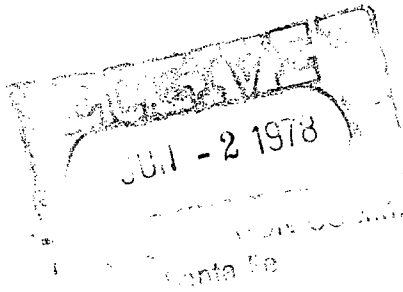




PETROLEUM PRODUCTS

May 30, 1978

TEXACO INC.  
DRAWER 728  
HOBBS, NEW MEXICO 88240



Department of Energy and Minerals  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

DHC - 246  
Due - 6/22/78

RE: DOWNHOLE COMMINGLING  
A. H. Blinebry Federal (NCT-1)  
Well No. 41

ATTENTION: MR. JOE D. RAMEY  
SECRETARY-DIRECTOR

Gentlemen:

✓ Texaco Inc. respectfully requests administrative approval to commingle production from the Drinkard and Wantz Granite Wash Pools in the wellbore of the A. H. Blinebry Federal (NCT-1) Well No. 41 in accordance with New Mexico Oil Conservation Commission Rule 303-C.

The attached "Data Sheet for Wellbore Commingling" contains the data required by NMOCC Rule 303-C-2 (a, b, f, g and h). Form C-116 showing the current test for the Drinkard pool and the most recent test from the Wantz Granite Wash Pool (5-18-77) is attached. Decline curves for each zone, a plat of the subject well and lease, and wellbore diagrams of the existing and proposed completions are attached. This well has been operated as a single completion; therefore, no commission order exists authorizing dual completion. Approval to downhole commingle the Drinkard and Wantz Granite Wash Pools has been previously obtained for Texaco's A. H. Blinebry Federal (NCT-1) Well No. 38 under NMOCC Order No. R-5657.

Commingled production from this well will be artificially lifted. It is recommended that 56% of the commingled oil and 73% of the gas be assigned to the Drinkard with 44% of the oil and 27% of the gas assigned to the Wantz Granite Wash in accordance with the well tests and decline curves.

MAY 30, 1978

Ownership of the two zones is common throughout. Commingling will not jeopardize the efficiency of any secondary recovery operations. All offset operators (see attached list) and the U.S.G.S. have been notified of this application by copy of this letter.

Yours very truly,

*J V Gannon*  
J. V. Gannon  
District Superintendent

WRH:las

Attachments

Offset Operators  
U.S.G.S. - Hobbs, N.M.

File  
Chrono

*Bottom pf: 7445' max allow 50 BOPD*

|                                 |               |
|---------------------------------|---------------|
| <i>Dr: 1430 56<sup>45</sup></i> | <i>28 mcf</i> |
| <i>Wants: 11 B0</i>             | <i>10 mcf</i> |
| <i>25</i>                       | <i>38</i>     |

DATA SHEET FOR WELLBORE COMMINGLING

Operator: TEXACO INC.

Address: P. O. Box 728 - Hobbs, New Mexico 88240

Lease and Well No.: A. H. Blinebry Federal (NCT-1) No. 41

Location: 330' FSL and 2310' FEL of Section 19, T-22-S, R-38-E

WELL DATA

|                                     | Upper Pool        | <del>Middle Pool</del> | Lower Pool           |
|-------------------------------------|-------------------|------------------------|----------------------|
| Name of Pool                        | Drinkard          |                        | Wantz Granite Wash   |
| Producing Method                    | Pump              |                        | Last Production/Pump |
| BHP                                 | 400 psi (est.)    |                        | 750 psi (est.)       |
| Type Crude                          | sweet             |                        | sweet                |
| Gravity                             | 39.1              |                        | 39.1                 |
| GOR Limit                           | 6000:1            |                        | 2000:1               |
| Completion Interval                 | 6310-7161 (perfs) |                        | 7386-7445 (perfs)    |
| Current Test Date                   | 5-16-78           |                        | 5-18-77 (SI)         |
| Oil                                 | 14                |                        | 11                   |
| Water                               | 3                 |                        | 0                    |
| GOR                                 | 2000              |                        | 955                  |
| Selling Price of Crude -<br>\$/BBL. | 14.65 (stripper)  |                        | 14.65 (stripper)     |
| Daily Income - \$/Day               | 205.10            |                        | 0 (SI)               |

Production from these zones is currently commingled on the A. H. Blinebry lease.

