

ORIGINAL

SIDE ONE

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

Operator: License # 4549

Name: Anadarko Petroleum Corporation

Address P. O. Box 351

City/State/Zip Liberal, Kansas 67905-0351

Purchaser: Panhandle Eastern Pipe Line Company

(Transporter)

Operator Contact Person: J. L. Ashton

Phone (316) 624-6253

Contractor: Name: Gabbert-Jones, Inc.

License: 5842

Wellsite Geologist: NA

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

9-13-90

9-16-90

11-9-90

Spud Date

Date Reached TD

Completion Date

API NO. 15- 189-21,440 0000

County Stevens

APP NE SW SWSec. 23 Twp. 33S Rge. 39 East: X West:

1250 Ft. North from Southeast Corner of Section

4030 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

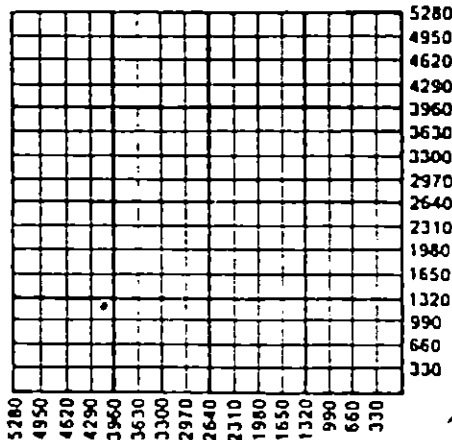
Lease Name K U Endowment "D" Well # 1H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3215.6 KB NA

Total Depth 2850 PBTD 2842



Amount of Surface Pipe Set and Cemented at 556 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.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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.

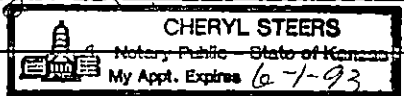
Signature: Beverly J. Williams
Beverly J. Williams

Title Engineering Technician Date 11-21-90

Subscribed and sworn to before me this 21st day of November, 1990.

Notary Public: Cheryl Steers

Date Commission Expires _____



K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other

(Specify)

STATE CORPORATION COMMISSION

NOV 27 1991 Form ACO-1 (7-89)

11-27-90

CO. OF OIL & GAS CONSERVATION
WICHITA, KANSAS

PI

SIDE TWO

Operator Name Anadarko Petroleum Corporation Lease Name K U Endowment "D" Well # 1H

Sec. 23 Twp. 33S Rge. 39 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.

| <p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.)</p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy.)</p> | <p style="text-align: center;">Formation Description</p> <p style="text-align: center;"><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Bottom</th> </tr> </thead> <tbody> <tr><td>Blaine</td><td>1106</td><td>1193</td></tr> <tr><td>Cedar Hills</td><td>1232</td><td>1394</td></tr> <tr><td>Stone Corral</td><td>1674</td><td>1694</td></tr> <tr><td>Chase</td><td>2478</td><td>2798</td></tr> <tr><td>Council Grove</td><td>2798</td><td>NA</td></tr> <tr><td>TD</td><td></td><td>2840</td></tr> </tbody> </table> | Name | Top | Bottom | Blaine | 1106 | 1193 | Cedar Hills | 1232 | 1394 | Stone Corral | 1674 | 1694 | Chase | 2478 | 2798 | Council Grove | 2798 | NA | TD | | 2840 |
|---|---|--------|-----|--------|--------|------|------|-------------|------|------|--------------|------|------|-------|------|------|---------------|------|----|----|--|------|
| Name | Top | Bottom | | | | | | | | | | | | | | | | | | | | |
| Blaine | 1106 | 1193 | | | | | | | | | | | | | | | | | | | | |
| Cedar Hills | 1232 | 1394 | | | | | | | | | | | | | | | | | | | | |
| Stone Corral | 1674 | 1694 | | | | | | | | | | | | | | | | | | | | |
| Chase | 2478 | 2798 | | | | | | | | | | | | | | | | | | | | |
| Council Grove | 2798 | NA | | | | | | | | | | | | | | | | | | | | |
| TD | | 2840 | | | | | | | | | | | | | | | | | | | | |

| 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 | 556 | Pozmix & Common | 320 | 2% cc 3% cc |
| Production | 7 7/8 | 5 1/2 | 14 | 2848 | Class "C" | 245 | 20% DCD 10% DCD |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) Depth | | | |
| 2 | 2790-96, 2774-80, 2736-50, 2684-2714, 2622-62, 2551-98, 2508-44, 2490-2500 | | | Brk dwn w/497 bbls 2% KCL wtr & 473 BS. Frac w/136,600 gals cross-linked 2% KCL wtr & 401,700# 12/20 sand. | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| TUBING RECORD | | | | | | | |
| None | Size | Set At | Packer At | Liner Run | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| Date of First Production | | Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) | | | | | |
| SI-WOPL | | | | | | | |
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity | | |
| | - | 1250 | - | - | - | | |

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

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Production Interval 2490-2796 O.A.

