

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

API NO. 15 189,21612-0000  
County STEVENS  
ORIGINAL  
- W/2 - NE Sec. 4 Twp. 33S Rge. 38 X <sup>E</sup>/<sub>W</sub>

Operator: License # 4549

Name: Anadarko Petroleum Corporation

Address P. O. Box 351

City/State/Zip Liberal, KS 67905-0351

Purchaser: To Be Determined

Operator Contact Person: J. L. Ashton

Phone ( 316 ) 624-6253

Contractor: Name: Gabbert-Jones, Inc.

License: 5842

Wellsite Geologist: NA **KCC**

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/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

3/6/94 3/18/94 6/8/94  
Spud Date Date Reached TD Completion Date

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

1420 Feet from (E/W) (circle one) Line of Section

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

Lease Name Perry "A" Well # 2

Field Name Gentzler

Producing Formation Morrow

Elevation: Ground 3178 KB -

Total Depth 6260 PBTB 6186

Amount of Surface Pipe Set and Cemented at 1700 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 ALT 1 JZ 11-1-94  
(Data must be collected from the Reserve Pit)

Chloride content 34,551 ppm Fluid volume 5,000 bbls

Dewatering method used Natural Evaporation

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

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

Lease Name \_\_\_\_\_

1/11 26 1995 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, 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  
Title Sr. Technical Assistant Date 6/29/94

Subscribed and sworn to before me this 29 day of June 1994.

Notary Public Cheryl Steers

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)

Operator Name Anadarko Petroleum Corporation Lease Name Perry "A" Well # 2  
 Sec. 4 Twp. 33S Rge. 38  East  West  
 County Stevens

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 Datum | <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/Stone Corral                          | 1711                             |                                 |
| Electric Log Run<br>(Submit Copy.)                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Krider                                  | 2493                             |                                 |
| List All E.Logs Run: DUAL INDUCTION                   |   | Council Grove                           | 2806                             |                                 |
| FRAC # HITE   |   | Toronto                                 | 4060                             |                                 |
| MSG CEMENT BOND                                       |   | Lansing                                 | 4154                             |                                 |
| DIGITAL LONG-SPACED SONIC                             |   | Marmaton                                | 4870                             |                                 |
| MICRO   |   | Cherokee                                | 5068                             |                                 |
| COMPENSATED NEUTRON                                   |   | Morrow                                  | 5630                             |                                 |
|   |   | L. Morrow                               | 6008                             |                                 |
|   |   | Chester                                 | 6129                             |                                 |
|   |   | St. Genevieve                           | 6219                             |                                 |

| 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              | 1700          | Pozmix & Common  | 600<br>200   | 4% gel, 2% cc                         |
| Production  | 7 7/8             | 5 1/2                     | 15.5            | 6259          | Pozmix & Thixset | 50<br>155    | 1#/sx flocele<br>2% cc, 1#/sx flocele |
|   |                   | FO TOQL @ 3152 (TechLine) |                 |               | Pozmix           | 100          |                                       |

| ADDITIONAL CEMENTING/SQUEEZE RECORD               |                  |                |             |                            |
|---|------------------|----------------|-------------|----------------------------|
| Purpose:  | Depth Top-Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate                |                  | Pozmix         | 50          |                            |
| <input type="checkbox"/> Protect Casing           | 2820             | Class "H"      | 25          | Squeeze Perfs              |
| <input type="checkbox"/> Plug Back TD             |                  | Class "H"      | 25          | 2% cc                      |
| <input checked="" type="checkbox"/> Plug Off Zone | 2830             | Class "H"      | 50          |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type  |  | Acid, Fracture, Shot, Cement Squeeze Record                          |         |
|----------------|---|--|--|---------|
|                | Specify Footage of Each Interval Perforated |  | (Amount and Kind of Material Used)                                   | Depth   |
| 4              | 6094-96                                     |  | Spot 200 gals 7 1/2% HCl acid. Total acid 500 gals.                  | 6094-96 |
| 2              | 6039-66, 6011-14                            |  | Acidize perfs w/3000 gals 7 1/2% FeHCl acid + 100 B.S. (1.1 SG)      | 6011-66 |
|                |   |  | Acidize w/600 gal 15% Fe acid.                                       | 6011-14 |
|                |   |  | Frac w/54,982 gal frac gel x-linked, 2% KCL wtr + 113,000# 20/40 sd. |         |

|  |  |                       |           |   |
|--|--|-----------------------|-----------|---|
| <b>TUBING RECORD</b>                           | Size <u>2 3/8</u>  | Set At <u>5936-37</u> | Packer At | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumed Production, SWD or Inj. | Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |                       |           |   |
| SI WO PIPELINE                                 |  |                       |           |   |
| Estimated Production Per 24 Hours              | Oil  | Bbls.                 | Gas Mcf   | Water Bbls. Gas-Oil Ratio Gravity   |
|  |  |                       | 1450      |   |

|                             |  |  |                     |
|-----------------------------|--|--|---------------------|
| Disposition of Gas:         | <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease  | METHOD OF COMPLETION                     | Production Interval |
| (If vented, submit ACO-18.) | <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled | <input type="checkbox"/> Other (Specify) | 6011-6096           |



CHARGE TO: Anadarko Pet. Corp  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

COPY \_\_\_\_\_ TICKET  
**CONFIDENTIAL** No. **575207 - 6**  
 PAGE 1 OF 1

**ORIGINAL**

FORM 1906 R-13

|   |  |  |                                 |                              |                        |                                      |                      |
|---|--|--|---------------------------------|------------------------------|------------------------|--------------------------------------|----------------------|
| SERVICE LOCATIONS<br>1. <u>225040 Hobbs</u> | WELL/PROJECT NO.<br><u>A-2</u>                             | LEASE<br><u>Perry</u>  | COUNTY/PARISH<br><u>Stearns</u> | STATE<br><u>Ks</u>           | CITY/OFFSHORE LOCATION | DATE<br><u>3-29-94</u>               | OWNER<br><u>Sunc</u> |
| 2. <u>225035 Hobbs</u>                      | TICKET TYPE<br><input checked="" type="checkbox"/> SERVICE | NITROGEN JOB?<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | CONTRACTOR<br><u>Bruce</u>      | RIG NAME/NO.<br><u>Bruce</u> | SHIPPED VIA            | DELIVERED TO<br><u>Loc 306 Hobbs</u> | ORDER NO.            |
| 3.  | WELL TYPE  | WELL CATEGORY  | JOB PURPOSE<br><u>075</u>       | WELL PERMIT NO.              | WELL LOCATION          |                                      |                      |
| 4.  | REFERRAL LOCATION  | INVOICE INSTRUCTIONS   |                                 |                              |                        |                                      |                      |

