>K</u>        | CITY/OFFSHORE LOCATION              | DATE<br><u>6-25-03</u>   | OWNER<br><u>Amherst</u> |
| 2. <u>25545</u>                         | TICKET TYPE<br><input checked="" type="checkbox"/> SERVICE | NITROGEN JOB?<br><input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO | CONTRACTOR<br><u>Amherst</u>             | RIG NAME/NO.<br><u>2</u> | SHIPPED VIA<br><u>Loc</u>           | DELIVERED TO   | ORDER NO.               |
| 3.                                      | WELL TYPE  | WELL CATEGORY   | JOB PURPOSE<br><u>035 5 1/2 Pool Stg</u> | WELL PERMIT NO.          | WELL LOCATION<br><u>NW of 25546</u> | STATE INFORMATION CENTER<br>NOISE ABATEMENT DIVISION<br>SEP 2003 |                         |
| 4. REFERRAL LOCATION                    | INVOICE INSTRUCTIONS<br><u>0203</u>                        |   |  |                          |                                     |  |                         |

| PRICE REFERENCE | SECONDARY REFERENCE/<br>PART NUMBER | ACCOUNTING |      |    | DESCRIPTION  | QTY. | U/M   | QTY. | U/M | UNIT PRICE | AMOUNT  |
|-----------------|-------------------------------------|------------|------|----|--------------|------|-------|------|-----|------------|---------|
|                 |                                     | LOC        | ACCT | DF |              |      |       |      |     |            |         |
| 000-117         | ORIGINAL                            |            |      |    | MILEAGE      | 110  | Miles |      |     | 2.75       | 302.50  |
| 001-016         |                                     |            |      |    | Per charge   | 2578 | FT    |      |     |            | 1490.00 |
| 030-016         |                                     |            |      |    | 5wt top Pig  | 1    | SKL   |      |     | 60.00      | 60.00   |
| 12 A            | 825-205                             |            |      |    | Guide shoe   | 1    | EX    | 5%   |     | 121.00     | 121.00  |
| 24 A            | 815-19251                           |            |      |    | Telex Floort | 1    |       |      |     | 110.00     | 110.00  |
| 27              | 815-12311                           |            |      |    | Fillup       | 1    |       |      |     | 55.00      | 55.00   |
| 40              | 806-40022                           |            |      |    | Centralizer  | 14   |       |      |     | 44.00      | 616.00  |
| 350             | 840-115802                          |            |      |    | Howco weld A | 1    | 143   |      |     | 14.50      | 14.50   |
| 311-163         |                                     |            |      |    | Check II     | 2    | 596   |      |     | 24.00      | 48.00   |
| 015-315         |                                     |            |      |    | 11wt Floort  | 1260 | SKL   |      |     | 65.00      | 819.00  |

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE  
X [Signature]

DATE SIGNED \_\_\_\_\_ TIME SIGNED \_\_\_\_\_

A.M.  P.M.

do  do not require IPC (Instrument Protection).  Not offered

SUB SURFACE SAFETY VALVE WAS:  
 PULLED & RETURN  PULLED  RUN

TYPE LOCK \_\_\_\_\_ DEPTH \_\_\_\_\_

BEAN SIZE \_\_\_\_\_ SPACERS \_\_\_\_\_

TYPE OF EQUALIZING SUB. \_\_\_\_\_ CASING PRESSURE \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ TUBING PRESSURE \_\_\_\_\_ WELL DEPTH \_\_\_\_\_

TREE CONNECTION \_\_\_\_\_ TYPE VALVE \_\_\_\_\_

**SURVEY**  AGREE  UN-DECIDED  DIS-AGREE

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE?  
 YES  NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL **36.36<sup>00</sup>**

FROM CONTINUATION PAGE(S) **4132<sup>51</sup>**

SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE

**CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES** The customer hereby acknowledges receipt of the materials and services listed on this ticket.