COMMINGLED DATA:

Gravity of Commingled Crude 39.1

Selling Price of Commingled Crude - \$/BBL. 14.65

Daily Income - \$/Day 366.25

Net (Gain) (Loss) from Wellbore Commingling - \$/Day 161.15  
based on current producing rates.

**NEW MEXICO OIL CONSERVATION COMMISSION  
GAS-OIL RATIO TESTS**

C-115  
Revised 1-1-65

|                                                             |                           |                                                |             |                                                                                 |                                    |                               |                             |                              |                                       |                                       |                   |              |           |                                                     |
|-------------------------------------------------------------|---------------------------|------------------------------------------------|-------------|---------------------------------------------------------------------------------|------------------------------------|-------------------------------|-----------------------------|------------------------------|---------------------------------------|---------------------------------------|-------------------|--------------|-----------|-----------------------------------------------------|
| Operator<br><b>TEXACO INC.</b>                              |                           | Pool<br><b>Drinkard and Wantz Granite Wash</b> |             | County<br><b>Lee</b>                                                            |                                    |                               |                             |                              |                                       |                                       |                   |              |           |                                                     |
| Address<br><b>P. O. Box 728 - Hobbs, New Mexico 88240</b>   |                           | TEST - (X)                                     |             | Completion <input type="checkbox"/> Special <input checked="" type="checkbox"/> |                                    |                               |                             |                              |                                       |                                       |                   |              |           |                                                     |
| LEASE NAME<br><br><b>A. H. Blinebry Federal<br/>(NCT-1)</b> | WELL NO.<br><br><b>41</b> | LOCATION                                       |             |                                                                                 | DATE OF TEST<br><br><b>5-16-78</b> | PRESS. STATUS<br><br><b>P</b> | CHOKE SIZE<br><br><b>--</b> | TBG. PRESS.<br><br><b>--</b> | DAILY ALLOW-ABLE<br><br><b>19 1/4</b> | LENGTH OF TEST HOURS<br><br><b>24</b> | PROD. DURING TEST |              |           | GAS - OIL RATIO CU. FT./BBL.<br><br><b>2000 955</b> |
|                                                             |                           | U                                              | S           | T                                                                               |                                    |                               |                             |                              |                                       |                                       | R                 | WATER BBL.S. | GRAV. OIL |                                                     |
| <b>Drinkard</b>                                             | <b>0</b>                  | <b>19</b>                                      | <b>22-S</b> | <b>38-E</b>                                                                     | <b>5-16-78</b>                     | <b>P</b>                      | <b>--</b>                   | <b>--</b>                    | <b>19</b>                             | <b>24</b>                             | <b>3</b>          | <b>39.1</b>  | <b>14</b> | <b>28.0</b>                                         |
| <b>Wantz Granite Wash</b>                                   | <b>0</b>                  | <b>19</b>                                      | <b>22-S</b> | <b>38-E</b>                                                                     | <b>5-18-77</b>                     | <b>P</b>                      | <b>--</b>                   | <b>--</b>                    | <b>1/4</b>                            | <b>24</b>                             | <b>0</b>          | <b>39.1</b>  | <b>11</b> | <b>10.5</b>                                         |

No well will be assigned an allowable greater than the amount of oil produced on the official test.

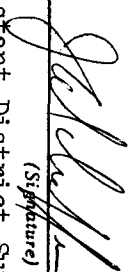
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