| PRICE REFERENCE | SECONDARY REFERENCE/<br>PART NUMBER | ACCOUNTING |       |    | DESCRIPTION         | QTY. |    | U/M |    | UNIT PRICE | AMOUNT   |
|-----------------|-------------------------------------|------------|-------|----|---------------------|------|----|-----|----|------------|----------|
|                 |                                     | LOC        | ACCT. | DF |                     |      |    |     |    |            |          |
| 200-117         |                                     | 1          |       |    | MILEAGE             | 76   | hr | 1   | KA | 2.75       | 209.00   |
| 109-134         |                                     | 1          |       |    | Pump Charge 3-29-94 | 2829 | hr | 6   | hr |            | 1,395.00 |
| 100-119         |                                     | 1          |       |    | return miles        | 76   | mi | 1   | KA | 1.45       | 110.00   |
| 209-121         |                                     | 1          |       |    | Pump Charge 3-30-94 | 2665 | hr | 6   | hr |            | 1,395.00 |

RELEASED JUL 26 1995  
 FROM CONFIDENTIAL  
 RECEIVED CORPORATION COMMISSION  
 JUL 05 1994  
 CONSERVATION DIVISION  
 WICHITA KS  
 JUN 29  
 CONFIDENTIAL

|   |  |                 |   |   |   |
|---|--|-----------------|---|---|---|
| <b>LEGAL TERMS:</b> Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, <b>PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY</b> provisions.<br>CUSTOMER OR CUSTOMER'S AGENT SIGNATURE<br><u>X Terry Lewis</u><br>DATE SIGNED <u>3-29-94</u> TIME SIGNED <u>15:37</u> <input type="checkbox"/> A.M. <input checked="" type="checkbox"/> P.M.<br><input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered | SUB SURFACE SAFETY VALVE WAS:<br><input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN |                 | <b>SURVEY</b><br>AGREE UN-DECIDED DIS-AGREE |   | PAGE TOTAL<br>FROM CONTINUATION PAGE(S)<br>SUB-TOTAL<br>APPLICABLE TAXES WILL BE ADDED ON INVOICE |
|   | TYPE LOCK  | DEPTH           | OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?  |   |   |
|   | BEAN SIZE  | SPACERS         | WE UNDERSTOOD AND MET YOUR NEEDS?           |   |   |
|   | TYPE OF EQUALIZING SUB.  | CASING PRESSURE | OUR SERVICE WAS PERFORMED WITHOUT DELAY?    |   |   |
| TUBING SIZE   | TUBING PRESSURE  | WELL DEPTH      |   | WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?                        |   |
| TREE CONNECTION   | TYPE VALVE   |                 |   | ARE YOU SATISFIED WITH OUR SERVICE?<br><input type="checkbox"/> YES <input type="checkbox"/> NO |   |
|   |  |                 |   | <input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND                                       |   |

**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>Terry Lewis</u> | CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)<br><u>X Terry Lewis</u> | HALLIBURTON OPERATOR/ENGINEER<br><u>Tim Bohannon</u> | EMP #<br><u>57745</u> | HALLIBURTON APPROVAL |
|---|--|--|-----------------------|----------------------|



HALLIBURTON

HALLIBURTON-ENERGY SERVICES

CONFIDENTIAL

TICKET CONTINUATION

CUSTOMER COPY

1

TICKET No. 57528

FORM 1911 R-10

CUSTOMER APC ORIGINAL

WELL Perry

DATE 3-29-94 PAGE 1 OF

| PRICE REFERENCE | SECONDARY REFERENCE/<br>PART NUMBER | ACCOUNTING |      |    | DESCRIPTION  | QTY.         | U/M           | QTY.         | U/M                     | UNIT PRICE | AMOUNT  |  |
|-----------------|-------------------------------------|------------|------|----|--|--------------|---------------|--------------|-------------------------|------------|---|--|
|                 |                                     | LOC.       | ACCT | DF |  |              |               |              |                         |            |   |  |
| 504-043         | 516.00272                           |            |      |    | Premium Cement   | 25           | sk            |              |                         | 9.44       | 236.00  |  |
| 500-058         |                                     |            |      |    | Minium Delivery Charge                                   | 25           | sk            |              |                         | 9.44       | 236.00  |  |
|                 |                                     |            |      |    | RECEIVED<br>KANSAS CORPORATION COMMISSION<br>JUL 05 1994 |              | KCC<br>JUN 29 |              | RELEASED<br>JUL 26 1995 |            | CONFIDENTIAL<br>CONSERVATION DIVISION<br>WICHITA, KS<br>FROM CONFIDENTIAL |  |
| 500-207         |                                     |            |      |    | SERVICE CHARGE   |              |               |              |                         | 1.35       | 67.5  |  |
| 500-306         |                                     |            |      |    | MILEAGE CHARGE   | TOTAL WEIGHT | 2,350         | LOADED MILES | 8                       | CUBIC FEET | 50  |  |
|                 |                                     |            |      |    |  |              |               | TON MILES    | 9.4                     | 95         | 75  |  |

No. B 235500

CONTINUATION TOTAL

CONFIDENTIAL



ORIGINAL

DATE 3-28-9  
TICKET NO. 575205

JOB LOG FORM 2013 R-4

CUSTOMER Anadarko P.A. WELL NO. A-2 LEASE (P110) JOB TYPE 205

| CHART NO. | TIME  | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS |   | PRESSURE (PSI) |        | DESCRIPTION OF OPERATION AND MATERIALS  |
|-----------|-------|------------|--------------------|-------|---|----------------|--------|---|
|           |       |            |                    | T     | C | TUBING         | CASING |   |
|           | 10:00 |            |                    |       |   |                |        | Call out on hoc R <sub>g</sub> Take off B.O.P.                                |
|           | 13:45 | 3          |                    |       |   |                | 35     | Pump 2 1/2 KCH <sup>1 1/2</sup> Ahead to get cir of Hole                      |
|           |       | "          | 23                 |       |   |                | 300    | Mod To Surface from P.S.  |
|           |       | "          | 25                 |       |   |                | "      |   |
|           | 13:53 |            |                    |       |   |                | "      | Mid Plug  |
|           |       |            | 20                 |       |   |                | "      |   |
|           |       |            | 10                 |       |   |                |        | 2 1/2 KCH H <sub>2</sub> O  |
|           | 14:05 |            |                    |       |   |                | 150    | 50 ft 2 1/2 35 P <sub>02</sub> "4"  |
|           |       |            | 16.3               |       |   |                | "      |   |
|           |       | 3          |                    |       |   |                |        | Stop Drop 5-w Plug<br>Dip 1 w H <sub>2</sub> O Start Wire-line<br>Behind Plug |
|           |       | "          |                    |       |   |                | 300    |   |
|           | 14:35 |            | 65                 |       |   |                | 250    | Stop Pumping<br>Wire line 2758 ft   |
|           | 15:15 |            |                    |       |   |                |        | Shot Head in Pull wire-line out   |