CREATED BY

DATE

ORIGINAL

GABBERT-JONES, INC.
DRILLERS' WELL LOG

WELL NAME: KU ENDOWMENT D-1H
SEC. 23-33S-39W
STEVENS COUNTY, KANSAS

COMMENCED: 9-13-90

COMPLETED: 9-16-90

OPERATOR: ANADARKO PETROLEUM CORPORATION

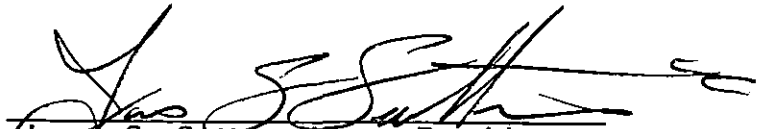
R-11

| Depth | | Formation | Remarks |
|-------|---------|----------------|---|
| From | To | | |
| 0 | 87 | Sand - Clay | Ran 13 jts of 24# 8 5/8" csg LD @ 556' w/170 sks |
| 87 | 558 | Sand - Redbed | |
| 558 | 1235 | Redbed | 25/75 Posmix - 2% CC - 1/4# FS |
| 1235 | 1350 | Glorietta Sand | 150 sks Class H - 2% CC |
| 1350 | 1570 | Redbed | 1/4# FS PD @ 10:45 PM |
| 1570 | 2110 | Redbed - Anhy | 9-13-90. |
| 2110 | 2410 | Shale - Lime | Ran 68 jts of 14# 5 1/2" csg LD @ 2848' w/205 sks of Class C - 20% DCD 2% CC - 1/4# FS - 40 sks Class C - 10% DCD 2% CC - 1/4# FS PD @ 8:00 AM 9-16-90 RR @ 9:00 AM 9-16-90. |
| 2410 | 2850 | Lime - Shale | |
| | 2850 TD | | |

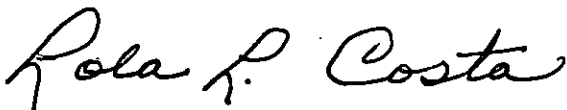
STATE OF KANSAS
COUNTY OF SEDGWICK

) 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.

GABBERT-JONES, INC.


James S. Sutton, II. -- President

Subscribed & sworn to before me this
18th of September 1990



Lola Lenore Costa



My commission expires Nov. 21, 1992



HALLIBURTON SERVICES ORIGINAL

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

| INVOICE NO. | DATE |
|-------------|------------|
| 042801 | 09/13/1990 |

| | | | | | |
|---------------------------|----------------|---------------------|----------------------|-----------------------|------------------|
| WELL LEASE NO./PLANT NAME | | WELL/PLANT LOCATION | | STATE | WELL/PLANT OWNER |
| K U ENDOWMENT "D" 1H | | STEVENS | | KS | SAME |
| SERVICE LOCATION | | CONTRACTOR | | JOB PURPOSE | |
| LIBERAL | | GABBERT & JONES #11 | | CEMENT SURFACE CASING | |
| TICKET DATE | | 09/13/1990 | | | |
| ACCT. NO. | CUSTOMER AGENT | VENDOR NO. | CUSTOMER P.O. NUMBER | SHIPPED VIA | FILE NO. |
| 019595 | JIM BARLOW | | 33876 | COMPANY TRUCK | 01691 |

