



PETROLEUM PRODUCTS

NOV 1 1969  
4 DNE's  
ful nov 20

PRODUCING DEPARTMENT - UNITED STATES  
MIDLAND DIVISION  
DARRELL SMITH  
DIVISION MANAGER

October 30, 1969

TEXACO INC.  
P. O. BOX 3109  
MIDLAND, TEXAS 79701

WELLBORE COMMINGLING  
TUBB (OIL) AND DRINKARD POOLS  
LEA COUNTY, NEW MEXICO

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

7-7999  
max oil both zones  
50 BOPD  
may use both zones  
100 BOPD

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

Texaco Inc. respectfully requests administrative approval under the provisions of Order No. R-3845 to commingle in the wellbore oil production from the Tubb Oil Pool and the Drinkard Pool which are dually completed in Wells No. 11, 24, 25 and 27 on the A. H. Blinebry Federal NCT-1 Lease located in Section 28, Township 22-South, Range 38-East, Lea County, New Mexico.

GOR limit = 2000  
x TUA for the Drinkard pool.

The four wells for which wellbore commingling approval is requested qualify under the provisions of Statewide Rule 303 C. which provides for administrative application and approval of wellbore commingling. The two zones which produce in each wellbore produce oil and gas by artificial lift at rates below the limits specified in the subject order. Water is produced from only one of the two zones completed in each well and the volumes are minimal. The fluids from these two reservoirs have been commingled on the surface in common storage for several years and are known to be compatible. There has been no evidence of undesirable scale or precipitates. Ownership of the minerals in both zones is common and the value of the commingled fluids is not less than the total value of the fluids if they were marketed separately. There are no secondary recovery operations in the immediate vicinity.

In further compliance with the above mentioned order, a data sheet is attached listing all required data for the two reservoirs that are productive in each of the four wells. Also attached is a production decline curve for each zone in each well which may be used for allocating production. Well tests are also attached as submitted on Form C-116. These tests are current with the exception of the test for Well No. 25 which were conducted in July. Subsequent to July, 1969 Well No. 25 developed communication

| #  | TL    | DL    | Order approving decl |
|----|-------|-------|----------------------|
| "  | 54 90 | 46 90 | DC 905               |
| 24 | 44    | 56    | MC 1623              |
| 25 | 21    | 79    | MC 1631              |
| 27 | 15    | 85    | MC 1646              |

October 30, 1969

between the two reservoirs. For this reason, it has been impossible to conduct a current test on individual zones. The tests conducted in July are representative of the productive capacity and it is respectfully requested that these tests be accepted. Well No. 25 has been shut-in since communication developed in accordance with instructions from the Commission's District 1 Supervisor in Hobbs, New Mexico.

The lease on which the four subject wells is located is a Federal lease and a copy of this application is being submitted to the U.S. Geological Survey. Copies are also being mailed to each of the offset operators shown on the attached list.

Yours very truly,

Darrell Smith

By

  
C. L. Whigham  
Division Proration Engineer

CLW/pw

List of Offset Operators  
TEXACO Inc.

A. H. Blinbry Federal (NCT-1) Lease  
Lea County, New Mexico

Gulf Oil Company - U. S.  
P. O. Box 1938  
Roswell, New Mexico 88201

R. M. Moran  
P. O. Box 1718  
Hobbs, New Mexico 88240

Union Texas Natural Gas Corporation  
P. O. Box 196  
Midland, Texas 79701

E. A. Hanson  
P. O. Box 1515  
Roswell, New Mexico 88201

Western Oil Fields  
P. O. Box 1147  
Hobbs, New Mexico 88240

American Petrofina Company of Texas  
P. O. Box 1311  
Big Springs, Texas 79720

DATA SHEET FOR WELLBORE COMMINGLING

Operator: TEXACO Inc.

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

Lease and Well No: A. H. Blinbry Fed. (NCT-1) No. 11

Location: Unit L ; 1980 Feet from the South Line and  
330 Feet from West Line of Section 28 ;  
Township 22-S , Range 38-E ; Lea County.