RECEIVED  
KANSAS CORPORATION COMMISSION  
JUN 29  
CONFIDENTIAL  
JUL 05 1994  
CONSERVATION DIVISION  
WICHITA, KS  
RELEASED  
JUL 26 1995  
FROM CONFIDENTIAL

Thank you Tim & Crew





# JOB SUMMARY

DIVISION M.A. Unit  
HALLIBURTON LOCATION Liberal, KSBILLED ON TICKET NO. 5750

## WELL DATA

FIELD ORIGINAL SEC. 29 TWP. 30S RING. 35W COUNTY Stanton STATE KSFORMATION 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 2829

|              | NEW USED | WEIGHT | SIZE  | FROM | TO   | MAXIMUM PSI ALLOWABLE |
|--------------|----------|--------|-------|------|------|-----------------------|
| CASING       | N        | 15.5   | 5 1/2 | KB   | 2829 | 1500                  |
| LINER        |          |        |       |      |      |                       |
| TUBING       |          |        | 2 1/2 | KB   | 2829 | 11                    |
| OPEN HOLE    |          |        |       |      |      | SHOTS/FT.             |
| PERFORATIONS |          |        |       | 2500 |      |                       |
| PERFORATIONS |          |        |       |      |      |                       |
| PERFORATIONS |          |        |       |      |      |                       |

## JOB DATA

### TOOLS AND ACCESSORIES

| TYPE AND SIZE | QTY. | MAKE |
|---------------|------|------|
| FLOAT COLLAR  |      |      |
| FLOAT SHOE    |      |      |
| GUIDE SHOE    |      |      |
| CENTRALIZERS  |      |      |
| BOTTOM PLUG   |      |      |
| TOP PLUG      |      |      |
| HEAD          |      |      |
| PACKER        |      |      |
| OTHER         |      |      |

| CALLED OUT          | ON LOCATION         | JOB STARTED         | JOB COMPLETED |
|---------------------|---------------------|---------------------|---------------|
| DATE <u>3-27-94</u> | DATE <u>3-29-94</u> | DATE <u>3-29-94</u> | DATE _____    |
| TIME <u>13:50</u>   | TIME <u>16:30</u>   | TIME <u>16:25</u>   | TIME _____    |

## PERSONNEL AND SERVICE UNITS

| NAME              | UNIT NO. & TYPE   | LOCATION           |
|-------------------|-------------------|--------------------|
| <u>T Bohannon</u> | <u>40076 P.O.</u> | <u>Liberal, KS</u> |
| <u>S Tapp</u>     | <u>52005 P.</u>   | <u>"</u>           |
| <u>E Alie</u>     | <u>75374 P.</u>   | <u>"</u>           |
| <u>M Lewis</u>    | <u>4426 B</u>     | <u>Hogeban, KS</u> |
| <u>"</u>          | <u>6610 B</u>     | <u>"</u>           |
| <u>"</u>          | <u>50037 B</u>    | <u>"</u>           |
| <u>"</u>          | <u>52005 B</u>    | <u>"</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. \_\_\_\_\_  
NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_  
FLUID LOSS ADD. TYPE \_\_\_\_\_ IN \_\_\_\_\_  
GELLING AGENT TYPE \_\_\_\_\_ IN \_\_\_\_\_  
FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_  
BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_  
BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_  
PERFPAC BALLS TYPE \_\_\_\_\_  
OTHER \_\_\_\_\_  
OTHER \_\_\_\_\_

DEPARTMENT 5001 JUN 29  
DESCRIPTION OF JOB 075 **CONFIDENTIAL**  
JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
CUSTOMER REPRESENTATIVE X Terry Lewis  
HALLIBURTON OPERATOR Tim Bohannon COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

| STAGE    | NUMBER OF SACKS | CEMENT      | BRAND    | BULK SACKED | ADDITIVES   | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|----------|-----------------|-------------|----------|-------------|-------------|------------------|-----------------|
| <u>1</u> | <u>25</u>       | <u>Prem</u> | <u>H</u> | <u>B</u>    | <u>Nsat</u> | <u>1.06</u>      | <u>16.4</u>     |

**RELEASED**

## PRESSURES IN PSI

## SUMMARY

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_  
BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_  
AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_  
SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_  
HYDRAULIC HORSEPOWER \_\_\_\_\_  
ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_  
AVERAGE RATES IN BPM \_\_\_\_\_  
TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
CEMENT LEFT IN PIPE \_\_\_\_\_  
FEET \_\_\_\_\_ REASON \_\_\_\_\_

PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL. BBL.-GAL. 10  
CEMENT SLURRY: BBL.-GAL. 4.7  
TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

## REMARKS

Approved by P.T. Campbell  
 PERM  
 WELL NO. A-2  
 JOB TYPE 075  
 DATE 3-29-94

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
 JUL 05 1994  
 CONSERVATION DIVISION  
 WICHITA, KS



CHARGE TO:

Amada K. PA. Corp.

COPY

TICKET

No.