|   |  |   |                       |                      |
|---|--|---|-----------------------|----------------------|
| CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT)<br><u>[Signature]</u> | CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)<br><u>X [Signature]</u> | HALLIBURTON OPERATOR/ENGINEER<br><u>[Signature]</u> | EMP #<br><u>59179</u> | HALLIBURTON APPROVAL |
|---|--|---|-----------------------|----------------------|

or state statute to the extent  
 on is made in w  
 7, Texas 770

**HALLIBURTON**

**TICKET CONTINUATION**

**DUNCAN COPY**

112 P.C

TICKET No. 6778  
 DATE 6-25-94  
 PAGE 10 OF 10

FORM 1911 R-10

**HALLIBURTON ENERGY SERVICES**

CUSTOMER **APC**

WELL **USA "AO"**

| PRICE REFERENCE | SECONDARY REFERENCE/<br>PART NUMBER | ACCOUNTING |      |    | DESCRIPTION                   | QTY.         |              | U/M       |  | UNIT PRICE | AMOUNT |     |
|-----------------|-------------------------------------|------------|------|----|-------------------------------|--------------|--------------|-----------|--|------------|--------|-----|
|                 |                                     | LOC        | ACCT | DF |                               |              |              |           |  |            |        |     |
| 504-050         | 516.00265                           |            |      |    | Premium Plus Cement           | 185          | sk           |           |  | 10.36      | 1916   | 60  |
| 500-959         | 70.15524                            |            |      |    | Diacel "D" 20%/145sk/10%-40sk | 3102         | lb           |           |  | 42         | 1302   | 84  |
| 507-210         | 890.50071                           |            |      |    | Flocele 1/4#/185sk            | 46           | lb           |           |  | 1.65       | 75     | 190 |
| 509-406         | 890.50812                           |            |      |    | Calcium Chloride 2%/185sk     | 3            | sk           |           |  | 36.75      | 110    | 25  |
| SERVICE CHARGE  |                                     |            |      |    |                               |              |              |           |  |            |        |     |
| 500-207         |                                     |            |      |    |                               |              |              |           |  |            |        |     |
| 500-306         |                                     |            |      |    |                               |              |              |           |  |            |        |     |
|                 |                                     |            |      |    | MILEAGE CHARGE                | TOTAL WEIGHT | LOADED MILES | TON MILES |  | CUBIC FEET |        |     |
|                 |                                     |            |      |    |                               | 20,816       | 23           | 239.38    |  | 1.35       | 499    | 50  |
|                 |                                     |            |      |    |                               |              |              |           |  | 95         | 227    | 42  |

ORIGINAL

No. B 262536

CONTINUATION TOTAL 4132.5

6-22-94

 CUSTOMER: **Anadarko PET**      WELL NO.: **1 H**      LEASE: **USA AO**      JOB TYPE: **8 7/8 surface**      TICKET NO.: **677881**

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS |   | PRESSURE (PSI)        |        | DESCRIPTION OF OPERATION AND MATERIALS                           |
|-----------|------|------------|--------------------|-------|---|-----------------------|--------|--|
|           |      |            |                    | T     | C | TUBING                | CASING |  |
|           | 0830 |            |                    |       |   |                       |        | Called out   |
|           | 1100 |            |                    |       |   |                       |        | On Location Safety Meeting<br>Rig up                             |
|           |      |            |                    |       |   |                       |        | Run pipe <b>ORIGINAL</b><br>Drop Ball<br>Circulate with Rig Pump |
|           | 1238 |            |                    |       |   |                       |        | Hook up cement Iron  |
|           | 1242 | 6          | 653                |       | ✓ | 200                   |        | Start lead cement  |
|           | 1255 | 6          | 283                |       | ✓ | 200                   |        | Start tail cement  |
|           | 1300 |            |                    |       |   |                       |        | Release plug   |
|           | 1301 | 6          | 51                 |       | ✓ | <del>200</del><br>450 |        | Displace Plug  |
|           | 1310 | 1          |                    |       | ✓ | 800                   |        | Land Plug  |
|           | 1313 |            |                    |       |   |                       |        | Release psi check float ok                                       |
|           |      |            |                    |       |   |                       |        | Circulated cement  |





# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

OK City  
Liberal

BILLED ON TICKET NO.

