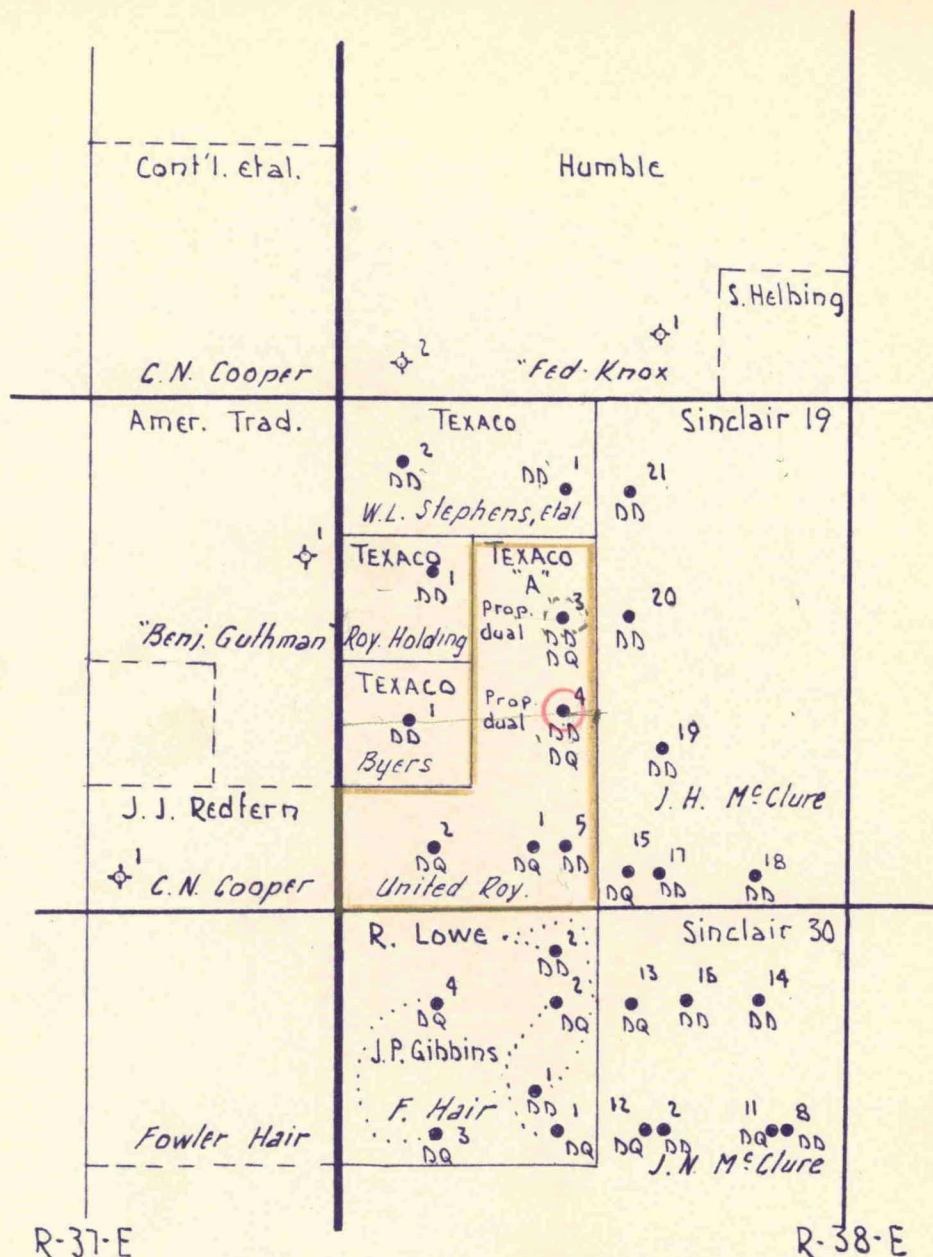




PLAT OF TEXACO INC. UNITED ROYALTY "A" LEASE & OFFSET LEASES  
LEA COUNTY, NEW MEXICO

SCALE: 1" = 2000'