575205 - 4

ADDRESS

CITY, STATE, ZIP CODE

ORIGINAL CONFIDENTIAL

PAGE 1 OF 1

FORM 1906 R-13

|                   |  |   |               |                 |                        |              |           |
|-------------------|--|---|---------------|-----------------|------------------------|--------------|-----------|
| SERVICE LOCATIONS | WELL/PROJECT NO.   | LEASE   | COUNTY/PARISH | STATE           | CITY/OFFSHORE LOCATION | DATE         | OWNER     |
| 1. 025540 Liberal | A-2  | Permit  | Stroms        | KS              |                        | 03-28-94     | 50 inc    |
| 2. 025535 Augusta |  |   |               |                 |                        |              |           |
| 3.                | TICKET TYPE<br><input checked="" type="checkbox"/> SERVICE<br><input type="checkbox"/> SALES | NITROGEN JOB?<br><input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO | CONTRACTOR    | RIG NAME/NO.    | SHIPPED VIA            | DELIVERED TO | ORDER NO. |
|                   |  |   | Brucce        | Boer #6         |                        | loc          |           |
| 4.                | WELL TYPE  | WELL CATEGORY   | JOB PURPOSE   | WELL PERMIT NO. | WELL LOCATION          |              |           |
|                   | 02   | 02  | 205           |                 | 34-323-28              |              |           |
| REFERRAL LOCATION | INVOICE INSTRUCTIONS   |   |               |                 |                        |              |           |

RELEASED  
 JUL 26 1995  
 FROM CONFIDENTIAL

| PRICE REFERENCE | SECONDARY REFERENCE/PART NUMBER | ACCOUNTING |      |    | DESCRIPTION    | QTY. | UM  | QTY. | UM  | UNIT PRICE | AMOUNT |
|-----------------|---------------------------------|------------|------|----|----------------|------|-----|------|-----|------------|--------|
|                 |                                 | LOC        | ACCT | DF |                |      |     |      |     |            |        |
| 200-117         |                                 |            |      |    | MILEAGE        | 40   | mi  |      |     | 2.75       | 110.00 |
| 211-205         |                                 |            |      |    | Weld Charge    | 500  | psi | 2570 | psi | 1.70       | 835.00 |
| 250-018         |                                 |            |      |    | Weld Plus      | 58   | lb  | 1    | lb  | 11.50      | 65.00  |
| 113-315         |                                 |            |      |    | Weld Plus      | 840  | gal | 1    | gal | 65.00      | 546.00 |
| 118-733         |                                 |            |      |    | Clay P. H.     | 4    | gal | 1    | gal | 24.00      | 96.00  |
| 129-739         |                                 |            |      |    | Majoring Lines |      |     | 1    | hr  |            | 280.00 |

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 KANSAS CORPORATION COMMISSION  
 JUL 05 1994  
 CONSERVATION DIVISION  
 WICHITA, KS

**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.

SUB SURFACE SAFETY VALVE WAS:  
 PULLED & RETURN  PULLED  RUN

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE  
*X*

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

A.M.  P.M.

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

|                         |                 |            |
|-------------------------|-----------------|------------|
| 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?                               |  | <input checked="" type="checkbox"/> |            |           |
| WE UNDERSTOOD AND MET YOUR NEEDS?  |  | <input checked="" type="checkbox"/> |            |           |
| OUR SERVICE WAS PERFORMED WITHOUT DELAY?                                 |  | <input checked="" type="checkbox"/> |            |           |
| WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? |  | <input checked="" type="checkbox"/> |            |           |
| ARE YOU SATISFIED WITH OUR SERVICE?                                      | <input type="checkbox"/> YES <input type="checkbox"/> NO |                                     |            |           |
| <input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND                |  |                                     |            |           |

|   |          |
|---|----------|
| PAGE TOTAL                                | 1,932.00 |
| FROM CONTINUATION PAGE(S)                 | 562.50   |
| SUB-TOTAL                                 | 2,494.50 |
| 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) | CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) | HALLIBURTON OPERATOR/ENGINEER | EMP # | HALLIBURTON APPROVAL |
| W. H. ...                                   | <i>X</i>                                 | Tim Bohannon                  | 87718 |                      |





# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

Mud Cont.  
Liberal KS

BILLED TICKET NO.

## WELL DATA

FIELD **CONFIDENTIAL** SEC. **34** TWP. **23** RING. **38** COUNTY **Stevens** 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 **2520**

|              | NEW USED | WEIGHT | SIZE  | FROM | TO   | MAXIMUM PSI ALLOWABLE |
|--------------|----------|--------|-------|------|------|-----------------------|
| CASING       | N        | 153    | 5 1/2 | EL   | 2820 | 2500                  |
| LINER        |          |        |       |      |      |                       |
| TUBING       |          |        |       |      |      |                       |
| OPEN HOLE    |          |        |       |      |      | SHOTS/FT.             |
| PERFORATIONS |          |        |       |      |      |                       |
| PERFORATIONS |          |        |       |      |      |                       |
| PERFORATIONS |          |        |       |      |      |                       |

## JOB DATA

| TYPE AND SIZE | QTY. | MAKE |
|---------------|------|------|
| FLOAT COLLAR  |      |      |
| FLOAT SHOE    |      |      |
| GUIDE SHOE    |      |      |
| CENTRALIZERS  |      |      |
| BOTTOM PLOG   |      |      |
| TOP PLOG      |      |      |
| HEAD          |      |      |
| PACKER        |      |      |
| OTHER         |      |      |

| CALLER OUT          | ON LOCATION         | JOB STARTED         | JOB COMPLETED       |
|---------------------|---------------------|---------------------|---------------------|
| DATE <b>3-28-94</b> | DATE <b>3-28-94</b> | DATE <b>3-28-94</b> | DATE <b>3-28-94</b> |
| TIME <b>10:00</b>   | TIME <b>10:30</b>   | TIME <b>13:45</b>   | TIME <b>15:15</b>   |

## PERSONNEL AND SERVICE UNITS

| NAME               | UNIT NO. & TYPE   | LOCATION          |
|--------------------|-------------------|-------------------|
| <b>T. Bahannon</b> | <b>40076 P.O.</b> | <b>Liberal KS</b> |
| <b>S. Tate</b>     | <b>57748</b>      | <b>" "</b>        |
| <b>M. House</b>    | <b>52323</b>      | <b>" "</b>        |
|                    | <b>75374 P.</b>   | <b>" "</b>        |
|                    | <b>F7343</b>      | <b>Hugoton KS</b> |

**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 **5001 Unit**

DESCRIPTION OF JOB **205**

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.