672881

CUSTOMER: Anderson Petroleum Lease  
WELL NO.: 14  
JOB TYPE: 6 3/4 Surface  
DATE: 6-22-94

FIELD \_\_\_\_\_ SEC. 20 TWP. 33S RNG. 40W COUNTY Morton STATE Ks

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_  
PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

|              | NEW USED | WEIGHT    | SIZE        | FROM     | TO         | MAXIMUM PSI ALLOWABLE |
|--------------|----------|-----------|-------------|----------|------------|-----------------------|
| CASING       | <u>N</u> | <u>24</u> | <u>85/8</u> | <u>0</u> | <u>825</u> |                       |
| LINER        |          |           |             |          |            |                       |
| TUBING       |          |           |             |          |            |                       |
| OPEN HOLE    |          |           |             |          |            | SHOTS/FT.             |
| PERFORATIONS |          |           |             |          |            |                       |
| PERFORATIONS |          |           |             |          |            |                       |
| PERFORATIONS |          |           |             |          |            |                       |

### JOB DATA

| CALLLED OUT         | ON LOCATION         | JOB STARTED         | JOB COMPLETED       |
|---------------------|---------------------|---------------------|---------------------|
| DATE <u>6-22-94</u> | DATE <u>6-22-94</u> | DATE <u>6-22-94</u> | DATE <u>6-22-94</u> |
| TIME <u>0830</u>    | TIME <u>1100</u>    | TIME <u>1230</u>    | TIME <u>1310</u>    |

### TOOLS AND ACCESSORIES

| TYPE AND SIZE                  | QTY.     | MAKE     |
|--------------------------------|----------|----------|
| FLOAT COLLAR <u>Auto Fill</u>  | <u>1</u> | <u>H</u> |
| FLOAT SHOE <u>Insert float</u> | <u>1</u> | <u>H</u> |
| GUIDE SHOE <u>Texas</u>        | <u>1</u> | <u>O</u> |
| CENTRALIZERS <u>S4</u>         | <u>9</u> | <u>W</u> |
| BOTTOM PLUG                    |          |          |
| TOP PLUG <u>5W</u>             | <u>1</u> | <u>C</u> |
| HEAD <u>PC</u>                 | <u>1</u> | <u>O</u> |
| PACKER                         |          |          |
| OTHER <u>weld A</u>            | <u>1</u> |          |

### PERSONNEL AND SERVICE UNITS

| NAME                | UNIT NO. & TYPE | LOCATION          |
|---------------------|-----------------|-------------------|
| <u>D. Nicholas</u>  | <u>50078</u>    | <u>Liberal Ks</u> |
| <u>41525</u>        |                 |                   |
| <u>H Tedder</u>     | <u>50404</u>    |                   |
| <u>56623</u>        | <u>7151</u>     |                   |
| <u>C. Connelson</u> | <u>52827</u>    |                   |
| <u>G 2569</u>       | <u>75817</u>    | <u>Hugoton</u>    |
| <u>D. Hamilton</u>  | <u>4173</u>     |                   |
| <u>G 3090</u>       | <u>4573</u>     |                   |

### MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API  
DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API  
PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN  
NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN  
FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_  
PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_  
OTHER \_\_\_\_\_  
OTHER \_\_\_\_\_

DEPARTMENT Cement  
DESCRIPTION OF JOB 8 3/4 Surface  
JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
CUSTOMER REPRESENTATIVE [Signature]  
HALLIBURTON OPERATOR [Signature] COPIES REQUESTED \_\_\_\_\_

### CEMENT DATA

| STAGE | NUMBER OF SACKS | CEMENT             | BRAND | BULK SACKED | ADDITIVES                 | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|-------|-----------------|--------------------|-------|-------------|---------------------------|------------------|-----------------|
|       | <u>240</u>      | <u>75/25 Poz H</u> |       |             | <u>2% CC 1/4" Floccle</u> | <u>1.08</u>      | <u>15.3</u>     |
|       | <u>150</u>      | <u>H</u>           |       |             | <u>2% CC 1/4" Floccle</u> | <u>1.06</u>      | <u>16.4</u>     |

### PRESSURES IN PSI

### SUMMARY

### VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 57  
SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. 65.3 - 28.3  
HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_  
ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ REMARKS Circulated Cement  
AVERAGE RATES IN BPM \_\_\_\_\_  
TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
CEMENT LEFT IN PIPE \_\_\_\_\_  
FEET 38 REASON Insert float