ANADARKO PETROLEUM CORP
P. O. BOX 351
LIBERAL, KS 67905-0351

DIRECT CORRESPONDENCE TO:
SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

| PRICE REF. NO. | DESCRIPTION | QUANTITY | U/M | UNIT PRICE | AMOUNT |
|--|--------------------------------------|----------|-----|------------|------------|
| 000-117 | PRICING AREA - MID CONTINENT MILEAGE | 31 | MI | 2.35 | 72.85 |
| | | 1 | UNT | | |
| 001-016 | CEMENTING CASING | 563 | FT | 630.00 | 630.00 |
| | | 1 | UNT | | |
| 030-016 | CEMENTING PLUG 5W ALUM TOP | 8 5/8 | IN | 92.00 | 92.00 * |
| | | 1 | EA | | |
| 504-043 | PREMIUM CEMENT | 128 | SK | 6.85 | 876.80 * |
| 506-105 | POZMIX A | 42 | SK | 3.91 | 164.22 * |
| 504-043 | PREMIUM CEMENT | 150 | SK | 6.85 | 1,027.50 * |
| 507-210 | FLOCELE | 80 | LB | 1.30 | 104.00 * |
| 509-406 | ANHYDROUS CALCIUM CHLORIDE | 7 | SK | 26.25 | 183.75 * |
| 500-207 | BULK SERVICE CHARGE | 339 | CFT | 1.10 | 372.90 * |
| 500-306 | MILEAGE CMTG MAT DEL OR RETURN | 164.080 | TMI | .75 | 123.06 * |
| INVOICE SUBTOTAL | | | | | 3,647.08 |
| DISCOUNT-(BID) | | | | | 1,094.10- |
| INVOICE BID AMOUNT | | | | | 2,552.98 |
| *-KANSAS STATE SALES TAX | | | | | 87.59 |
| *-SEWARD COUNTY SALES TAX | | | | | 20.61 |
| INVOICE TOTAL - PLEASE PAY THIS AMOUNT | | | | | \$2,661.18 |

4201-2041

Jim Barlow

9-21-90

RECEIVED
STATE CORPORATION

NOV 27 1990

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



INVOICE

HALLIBURTON SERVICES

ORIGINAL

A Halliburton Company

| INVOICE NO. | DATE |
|-------------|------------|
| 014539 | 09/16/1990 |

| | | | | | | |
|---------------------------|----------------|---------------------|----------------------|--------------------------|------------------|-------------|
| WELL LEASE NO./PLANT NAME | | WELL/PLANT LOCATION | | STATE | WELL/PLANT OWNER | |
| K U ENDOWMENT "D" 1-H | | STEVENS | | KS | SAME | |
| SERVICE LOCATION | | CONTRACTOR | | JOB PURPOSE | | TICKET DATE |
| LIBERAL | | GABBERT & JONES | | CEMENT PRODUCTION CASING | | 09/16/1990 |
| ACCT. NO. | CUSTOMER AGENT | VENDOR NO. | CUSTOMER P.O. NUMBER | SHIPPED VIA | FILE NO. | |
| 019595 | DAVID GILMORE | | 33876 | COMPANY TRUCK | 01958 | |

ANADARKO PETROLEUM CORP
P. O. BOX 351
LIBERAL, KS 67905-0351

DIRECT CORRESPONDENCE TO:
SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

| PRICE REF. NO. | DESCRIPTION | QUANTITY | U/M | UNIT PRICE | AMOUNT |
|--|--------------------------------------|----------|-----|------------|------------|
| 000-117 | PRICING AREA - MID CONTINENT MILEAGE | 45 | MI | 2.35 | 105.75 |
| 001-016 | CEMENTING CASING | 2848 | FT | 1,045.00 | 1,045.00 |
| 030-016 | CEMENTING PLUG SW ALUM TOP | 5 1/2 | IN | 47.00 | 47.00 |
| 018-315 | MUD FLUSH | 1260 | GAL | .45 | 567.00 |
| 218-738 | CLAYFIX II | 2 | GAL | 20.00 | 40.00 |
| 504-050 | PREMIUM PLUS CEMENT | 245 | SK | 7.08 | 1,734.60 |
| 507-210 | FLOCELE | 61 | LB | 1.30 | 79.30 |
| 509-406 | ANHYDROUS CALCIUM CHLORIDE | 5 | SK | 26.25 | 131.25 |
| 500-959 | SPECIAL CHARGES | 4250 | LB | .42 | 1,785.00 |
| 500-207 | BULK SERVICE CHARGE | 509 | CFT | 1.10 | 559.90 |
| 500-306 | MILEAGE CMTG MAT DEL OR RETURN | 152.58 | TMI | .75 | 114.44 |
| INVOICE SUBTOTAL | | | | | 6,209.24 |
| DISCOUNT - (BID) | | | | | 2,173.21 |
| INVOICE BID AMOUNT | | | | | 4,036.03 |
| *-KANSAS STATE SALES TAX | | | | | 122.98 |
| *-SEWARD COUNTY SALES TAX | | | | | 28.93 |
| INVOICE TOTAL - PLEASE PAY THIS AMOUNT | | | | | \$4,187.94 |

4201-2041

John Shering

9-26-90

RECEIVED STATE CORPORATION COMMISSION

NOV 27 1990

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.