CUSTOMER REPRESENTATIVE **X J P**

HALLIBURTON OPERATOR \_\_\_\_\_ COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

| STAGE    | NUMBER OF SACKS | CEMENT         | BRAND | BULK SACKED | ADDITIVES                | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|----------|-----------------|----------------|-------|-------------|--------------------------|------------------|-----------------|
| <b>1</b> | <b>50</b>       | <b>HLC "H"</b> |       | <b>B</b>    | <b>6% Total L.L. NCC</b> | <b>1.84</b>      | <b>12.4</b>     |
|          |                 |                |       |             |                          |                  |                 |
|          |                 |                |       |             |                          |                  |                 |

**PRESSURES IN PSI**

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN. \_\_\_\_\_

HYDRAULIC HORSEPOWER \_\_\_\_\_

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

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

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

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

FEET **50** REASON **5-w stop point**

## SUMMARY

**VOLUMES**

PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_

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

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. **15.9**

CEMENT SLURRY: BBL.-GAL. **16.3**

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

## REMARKS

**RELEASED**

**JUL 26 1995**

**FROM CONFIDENTIAL**

CUSTOMER:

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KANSAS CORPORATION COMMISSION  
JUL 05 1994  
CONSERVATION DIVISION  
WICHITA KS

**CONFIDENTIAL**

Modification is made...  
 State statute to the extent...  
 are pe...  
 A-2  
 WELL NO. A-2  
 JOB TYPE  
 DATE 3-28-94



HALLIBURTON

HALLIBURTON ENERGY SERVICES

CONFIDENTIAL

TICKET CONTINUATION

CUSTOMER COPY / 81

TICKET

No. 575205

FORM 1911 R-10

CUSTOMER Anadarko Petroleum Corp.

WELL Perry #A-2

DATE 02-28-94

PAGE 1 OF 1

| PRICE REFERENCE  | SECONDARY REFERENCE/<br>PART NUMBER | ACCOUNTING |      |    | DESCRIPTION              | QTY.         |      | U/M          |   | UNIT PRICE | AMOUNT |    |
|--|-------------------------------------|------------|------|----|--------------------------|--------------|------|--------------|---|------------|--------|----|
|  |                                     | LOC        | ACCT | DF |                          |              |      |              |   |            |        |    |
| 504-118  |                                     |            |      |    | Halliburton Light Cement | 50           | sk   |              |   | 8.40       | 420.00 |    |
| 504-043  | 516.00272                           |            |      |    |                          |              |      |              |   |            |        |    |
| 206-105  | 516.00286                           |            |      |    |                          |              |      |              |   |            |        |    |
| 506-121  | 516.00259                           |            |      |    |                          |              |      |              |   |            |        |    |
| <p style="font-size: 2em; opacity: 0.5;">ORIGINAL</p> <p style="font-size: 1.5em; transform: rotate(-90deg);">RECEIVED</p> <p style="font-size: 1em;">KANSAS CORPORATION COMMISSION</p> <p style="font-size: 1em;">JUL 05 1994</p> <p style="font-size: 1em;">CONSERVATION DIVISION</p> <p style="font-size: 1em;">WICHITA, KS</p> <p style="font-size: 1.5em; transform: rotate(-90deg);">CONFIDENTIAL</p> <p style="font-size: 1.5em; transform: rotate(-90deg);">RELEASED</p> <p style="font-size: 1em;">#JUL 26 1995</p> <p style="font-size: 1.5em; transform: rotate(-90deg);">FROM CONFIDENTIAL</p> |                                     |            |      |    |                          |              |      |              |   |            |        |    |
| 500-207  |                                     |            |      |    | SERVICE CHARGE           | CUBIC FEET   |      | 50           |   | 1.35       | 67     |    |
| 500-306  |                                     |            |      |    | MILEAGE CHARGE           | TOTAL WEIGHT | 4611 | LOADED MILES | 8 | TON MILES  | 18.444 | 95 |

No. B 235490

CONTINUATION TOTAL

JOB LOG FORM 2013 R-4

DATE 7-16-94  
TICKET NO. 598394

CUSTOMER ANDAMKO WELL NO. A-2 LEASE PENA JOB TYPE S/L

| CHART NO. | TIME  | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS |   | PRESSURE (PSI) |        | DESCRIPTION OF OPERATION AND MATERIALS                 |
|-----------|-------|------------|--------------------|-------|---|----------------|--------|--|
|           |       |            |                    | T     | C | TUBING         | CASING |  |
|           | 13:00 |            |                    |       |   |                |        | REG ON LOC<br>ON LOC<br>RIG RUN PIPE<br>SAFETY MEETING |
|           | 14:15 |            |                    |       |   |                |        | Howco Hook up to CILB                                  |
|           | 15:15 |            |                    |       |   |                |        | Howco Hook up TO CMT                                   |
|           |       | 5          | 20                 |       |   | 250            |        | KCL H <sub>2</sub> O                                   |
|           |       | 5          | 30                 |       |   | 250            |        | MUD FLUOS  |
|           |       | 5          | 20                 |       |   | 250            |        | KCL H <sub>2</sub> O                                   |
|           |       | 6          |                    |       |   | 500            |        | START CMT  |
|           |       |            |                    |       |   | 500            |        | FINISH CMT   |
|           |       |            |                    |       |   |                |        | WAS PUMP 2 LINES                                       |
|           |       |            |                    |       |   | 250            |        | START DISP   |
|           |       |            | 147                |       |   | 500            |        | FINISH DISP  |
|           | 16:15 |            |                    |       |   | 1500           |        | DUMP FLOAT   |
|           |       |            |                    |       |   |                |        | NOU<br>JUN 29<br>CONFIDENTIAL                          |
|           |       |            |                    |       |   |                |        | Float HELD YES   |

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JUL 05 1994

CONSERVATION DIVISION  
WICHITA, KS

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JUL 26 1995

FROM CONFIDENTIAL

8907L Serial 1  
 Texas 77056  
 extra copy of



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

*Mid Cont*

*Wichita*

## CONFIDENTIAL

BILLED ON TICKET NO. *57009*

# ORIGINAL

### WELL DATA

FIELD *Wichita* SEC \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_ COUNTY \_\_\_\_\_ STATE \_\_\_\_\_

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       | <i>N</i> | <i>15.7</i> | <i>5 1/2</i> | <i>KB</i> | <i>6250</i> |                       |
| LINER        |          |             |              |           |             |                       |
| TUBING       |          |             |              |           |             |                       |
| OPEN HOLE    |          |             | <i>3 1/2</i> | <i>KB</i> | <i>6250</i> | SHOTS/FT.             |
| PERFORATIONS |          |             |              |           |             |                       |
| PERFORATIONS |          |             |              |           |             |                       |
| PERFORATIONS |          |             |              |           |             |                       |

### JOB DATA

| CALLLED OUT         | ON LOCATION         | JOB STARTED         | JOB COMPLETED       |
|---------------------|---------------------|---------------------|---------------------|
| DATE <i>3-15-94</i> | DATE <i>3-15-94</i> | DATE <i>3-15-94</i> | DATE <i>3-15-94</i> |
| TIME <i>8:00</i>    | TIME <i>12:00</i>   | TIME                | TIME                |