DATE: 11/2/59

LMF - DDD

LEGEND

DD—Dollarhide Drinkard Pool

DQ—Dollarhide Queen Pool

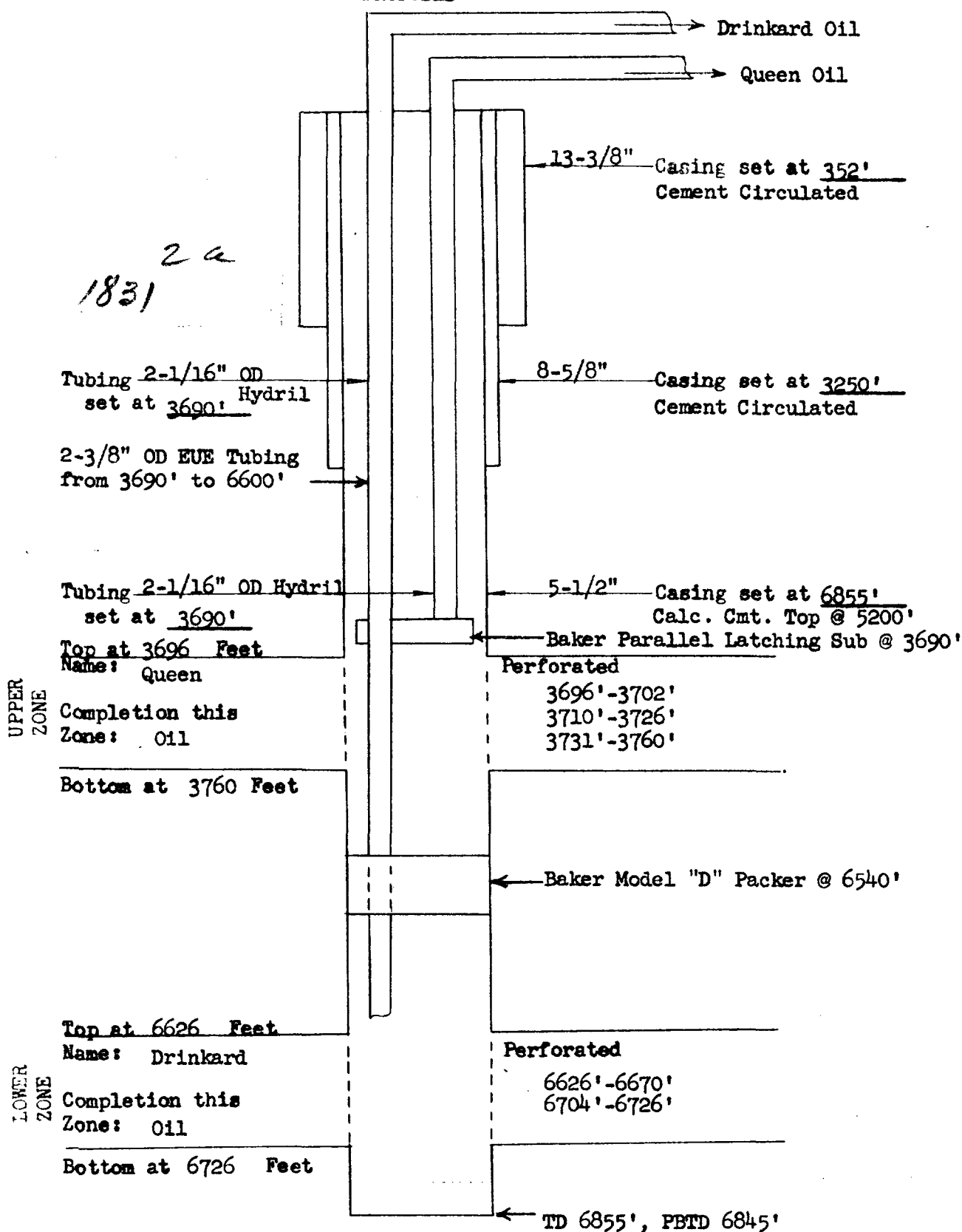
OFFSET OPERATORS

Ralph Lowe—Box 832—Midland, Texas  
J.J. Redfern, Jr.—Box 1747—Midland, Texas  
American Trading & Prod. Corp.—Box 992—Midland, Texas  
Sinclair Oil & Gas Co.—Box 11470—Midland, Texas  
J. P. Gibbins—Box 1032—Midland, Texas

BEFORE EXAMINER NUTTER  
L CONSERVATION COMMISSION  
EXHIBIT NO. 1-A  
SE NO. 1834

# DIAGRAMMATIC SKETCH SHOWING DUAL COMPLETION INSTALLATION

PROPOSED



COMPANY: TEXACO Inc.

LEASE: United Royalty "A" Well No. 4

FIELD: Dollarhide Drinkard and Dollarhide Queen

DATE: November 2, 1959

|                             |      |
|-----------------------------|------|
| BEFORE EXAMINER NUTTER      |      |
| OIL CONSERVATION COMMISSION |      |
| EXHIBIT NO.                 | 1831 |
| CASE NO.                    | 1831 |

TEXACO Inc.

UNITED ROYALTY "A" WELL NO. 4  
Unit K, Sec. 19, T-24-S, R-38-E  
Lea County, New Mexico

PRODUCTION CHARACTERISTICS

| <u>Item</u>                 | <u>Queen Zone</u> | <u>Drinkard Zone</u> |
|-----------------------------|-------------------|----------------------|
| Type Crude                  | Sour              | Intermediate Sweet   |
| GOR (ft <sup>3</sup> /bbl.) | 1624*             | 2533(Well No. 4)     |
| Gravity (°API)              | 34                | 38                   |
| BHP (PSI)                   | 450**             | 779**                |

\* Weighted average of the two Queen wells on the lease.