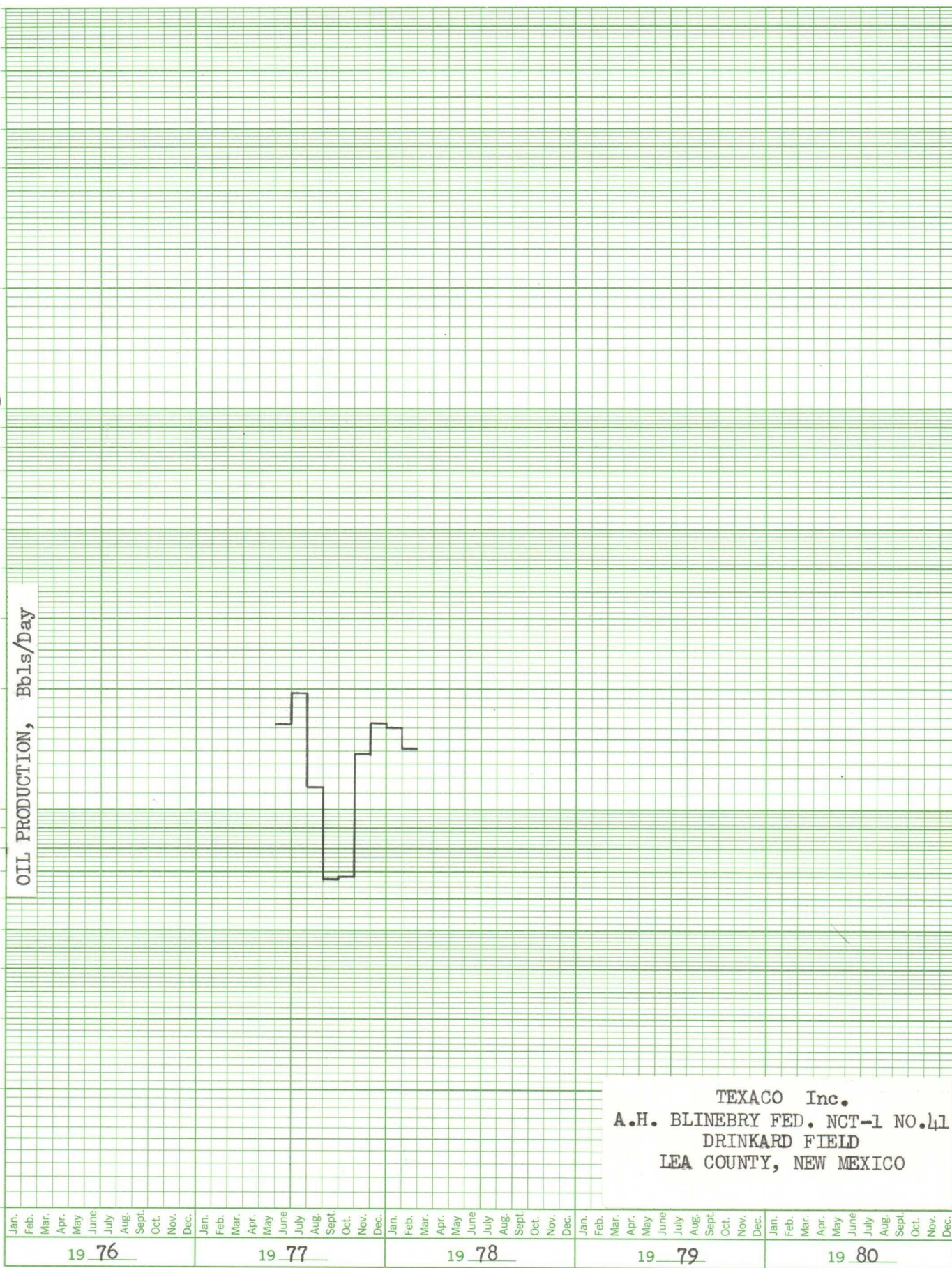
I hereby certify that the above information is true and complete to the best of my knowledge and belief.

  
(Signature)  
Assistant District Superintendent  
(Title)  
May 30, 1978  
(Date)