### TOOLS AND ACCESSORIES

| TYPE AND SIZE        | QTY.     | MAKE          |
|----------------------|----------|---------------|
| FLOAT COLLAR         |          |               |
| FLOAT SHOE           |          |               |
| GUIDE SHOE           |          |               |
| CENTRALIZERS         |          |               |
| BOTTOM PLUG          |          |               |
| TOP PLUG <i>5 in</i> | <i>1</i> | <i>Hydrac</i> |
| HEAD                 |          |               |
| PACKER               |          |               |
| OTHER                |          |               |

### 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 \_\_\_\_\_

### PERSONNEL AND SERVICE UNITS.

| NAME             | UNIT NO. & TYPE | LOCATION       |
|------------------|-----------------|----------------|
| <i>C. KIMSON</i> |                 |                |
| <i>E. HOFF</i>   | <i>3581</i>     | <i>Wichita</i> |
| <i>D. PATTEN</i> | <i>4147</i>     |                |
| <i>C. HOFF</i>   | <i>3745</i>     |                |

**NCC**  
**JUN 29**

DEPARTMENT *Cont*

DESCRIPTION OF JOB *5 1/2*

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.

CUSTOMER REPRESENTATIVE *X J. London*

HALLIBURTON OPERATOR *C Kelly*

COPIES REQUESTED \_\_\_\_\_

### CEMENT DATA

| STAGE    | NUMBER OF SACKS | CEMENT       | BRAND         | BULK SACKED    | ADDITIONAL | YIELD CU.FT./95K. | MIXED LBS./GAL. |
|----------|-----------------|--------------|---------------|----------------|------------|-------------------|-----------------|
| <i>1</i> | <i>50</i>       | <i>HLC</i>   | <i>Hydrac</i> | <i>1/2 HFL</i> |            |                   |                 |
| <i>2</i> | <i>155</i>      | <i>75X50</i> | <i>Hydrac</i> |                |            |                   |                 |

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KANSAS CORPORATION COMMISSION  
JUL 05 1994

### PRESSURES IN PSI

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_

HYDRAULIC HORSEPOWER \_\_\_\_\_

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

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

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

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

FEET *42* REASON *Floor*

### SUMMARY

PRESLUSH: BBL.-GAL. *SA WICHITA, KS*

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

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. *142*

CEMENT SLURRY: BBL.-GAL. \_\_\_\_\_

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

**RELEASED**

JUL 26 1995

FROM CONFIDENTIAL

WICHITA  
 LEASE PERM  
 WELL NO. *A-2*  
 JOB TYPE *5 1/2*  
 DATE *3-15-94*

State statute to the extent  
 operation is made in  
 Houston, Texas

**HALLIBURTON**  
**HALLIBURTON ENERGY SERVICES**

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

COPY \_\_\_\_\_  
**TICKET**  
 No. **590394 - 2**  
 PAGE 1 OF \_\_\_\_\_

**ORIGINAL**  
**CONFIDENTIAL**

|  |  |                           |                             |                           |                        |                        |                       |
|--|--|---------------------------|-----------------------------|---------------------------|------------------------|------------------------|-----------------------|
| 1. SERVICE LOCATIONS<br><i>1001 2nd St</i>   | WELL/PROJECT NO.<br><i>A-2</i>   | LEASE<br><i>PERAY</i>     | COUNTY/PARISH<br><i>NOU</i> | STATE<br><i>LA</i>        | CITY/OFFSHORE LOCATION | DATE<br><i>3-18-94</i> | OWNER<br><i>SARIE</i> |
| 2. 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><i>F-J</i>  | RIG NAME/NO.                | SHIPPED VIA<br><i>Loc</i> | DELIVERED TO           | ORDER NO.              |                       |
| 3. WELL TYPE<br><i>01</i>  | WELL CATEGORY<br><i>01</i>   | JOB PURPOSE<br><i>035</i> |                             | WELL PERMIT NO.           | WELL LOCATION          |                        |                       |
| 4. REFERRAL LOCATION   | INVOICE INSTRUCTIONS   |                           |                             |                           |                        |                        |                       |

| PRICE REFERENCE | SECONDARY REFERENCE/PART NUMBER | ACCOUNTING |      |    | DESCRIPTION    | QTY.        |           | U/M       |  | UNIT PRICE   | AMOUNT         |
|-----------------|---------------------------------|------------|------|----|----------------|-------------|-----------|-----------|--|--------------|----------------|
|                 |                                 | LOC        | ACCT | DF |                |             |           |           |  |              |                |
| <i>100-117</i>  |                                 |            |      |    | MILEAGE        | <i>70</i>   |           |           |  | <i>2.71</i>  | <i>192.50</i>  |
| <i>201-016</i>  |                                 |            |      |    | PUMP CHARGE    | <i>6250</i> | <i>1</i>  |           |  |              | <i>1955.00</i> |
| <i>020-016</i>  |                                 |            |      |    | 5 1/2 TOP PLUG | <i>1</i>    |           | <i>5%</i> |  |              | <i>60.00</i>   |
| <i>213-009</i>  |                                 |            |      |    | Mod FLUSS      | <i>1260</i> | <i>01</i> |           |  | <i>65</i>    | <i>819.00</i>  |
| <i>218-728</i>  |                                 |            |      |    | CL-FLX D       | <i>3</i>    | <i>01</i> |           |  | <i>24.00</i> | <i>72.00</i>   |