CHARGE TO: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

**TICKET**  
 No. **677881 - 6**  
 COPY \_\_\_\_\_  
 PAGE \_\_\_\_\_

FORM 1906 R-13

|                                |   |  |                       |                   |                                |                  |                   |
|--------------------------------|---|--|-----------------------|-------------------|--------------------------------|------------------|-------------------|
| SERVICE LOCATIONS<br>1. L.L. 1 | WELL/PROJECT NO.<br>1 H   | LEASE<br>A.S.D. 2 AD   | COUNTY/PARISH<br>MONT | STATE<br>KS       | CITY/OFFSHORE LOCATION<br>WELL | DATE<br>11/17/74 | OWNER<br>Kanso    |
| 2. 1                           | TICKET TYPE<br><input type="checkbox"/> SERVICE<br><input type="checkbox"/> SALES | NITROGEN JOB?<br><input type="checkbox"/> YES<br><input type="checkbox"/> NO | CONTRACTOR<br>N       | RIG NAME/NO.<br>2 | SHIPPED VIA                    | DELIVERED TO     | ORDER NO.<br>2075 |
| 3.                             | WELL TYPE   | WELL CATEGORY  | JOB PURPOSE           | WELL PERMIT NO.   | WELL LOCATION                  | 2075-11011       |                   |
| 4.                             | REFERRAL LOCATION   | INVOICE INSTRUCTIONS   |                       |                   |                                |                  |                   |

| PRICE REFERENCE | SECONDARY REFERENCE/<br>PART NUMBER | ACCOUNTING |      |    | DESCRIPTION | QTY. | U/M | QTY. | U/M | UNIT PRICE | AMOUNT  |
|-----------------|-------------------------------------|------------|------|----|-------------|------|-----|------|-----|------------|---------|
|                 |                                     | LOC        | ACCT | DF |             |      |     |      |     |            |         |
|                 |                                     |            |      |    | MILEAGE     | 1.0  | HR  |      |     | 75         | 75.00   |
|                 |                                     |            |      |    | Pump Life   | 8.0  | FT  |      |     | 112.50     | 890.00  |
|                 |                                     |            |      |    | Wells       | 4    | HR  |      |     | 180.00     | 720.00  |
|                 |                                     |            |      |    | COND. TRNG  | 31   | HR  |      |     | 180.65     | 5600.00 |
|                 |                                     |            |      |    | TRNG + FLTR | 1    | HR  |      |     | 170.00     | 170.00  |
|                 |                                     |            |      |    | A.T. 511    | 1    | HR  |      |     | 530.00     | 530.00  |
|                 |                                     |            |      |    | CAT. 1      | 9    | HR  |      |     | 65.00      | 585.00  |
|                 |                                     |            |      |    | CAT. 2      | 1    | HR  |      |     | 122.00     | 122.00  |
|                 |                                     |            |      |    | TRNG        | 1    | HR  |      |     | 14.00      | 14.00   |

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE  
*X Jim Baalson*

DATE SIGNED: 11-17-74 TIME SIGNED: 11:00 A.M.

do  do not require IPC (Instrument Protection).  Not offered

SUB SURFACE SAFETY VALVE WAS:  
 PULLED & RETURN  PULLED  RUN

TYPE LOCK \_\_\_\_\_ DEPTH \_\_\_\_\_  
 BEAN SIZE \_\_\_\_\_ SPACERS \_\_\_\_\_  
 TYPE OF EQUALIZING SUB. \_\_\_\_\_ CASING PRESSURE \_\_\_\_\_  
 TUBING SIZE \_\_\_\_\_ TUBING PRESSURE \_\_\_\_\_ WELL DEPTH \_\_\_\_\_  
 TREE CONNECTION \_\_\_\_\_ TYPE VALVE \_\_\_\_\_

**SURVEY** \_\_\_\_\_  
 OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? \_\_\_\_\_  
 WE UNDERSTOOD AND MET YOUR NEEDS? \_\_\_\_\_  
 OUR SERVICE WAS PERFORMED WITHOUT DELAY? \_\_\_\_\_  
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? \_\_\_\_\_  
 ARE YOU SATISFIED WITH OUR SERVICE?  
 YES  NO  
 CUSTOMER DID NOT WISH TO RESPOND

|   |      |     |    |
|---|------|-----|----|
| PAGE TOTAL                                | 2    | 131 | 25 |
| FROM CONTINUATION PAGE(S)                 | 1093 | 29  |    |
| SUB-TOTAL                                 | 8224 | 54  |    |
| APPLICABLE TAXES WILL BE ADDED ON INVOICE |      |     |    |

**CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES** The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): *Jim Baalson*  
 CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): *X Jim Baalson*  
 HALLIBURTON OPERATOR/ENGINEER: *Carol ...*  
 HALLIBURTON APPROVAL: \_\_\_\_\_