46 6690

1,000

OIL PRODUCTION, Bbls/day



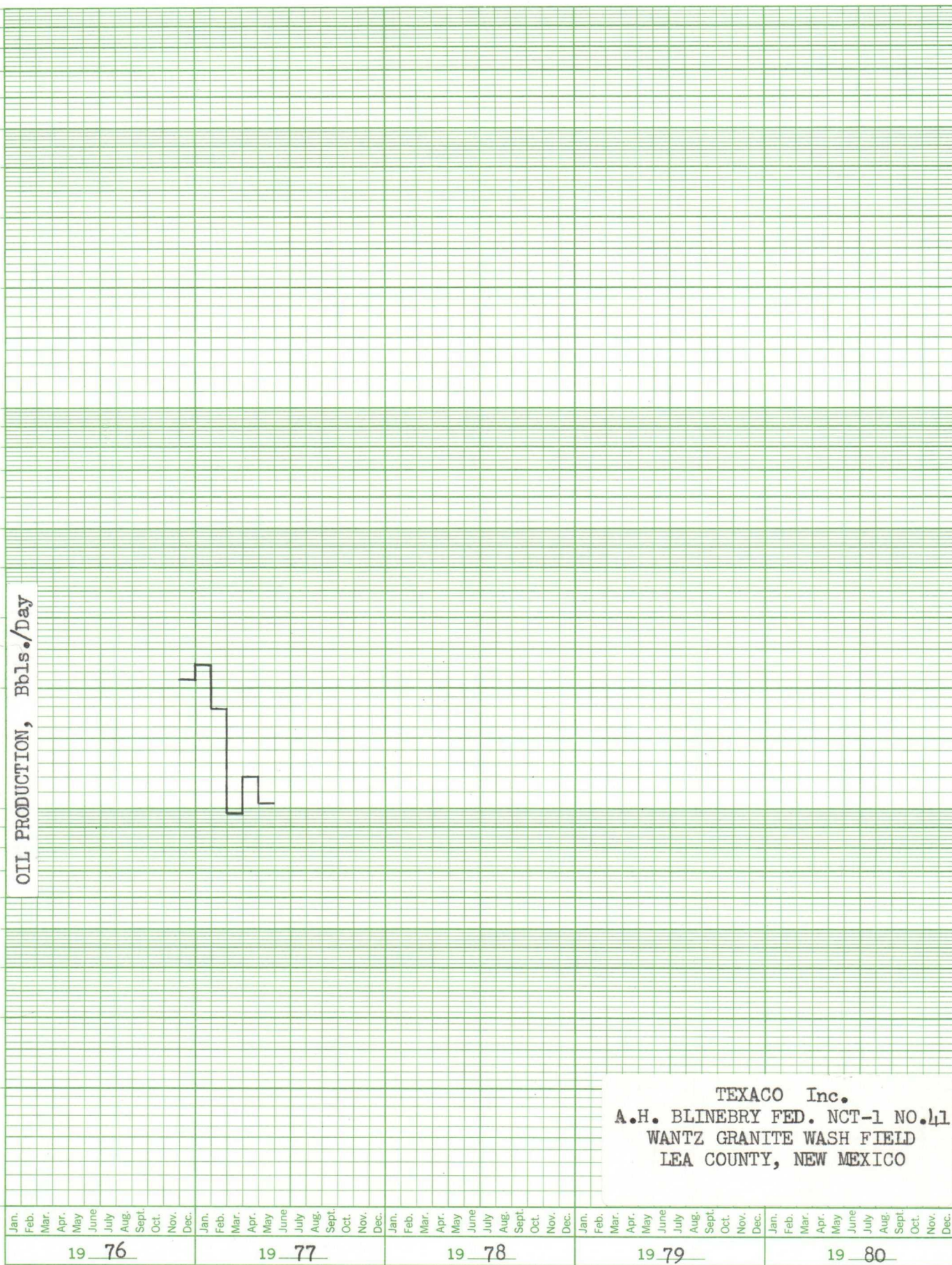
TEXACO Inc.  
A.H. BLINEBRY FED. NCT-1 NO.41  
DRINKARD FIELD  
LEA COUNTY, NEW MEXICO