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 KANSAS CORPORATION COMMISSION  
 JUL 0 5 1994  
 CONSERVATION DIVISION  
 WICHITA, KS  
**RELEASED**  
 JUL 2 6 1995  
 FROM CONFIDENTIAL

|  |  |  |  |  |  |                 |  |   |  |  |   |  |
|--|--|--|--|--|--|-----------------|--|---|--|--|---|--|
| <b>LEGAL TERMS:</b> Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, <b>PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY</b> provisions. |  |  |  | SUB SURFACE SAFETY VALVE WAS:<br><input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN |  |                 |  | <b>SURVEY</b>   |  |  | PAGE TOTAL  |  |
| CUSTOMER OR CUSTOMER'S AGENT SIGNATURE<br><i>X [Signature]</i>   |  |  |  | TYPE LOCK  |  | DEPTH           |  | OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?  |  |  | FROM CONTINUATION PAGE(S)                           |  |
| DATE SIGNED  |  |  |  | BEAN SIZE  |  | SPACERS         |  | WE UNDERSTOOD AND MET YOUR NEEDS?   |  |  | <i>4113 50</i>                                      |  |
| TIME SIGNED  |  |  |  | TYPE OF EQUALIZING SUB.  |  | CASING PRESSURE |  | OUR SERVICE WAS PERFORMED WITHOUT DELAY?  |  |  |   |  |
| <input type="checkbox"/> A.M.<br><input type="checkbox"/> P.M.   |  |  |  | TUBING SIZE  |  | TUBING PRESSURE |  | WELL DEPTH  |  | WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? |   |  |
| I <input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection).. <input type="checkbox"/> Not offered   |  |  |  | TREE CONNECTION  |  | TYPE VALVE      |  | ARE YOU SATISFIED WITH OUR SERVICE?<br><input type="checkbox"/> YES <input type="checkbox"/> NO |  |  | SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE |  |
|  |  |  |  |  |  |                 |  | <input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND                                       |  |  |   |  |

**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><i>[Signature]</i> | CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)<br><i>X [Signature]</i> | HALLIBURTON OPERATOR/ENGINEER<br><i>[Signature]</i> | EMP #<br><i>47404</i> | HALLIBURTON APPROVAL |
|---|--|---|-----------------------|----------------------|





DOWELL SCHLUMBERGER INCORPORATED

|                  |            |          |            |
|------------------|------------|----------|------------|
| TREATMENT NUMBER | 03-12-6001 | DATE     | 3-7-94     |
| STAGE            | Surf       | DISTRICT | WVSS05, KS |

PRINTED IN U.S.A.

|              |                |                  |                |
|--------------|----------------|------------------|----------------|
| NAME AND NO. | Perry A. No. 2 | LOCATION (LEGAL) | Sec. 4-33S-38W |
| FIELD-POOL   |                | FORMATION        |                |

|               |         |       |        |          |  |
|---------------|---------|-------|--------|----------|--|
| COUNTY/PARISH | Stevens | STATE | Kansas | API. NO. |  |
|---------------|---------|-------|--------|----------|--|

NAME Anadarko Petroleum Corp.

AND

ADDRESS

ZIP CODE

SPECIAL INSTRUCTIONS

Safely cement the 8" surface casing per customers orders

IS CASING/TUBING SECURED?  YES  NO

LIFT PRESSURE 708 PSI CASING WEIGHT + SURFACE AREA (3.14 x R<sup>2</sup>)

PRESSURE LIMIT 700 PSI BUMP PLUG TO 1,1 ft + 500 PSI

ROTATE RPM RECIPROGATE FT No. of Centralizers 34

RIG NAME: Gabbert & Jones Rig 12

|  |                               |       |
|--|-------------------------------|-------|
| WELL DATA:   | BOTTOM                        | TOP   |
| BIT SIZE 12 1/4"   | CSG/Liner Size 8 7/8          |       |
| TOTAL DEPTH 1708   | WEIGHT 24                     |       |
| <input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE | FOOTAGE 1723                  |       |
| MUD TYPE WB  | GRADE                         |       |
| <input type="checkbox"/> BHST <input type="checkbox"/> BHCT            | THREAD 8 1/4                  |       |
| MUD DENSITY 9+   | LESS FOOTAGE SHOE JOINT(S) 43 | TOTAL |
| MUD VISC.  | Disp. Capacity 1680           |       |

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NOTE: Include Footage From Ground Level To Head In Disp. Capacity

|       |      |                  |       |  |
|-------|------|------------------|-------|--|
| Float | TYPE | Auto Fill Insert | TYPE  |  |
| DEPTH |      | 1680             | DEPTH |  |
| SHOE  | TYPE | cmt. nose        | TYPE  |  |
| DEPTH |      | 1723             | DEPTH |  |

|   |  |                               |             |      |
|---|--|-------------------------------|-------------|------|
| Head & Plugs  | <input type="checkbox"/> TBG                               | <input type="checkbox"/> D.P. | SQUEEZE JOB |      |
| <input type="checkbox"/> Double                                       | SIZE   | TOOL                          | TYPE        |      |
| <input type="checkbox"/> Single                                       | WEIGHT   | DEPTH                         |             |      |
| <input type="checkbox"/> Swage  | GRADE  | TAIL PIPE: SIZE               | DEPTH       |      |
| <input type="checkbox"/> Knockoff                                     | THREAD   | TUBING VOLUME                 |             | Bbls |
| TOP <input checked="" type="checkbox"/> OR <input type="checkbox"/> W | <input type="checkbox"/> NEW <input type="checkbox"/> USED | CASING VOL. BELOW TOOL        |             | Bbls |
| BOT <input type="checkbox"/> OR <input type="checkbox"/> W            | DEPTH  | TOTAL                         |             | Bbls |
|   |  | ANNUAL VOLUME                 |             | Bbls |

|               |             |                   |   |  |                                       |
|---------------|-------------|-------------------|---|--|---------------------------------------|
| TIME          | PRESSURE    | VOLUME PUMPED BBL | JOB SCHEDULED FOR TIME: ASAP DATE: 3-7-94 | ARRIVE ON LOCATION TIME: 1000 DATE: 3-7-94 | LEFT LOCATION TIME: 1600 DATE: 3-7-94 |
| -0001 to 2400 | TBG OR D.P. | CASING            | INJECT RATE                               | FLUID TYPE                                 | FLUID DENSITY                         |

| TIME | TBG OR D.P. | CASING | INCREMENT | CUM | INJECT RATE | FLUID TYPE       | FLUID DENSITY | SERVICE LOG DETAIL                               |
|------|-------------|--------|-----------|-----|-------------|------------------|---------------|--|
|      |             |        |           |     |             |                  |               | PRE-JOB SAFETY MEETING                           |
| 1435 |             | 220    | 10        |     | 6           | H <sub>2</sub> O | 8.34          | Break Circulation                                |
| 1437 |             | 270    | 152       | 10  | 6           | cmt              | 13.6          | Start Lead Cement                                |
| 1502 |             | 260    | 42        | 162 | 6           | cmt              | 15.6          | Start Tail cement                                |
| 1509 |             |        |           | 204 | -           | -                | -             | Shutdown 16" Drop Plug                           |
| 1511 |             | 690    | 97        | 204 | 6           | H <sub>2</sub> O | 8.34          | Start Displacement                               |
| 1526 |             | 660    | 10        | 301 | 2           | 1                | 1             | Lower Pump Rate                                  |
| 1530 |             |        |           | 311 |             |                  |               | Bump Plug. Check float / It held Release Dowell. |

