

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
200 Colorado Derby Building  
Wichita, Kansas 67202

WELL PLUGGING RECORD  
K.A.R.-82-3-117

API NUMBER 15-095-20,343-000

LEASE NAME MERTENS "A"

WELL NUMBER 2 (SWD)

SPOT LOCATION 1980' FSL & 660' FWL

SEC. 16 TWP. 28 SRGE. 9 (W) or (W)

COUNTY Kingman

Date Well Completed 6/18/74

Plugging Commenced 7/3/84

Plugging Completed 7/5/84

TYPE OR PRINT  
NOTICE: Fill out completely  
and return to Cons. Div.  
office within 30 days.

LEASE OPERATOR Anadarko Production Company

ADDRESS P. O. Box 351, Liberal, Kansas 67901

PHONE # (316) 624-6253 OPERATORS LICENSE NO. 5469

Character of Well SWD  
(Oil, Gas, D&A, SWD, Input, Water Supply Well)

Did you notify the KCC/KDHE Joint District Office prior to plugging this well? yes

Which KCC/KDHE Joint Office did you notify? District #2, KCC Rep. Glenn Ward

Is ACO-1 filed? no If not, is well log attached? yes

Disposal formation Towanda & Florence Depth to top 1704' bottom 1830' T.D. 4580'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

| Formation          | Content   | From  | To    | Size   | Put In | Pulled out |
|--------------------|-----------|-------|-------|--------|--------|------------|
| Towanda & Florence | Saltwater | 1704' | 1830' | 8-5/8" | 295'   | -0-        |
|                    |           |       |       | 4-1/2" | 1986'  | -0-        |
|                    |           |       |       |        |        |            |
|                    |           |       |       |        |        |            |

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used state, the character of same and depth placed, from feet to feet each set. Pumped 2 sacks gel, 2 sacks hulls, 40 sacks cement to 1400'. Shut-in for 3 hours. Perforated with 4 way jet at 500'. Pumped 160 sacks cement and circulated to surface. Cut off 4-1/2" and 8-5/8" casing below ground level and capped well.

(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Pratt Well Service License No. 5893  
Address P. O. Box 847, Pratt, Kansas 67124

RECEIVED  
STATE CORPORATION COMMISSION

AUG 03 1984

STATE OF KANSAS COUNTY OF SEWARD, ss.

Paul Campbell (employee of operator) or  
(operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.  
(Signature) Paul Campbell  
(Address) Box 351, Liberal, Kansas 67901

CONSERVATION DIVISION  
Wichita, Kansas

ELIZABETH J. HOOPER  
Seward County, Kansas  
My Appt. Expires 7-26-87

SUBSCRIBED AND SWORN TO before me this 17 day of July, 1984

Elizabeth J. Hooper  
Notary Public

My Commission expires: July 26, 1987

Form CP-4 1-84  
Revised 06-83

**KANSAS DRILLERS LOG**

S. 16 T. 28S R. 9W E  
 W  
 Loc. 1980' FSL & 660' FWL  
 County Kingman

API No. 15 — 095 — 20,343-0000  
 County Number

Operator  
 Anadarko Production Company

Address  
 Box 351, Liberal, Kansas 67901

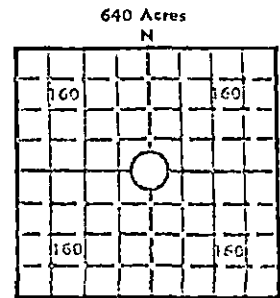
Well No. 2 Lease Name Mertens "A"

Footage Location  
 1980 feet from ~~XX~~ (S) line 660 feet from ~~XX~~ (W) line

Principal Contractor Sweetman Drig. Co. Geologist Innes Phillips, Consultant

Spud Date 5-8-74 Total Depth 4580' P.B.T.D.

Date Completed 6-18-74 Oil Purchaser



Elev.: Gr. 1663'  
 DF KB

**CASING RECORD**

Report of all strings set — surface, intermediate, production, etc.

| Purpose of string | Size hole drilled | Size casing set (in O.D.) | Weight lbs/ft. | Setting depth | Type cement   | Sacks | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|---------------|-------|----------------------------|
| Surface           | 12-1/4"           | 8-5/8"                    | 18#            | 295'          | Common        | 350   | 3% CC                      |
| Production        | 7-7/8"            | 4-1/2"                    | 10.5#          | 1986'         | SaltSatPozmix | 100   | .5% CFR-2                  |
|                   |                   |                           |                |               |               |       |                            |
|                   |                   |                           |                |               |               |       |                            |