46 6690

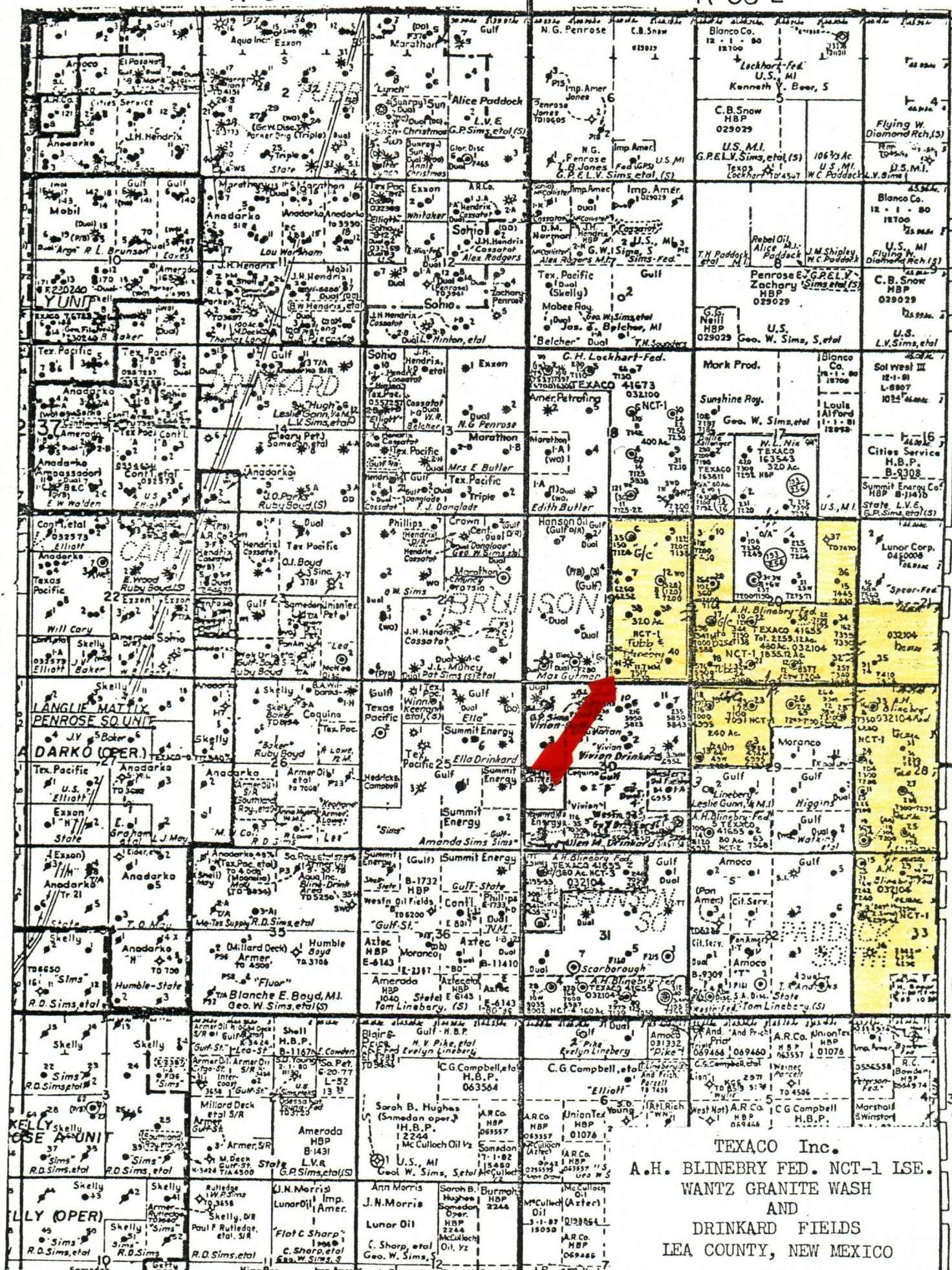
1,000

OIL PRODUCTION, Bbls./Day

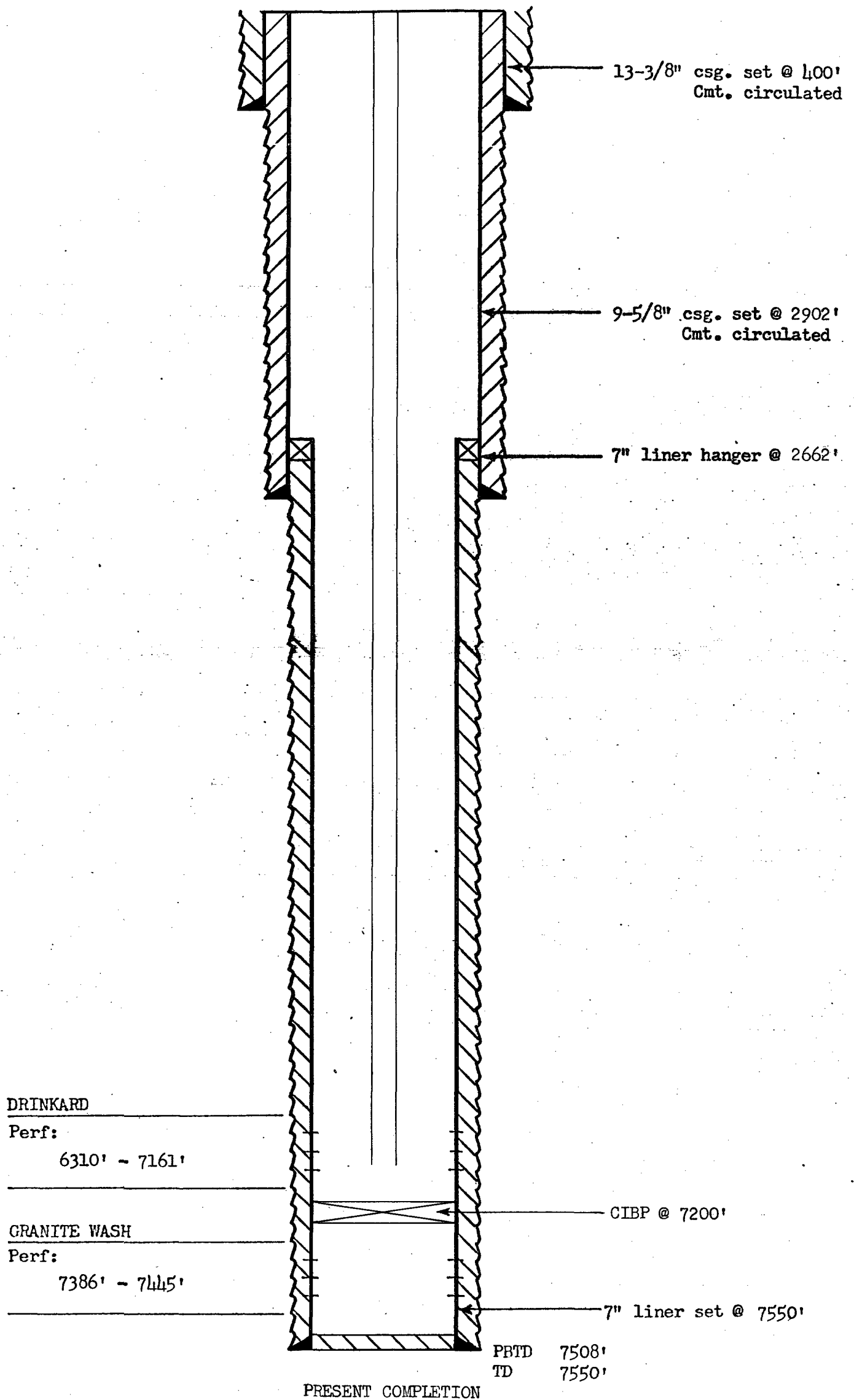


TEXACO Inc.  
A.H. BLINEBRY FED. NCT-1 NO. 41  
WANTZ GRANITE WASH FIELD  
LEA COUNTY, NEW MEXICO







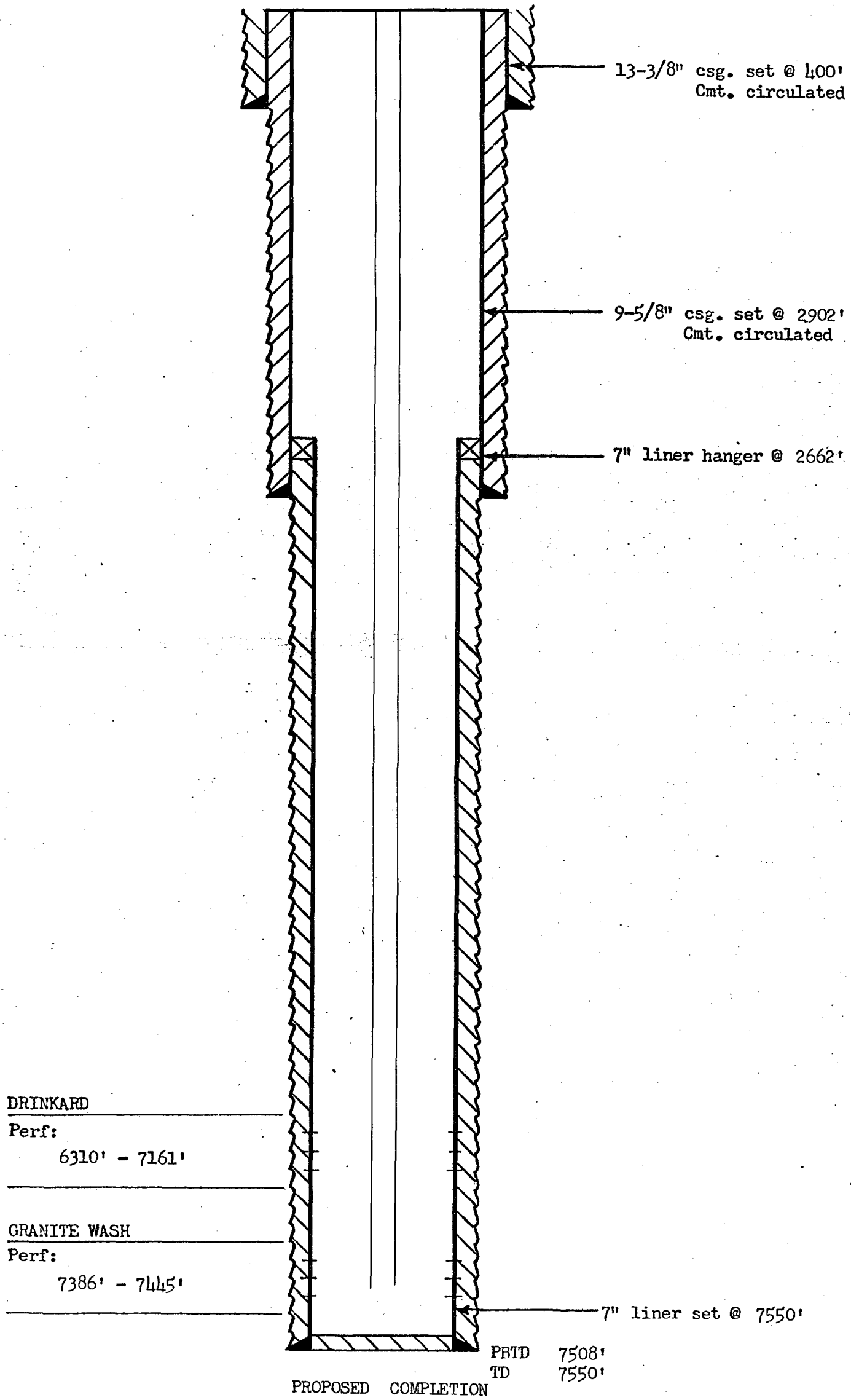


TEXACO Inc.  
A. H. BLINEBRY FED. NCT-1 NO. 41

LEA COUNTY, NEW MEXICO

WRH/CRC 5-24-78





TEXACO Inc.  
A. H. BLINEBRY FED. NCT-1 NO. 41  
LEA COUNTY, NEW MEXICO

OFFSET OPERATORS

American Petrofina, Inc.  
P. O. Box 2159  
Dallas, Texas 75221

Gulf Oil Company  
P. O. Box 670  
Hobbs, New Mexico 88240

Hanson Oil Corporation  
P. O. Box 1515  
Roswell, New Mexico 88201

Coquina Oil Corporation  
P. O. Drawer 2960  
Midland, Texas 79701

Imperial American Resources Fund, Inc.  
215 Mid-America Building  
Midland, Texas 79701

Moranco  
P. O. Box 1860  
Hobbs, New Mexico 88240

Summit Energy, Inc.  
1925 Mercantile Dallas Building  
Dallas, Texas 75201

Union Texas Petroleum  
P. O. Box 2120  
Houston, Texas 77001