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KANSAS CORPORATION COMMISSION

NOL

JUN 29

JUL 05 1994

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CONSERVATION DIVISION WICHITA, KS

REMARKS

| SYSTEM CODE | NO. OF SACKS | YIELD CU. FT/SK | COMPOSITION OF CEMENTING SYSTEMS |          |         |              | SLURRY MIXED |         |
|-------------|--------------|-----------------|----------------------------------|----------|---------|--------------|--------------|---------|
|             |              |                 |                                  |          |         |              | BBLs         | DENSITY |
| 1.          | 600          | 1.43            | 50% 50 #102                      | + 4% D20 | + 2% 51 | + 1/4 #K D29 | 152          | 13.6    |
| 2.          | 200          | 1.18            | Class "H"                        | + 2% 51  |         |              | 42           | 15.6    |
| 3.          |              |                 |                                  |          |         |              |              |         |
| 4.          |              |                 |                                  |          |         |              |              |         |
| 5.          |              |                 |                                  |          |         |              |              |         |
| 6.          |              |                 |                                  |          |         |              |              |         |

|   |  |                  |  |                                   |  |
|---|--|------------------|--|-----------------------------------|--|
| BREAKDOWN FLUID TYPE                    | VOLUME   | DENSITY          | PRESSURE   | MAX. 116                          | MIN: 0   |
| <input type="checkbox"/> HESITATION SQ. | <input type="checkbox"/> RUNNING SQ.                     | CIRCULATION LOST | <input type="checkbox"/> YES <input type="checkbox"/> NO | Cement Circulated To Surf.        | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO 33 Bbls  |
| BREAKDOWN                               | PSI FINAL  | PSI              | DISPLACEMENT VOL. 10)                                    | Bbls                              | TYPE OF WELL <input type="checkbox"/> OIL <input type="checkbox"/> GAS   |
| Washed Thru Perfs                       | <input type="checkbox"/> YES <input type="checkbox"/> NO | TO               | FT. MEASURED DISPLACEMENT                                | <input type="checkbox"/> WIRELINE | <input type="checkbox"/> STORAGE <input type="checkbox"/> INJECTION <input type="checkbox"/> BRINE WATER <input checked="" type="checkbox"/> WILDCAT |
| PERFORATIONS                            | TO   | TO               | CUSTOMER REPRESENTATIVE                                  | DS SUPERVISOR                     |  |
|   |  |                  | John Shilling  | Steve Mersch                      |  |

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**OILFIELD SERVICES**

DSI SERVICE ORDER  
 RECEIPT AND INVOICE NO.

6001

CUSTOMER NUMBER

CUSTOMER P.O. NUMBER

DSI SERVICE LOCATION NAME AND NUMBER

Ulysses, KS 03-12

TYPE SERVICE CODE

271

BUSINESS CODES

CUSTOMER'S  
 NAME

Anadarko Petroleum Corp.

ADDRESS

CITY, STATE AND  
 ZIP CODE

**ORIGINAL**

WORKOVER  
 NEW WELL  
 OTHER

W  
 N

API OR IC NUMBER

IMPORTANT  
 SEE OTHER SIDE FOR TERMS & CONDITIONS

|                 |     |     |     |      |
|-----------------|-----|-----|-----|------|
| ARRIVE LOCATION | MO. | DAY | YR. | TIME |
|                 | 3   | 7   | 94  | 1000 |

SERVICE ORDER I authorize work to begin per service instructions in accordance with terms and conditions printed on the reverse side of this form and/or attached to this form and represent that I have authority to accept and sign this order.

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE

|                |     |     |     |      |
|----------------|-----|-----|-----|------|
| JOB COMPLETION | MO. | DAY | YR. | TIME |
|                | 3   | 7   | 94  | 1530 |

SERVICE RECEIPT I certify that the materials and services listed were received and all services performed in a workmanlike manner.

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE

|        |      |               |      |      |
|--------|------|---------------|------|------|
| STATE  | CODE | COUNTY/PARISH | CODE | CITY |
| Kansas |      | Stevens       |      |      |

WELL NAME AND NUMBER / JOB SITE

Perry A No. 2

LOCATION AND POOL / PLANT ADDRESS

Sec. 4-335-38W

SHIPPED VIA

Dowell

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT       |
|---------------------|---------------------------------------|------|----------|------------|-----------------|
| 102871-020          | Pump Truck                            | Ea   | 1        | 1,180.00   | 1,180.00        |
| 048601-000          | cement Head                           | Ea   | 1        | 70.00      | 70.00           |
| 049102-000          | Delivery Charge (6mi)                 | trmi | 218      | 0.94       | 204.92          |
| 049100-000          | Service Charge                        | cf   | 862      | 1.28       | 1,103.36        |
| 059697-000          | PACR                                  | Ea   | 1        | 150.00     | 150.00          |
| 059200-000          | Mileage                               | mi   | 25       | 2.80       | 70.00           |
| 040015-000          | D909 Class "H"                        | cf   | 500      | 7.99       | 3,995.00        |
| 045008-000          | D35 Litepoz 3                         | cf   | 300      | 4.22       | 1,266.00        |
| 045014-050          | D20 Bentonite                         | lb   | 2016     | 0.16       | 322.56          |
| 067005-100          | SI CaCl <sub>2</sub>                  | lb   | 1384     | 0.39       | 539.76          |
| 044003-025          | D29 Cellophane flake                  | lb   | 150      | 1.70       | 255.00          |
| 056702-085          | 8 5/8" Top Plug                       | Ea   | 1        | 105.00     | 105.00          |
|                     |                                       |      |          |            | <b>9,191.60</b> |

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 KANSAS CORPORATION COMMISSION  
 JUL 05 1994  
 CONSERVATION DIVISION  
 WICHITA, KS

Field Estimate \$ 9,191.60 - 35% Discount = 5,974.54

SUB TOTAL

**RELEASED**

REMARKS:

Thanks for  
 using Dowell!

|                                 |             |
|---------------------------------|-------------|
| STATE                           | % TAX ON \$ |
| COUNTY                          | % TAX ON \$ |
| CITY                            | % TAX ON \$ |
| SIGNATURE OF DSI REPRESENTATIVE |             |
| Steve Merock                    |             |

**FROM CONFIDENTIAL**