**LINER RECORD**

**PERFORATION RECORD**

| Top, ft.             | Bottom, ft.   | Sacks cement  | Shots per ft. | Size & type | Depth interval |
|----------------------|---------------|---------------|---------------|-------------|----------------|
|                      |               |               | 2             |             | 1800-30'       |
| <b>TUBING RECORD</b> |               |               | 2             |             | 1704-30'       |
| Size                 | Setting depth | Packer set at |               |             |                |
|                      |               | 1572'         |               |             |                |

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

| Amount and kind of material used   | Depth interval treated |
|------------------------------------|------------------------|
| Acidized w/3000 gals 15% + 125 BS. | 1704-1830' OA          |
|                                    |                        |

RECEIVED  
 STATE CORPORATION COMMISSION  
 JUN 20 1984  
 CONSERVATION DIVISION  
 Wichita, Kansas

**INITIAL PRODUCTION**

|  |   |       |                       |               |      |
|--|---|-------|-----------------------|---------------|------|
| Date of first production                           | Producing method (flowing, pumping, gas lift, etc.) |       |                       |               |      |
| RATE OF PRODUCTION PER 24 HOURS                    | Oil   | Gas   | Water                 | Gas-oil ratio | CFPB |
|  | bbls.   | bbls. | MCF                   | bbls.         |      |
| Disposition of gas (vented, used on lease or sold) |   |       | Producing interval(s) |               |      |

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator  
Anadarko Production Company

DESIGNATE TYPE OF COMP.: OIL, GAS,  
DRY HOLE, SWDW, ETC.:

|                        |                        |      |
|------------------------|------------------------|------|
| Well No. 2             | Lease Name Mertens "A" | SWDW |
| S 16 T 28S R 9W E<br>W |                        |      |

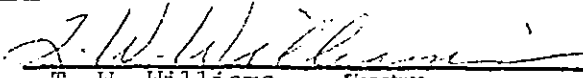
**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN,  
OR OTHER DESCRIPTIVE INFORMATION.

| FORMATION DESCRIPTION, CONTENTS, ETC.  | TOP  | BOTTOM | NAME                     | DEPTH     |
|--|------|--------|--------------------------|-----------|
| Sand   | 0    | 110    | Log tops:                |           |
| Shale  | 110  | 1350   |                          |           |
| Lime & shale   | 1350 | 3810   | Cottonwood               | 2085'     |
| Lime   | 3810 | 4073   | Indian Cave              | 2345'     |
| Miss   | 4073 | 4218   | Tarkio                   | 2537'     |
| Shale & lime   | 4218 | 4374   | Topeka                   | 2891'     |
| Lime   | 4374 | 4380   | Heebner                  | 3296'     |
| Viola  | 4380 | 4475   | Brown Limestone          | 3490'     |
| Simp sd  | 4475 | 4486   | Lansing                  | 3497'     |
| Lime   | 4486 | 4566   | B/Kansas City            | 3923'     |
| Arb  | 4566 | 4580   | Mississippian            | 4076'     |
| Total Depth  | 4580 |        | Moqueta                  | 4354'     |
|  |      |        | Viola                    | 4382'     |
|  |      |        | Simpson sand             | 4476'     |
|  |      |        | Arbuckle                 | 4552'     |
| DST #1, 2338-80' (Indian Cave), 20 minute preflow w/weak blow, increased to strong. Tool open 30 minutes w/weak blow, increased to strong blow. Recovered 452' muddy salt water. ISIP 928# (40), PFP's 19-118#, FP's 138-217#, FSIP 908# (40).         |      |        | Logs:                    |           |
|  |      |        | Dual Induction-Latèrolog | 295-4478' |
| DST #2, 4060-83' (Mississippian), 30 minute preflow w/weak to good blow. Tool open 45 minutes w/weak to good blow. Recovered 50' very sli O&GCM, 60' very sli GC thin mud, 60' wtry mud. ISIP 1326# (50), PFP's 19-46#, FP's 46-102#, FSIP 1298# (60). |      |        | BHC Sonic Log-Gamma Ray  | 296-4583' |
| DST #3, 4349-80' (Viola), 30 minute preflow w/weak blow. Tool open 60 minutes w/good blow. Recovered 240' wtry mud. ISIP 1394# (60), PFP's 75-112#, FP's 87-138#, FSIP 1394# (60).   |      |        |                          |           |

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

|               |  |           |
|---------------|--|-----------|
| Date Received | <br>T. W. Williams<br>Division Office Supervisor |           |
|               |  | Signature |
|               |  | Title     |
|               | June 25, 1974  | Date      |