\*\* Based on pressures taken in November, 1958.

JERjr-DL  
12-10-59

Case No.

1831

Large Exhibits



# RADIOACTIVITY LOG

## WELEX JET SERVICES, Inc.

FILE NO. \_\_\_\_\_

|                                             |                                      |                   |                                      |                                         |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
|---------------------------------------------|--------------------------------------|-------------------|--------------------------------------|-----------------------------------------|-------------------|---------------------|-----------------------------------------------------------------------------|----------------------------|--------------------------------------|-----------------------------------------|-------------------|---------------------|-----------------------------------------------------------------------------|
| Location of Well                            | COMPANY <u>TEXACO INC.</u>           |                   | WELL <u>UNITED ROYALTY "A" NO. 4</u> | FIELD <u>WEST DOLLARHIDE (DRINKARD)</u> | COUNTY <u>LEA</u> | STATE <u>MEXICO</u> | LOCATION <u>1980' FSL &amp; 2310' FWL, SEC. 19, T - 24 - S, R - 38 - E.</u> | COMPANY <u>TEXACO INC.</u> | WELL <u>UNITED ROYALTY "A" NO. 4</u> | FIELD <u>WEST DOLLARHIDE (DRINKARD)</u> | COUNTY <u>LEA</u> | STATE <u>MEXICO</u> | LOCATION <u>1980' FSL &amp; 2310' FWL, SEC. 19, T - 24 - S, R - 38 - E.</u> |
|                                             | WELL <u>UNITED ROYALTY "A" NO. 4</u> |                   |                                      |                                         |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| LOG MEAS. FROM <u>1' ABOVE ROTARY TABLE</u> |                                      | ELEV. <u>3176</u> |                                      |                                         |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| DRLG. MEAS. FROM <u>KELLY DRIVE BUSHING</u> |                                      | ELEV. <u>3176</u> |                                      |                                         |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| PERM. DATUM <u>KELLY DRIVE BUSHING</u>      |                                      | ELEV. <u>3176</u> |                                      |                                         |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| TYPE OF LOG                                 |                                      | GAMMA RAY         |                                      | N - N                                   |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| RUN NO.                                     |                                      | - 1 -             |                                      | - 1 -                                   |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| DATE                                        |                                      | 7/3/57            |                                      | 7/3/57                                  |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| JOB NO.                                     |                                      | 30-2020 &         |                                      | 658-692                                 |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| TOTAL DEPTH (DRILLER)                       |                                      | 6850              |                                      | 6850                                    |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| EFFECTIVE DEPTH (DRILLER)                   |                                      | 6849              |                                      | 6849                                    |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| TOTAL DEPTH (R/A LOG)                       |                                      | 50 -              |                                      | 50                                      |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| TOP OF LOGGED INTERVAL                      |                                      | 6836              |                                      | 6847                                    |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| BOTTOM OF LOGGED INTERVAL                   |                                      | WATER             |                                      | WATER                                   |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| TYPE OF FLUID IN HOLE                       |                                      | FULL              |                                      | FULL                                    |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| FLUID LEVEL                                 |                                      |                   |                                      |                                         |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| MAXIMUM RECORDED TEMPERATURE                |                                      |                   |                                      | SLOA3                                   |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| NEUTRON SOURCE STRENGTH & TYPE              |                                      |                   |                                      | 13.5                                    |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| SOURCE SPACING—IN.                          |                                      |                   |                                      | SCINT.                                  |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| DETECTOR CLASS                              |                                      | SCINT.            |                                      | SCINT.                                  |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| DETECTOR TYPE                               |                                      | D 4 G 1           |                                      | D 6 N 1                                 |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| LENGTH OF MEASURING DEVICE—IN.              |                                      | 4                 |                                      | 4                                       |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| O.D. OF INSTRUMENT—IN.                      |                                      | 3 5/8             |                                      | 3 5/8                                   |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| TIME CONSTANT—SECONDS                       |                                      | 2.0               |                                      | 1.5                                     |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| LOGGING SPEED FT./MIN.                      |                                      | 20-40             |                                      | 20-40                                   |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| 2" -                                        |                                      | 20                |                                      | 20                                      |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| 5" -                                        |                                      | 0.25              |                                      | 0.25                                    |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| STATISTICAL VARIATION—IN.                   |                                      | C 933             |                                      | D 368                                   |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| SENSITIVITY REFERENCE                       |                                      | WILLIS &          |                                      | YATES                                   |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| RECORDED BY                                 |                                      | MR. YOST          |                                      |                                         |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |
| WITNESSED BY                                |                                      |                   |                                      |                                         |                   |                     |                                                                             |                            |                                      |                                         |                   |                     |                                                                             |

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. 1

CASE NO. 1