Multiple Completion Order No. DC-905

WELL DATA

|                                | <u>Upper Pool</u>         | <u>Lower Pool</u>         |
|--------------------------------|---------------------------|---------------------------|
| Name of Pool                   | <u>Tubb (Oil)</u>         | <u>Drinkard</u>           |
| Producing Method               | <u>Pump</u>               | <u>Pump</u>               |
| BHP                            | <u>800 psi</u>            | <u>750 psi</u>            |
| Type Crude                     | <u>Intermediate Sweet</u> | <u>Intermediate Sweet</u> |
| Gravity                        | <u>39.4°</u>              | <u>38.8°</u>              |
| GOR Limit                      | <u>2000:1</u>             | <u>2000:1</u>             |
| Completion Interval            | <u>6274'-6322'</u>        | <u>6905'-7200'</u>        |
| Current Test Date              | <u>10-12-69</u>           | <u>10-13-69</u>           |
| Oil                            | <u>8</u>                  | <u>7</u>                  |
| Water                          | <u>0</u>                  | <u>1</u>                  |
| GOR                            | <u>5875</u>               | <u>2857</u>               |
| Selling Price of Crude-\$/BBL. | <u>\$3.34</u>             | <u>\$3.32</u>             |
| Daily Income - \$/Day          | <u>\$26.72</u>            | <u>\$23.24</u>            |

COMMINGLED DATA:

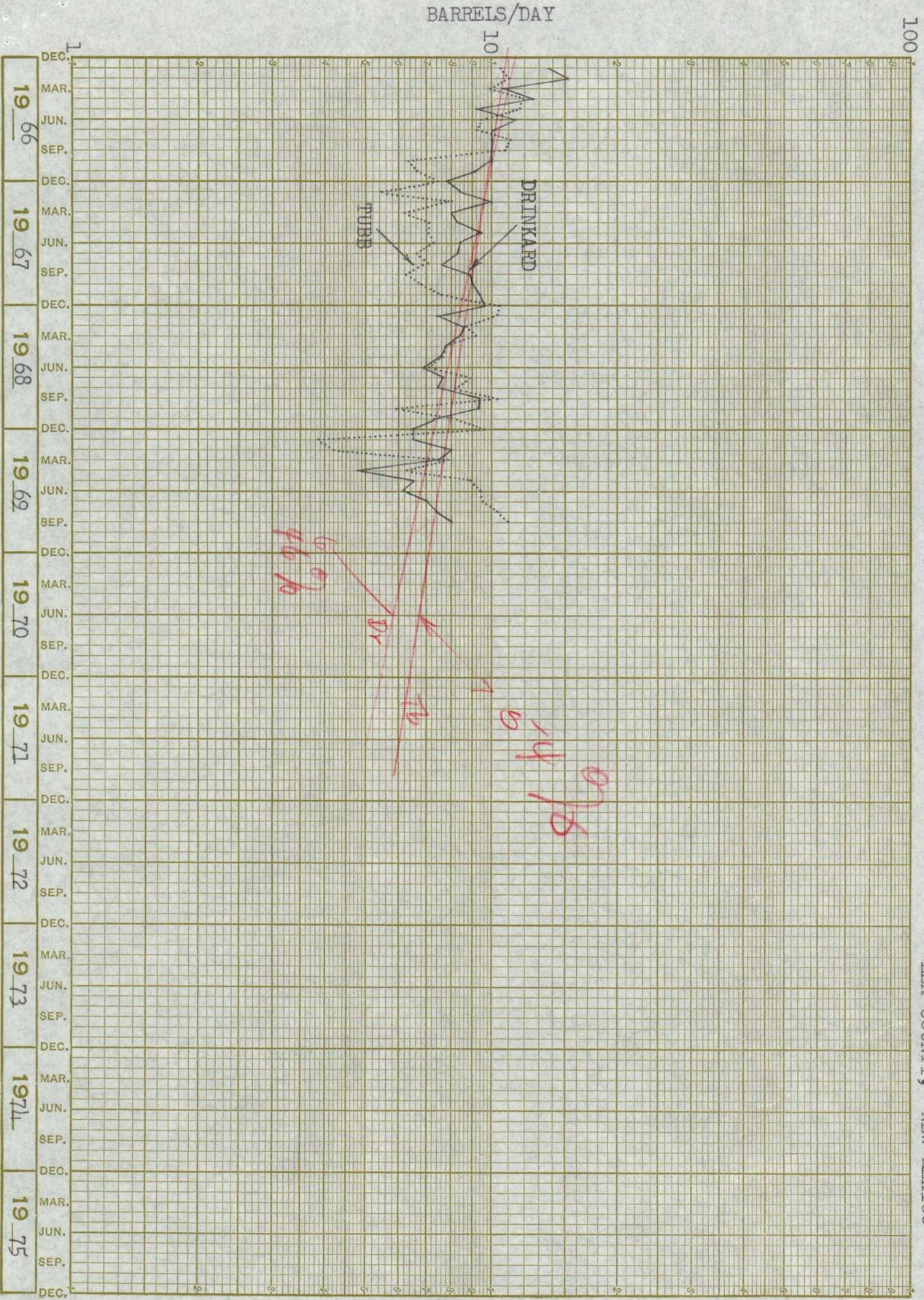
Gravity of Commingled Crude 39.1°

Selling Price of Commingled Crude - \$/BBL. \$3.34

Daily Income - \$/Day \$50.10

Net (Gain) (~~Loss~~) From Wellbore Commingling - \$/Day \$0.14  
based on current producing rates.

TEXACO Inc.  
PERFORMANCE CURVE  
A. H. BLINEBRY FED. (NCT-1) NO. 11  
TUBB (OIL) & DRINKARD POOLS  
LEA COUNTY, NEW MEXICO



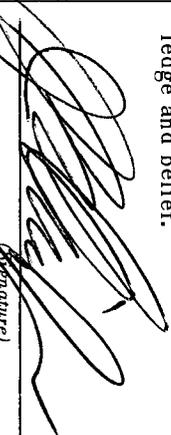
NEW MEXICO OIL CONSERVATION COMMISSION  
GAS-OIL RATIO TESTS

C-116  
Revised 1-1-65

| Operator  |   | Pool                                    |   | County       |              |                    |                          |            |             |                 |                      |                   |           |          |                              |  |  |
|---|---|---|---|--------------|--------------|--------------------|--------------------------|------------|-------------|-----------------|----------------------|-------------------|-----------|----------|------------------------------|--|--|
| TEXACO Inc.   |   | Tubb (Oil) Drinkard                     |   | Ira          |              |                    |                          |            |             |                 |                      |                   |           |          |                              |  |  |
| Address   |   | P. O. Box 728 - Hobbs, New Mexico 88240 |   | TEST - (X)   |              |                    |                          |            |             |                 |                      |                   |           |          |                              |  |  |
| LEASE NAME  |   | WELL NO.                                |   | DATE OF TEST |              |                    |                          |            |             |                 |                      |                   |           |          |                              |  |  |
| A. H. Blinbery Fed. (NCT-1)                         |   | 11                                      |   | 10-12-69     |              |                    |                          |            |             |                 |                      |                   |           |          |                              |  |  |
| Tubb (Oil) Pool                                     |   | 11                                      |   | 10-13-69     |              |                    |                          |            |             |                 |                      |                   |           |          |                              |  |  |
| Drinkard  |   | 11                                      |   | 10-13-69     |              |                    |                          |            |             |                 |                      |                   |           |          |                              |  |  |
| This is a test taken prior to downhole commingling. |   |   |   |              |              |                    |                          |            |             |                 |                      |                   |           |          |                              |  |  |
| LOCATION  | U | S                                       | T | R            | DATE OF TEST | TYPE OF TEST - (X) | SCHEDULED                | CHOKE SIZE | TBG. PRESS. | DAILY ALLOWABLE | LENGTH OF TEST HOURS | PROD. DURING TEST |           |          | GAS - OIL RATIO CU. FT./BBL. |  |  |
|   |   |   |   |              |              |                    |                          |            |             |                 |                      | WATER BBL.        | GRAV. OIL | OIL BBL. |                              |  |  |
|   |   |   |   |              |              |                    | <input type="checkbox"/> |            |             |                 |                      |                   |           |          |                              |  |  |
|   |   |   |   |              |              |                    | <input type="checkbox"/> |            |             |                 |                      |                   |           |          |                              |  |  |
|   |   |   |   |              |              |                    | <input type="checkbox"/> |            |             |                 |                      |                   |           |          |                              |  |  |

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.

  
 Assistant District Superintendent  
 (Title)  
 October 22, 1969  
 (Date)