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AREA 640 ACRES  
LOCATE WELL CORRECTLY

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 5 Copies

TEXACO Inc. State of New Mexico "AT"  
(Company or Operator) (Lease)

Well No. 7 in NW 1/4 of NE 1/4 of Sec. 15, T. 14-S, R. 33-E, NMPM.  
Saunders Pool, Lea County.

Well is 660 feet from North line and 1980 feet from East line  
of Section 15. If State Land the Oil and Gas Lease No. is B-9505

Drilling Commenced August 5, 1964 Drilling was Completed September 6, 1964

Name of Drilling Contractor Marcum Drilling Company

Address P. O. Box 5094 - Midland, Texas

Elevation above sea level at Top of Tubing Head 4215' (D. F.) The information given is to be kept confidential until December, 1964

Please see attached sheet.

### OIL SANDS OR ZONES

No. 1, from to No. 4, from to  
No. 2, from to No. 5, from to  
No. 3, from to No. 6, from to

Drilled with rotary tools and no water sands tested.  
IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.  
No. 2, from to feet.  
No. 3, from to feet.  
No. 4, from to feet.

### CASING RECORD

| SIZE    | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE      |
|---------|-----------------|-------------|--------|--------------|---------------------|--------------|--------------|
| 10 3/4" | 21.63           | NEW         | 361'   | Howco        | NONE                | NONE         | Surface      |
| 7 5/8"  | 24.00           | NEW         | 4124'  | Howco        | NONE                | NONE         | Intermediate |
| 4 1/2"  | 11.60           | NEW         | 6000'  | Howco        | NONE                | See Attached | Production   |

### MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 15"          | 10 3/4"        | 378'      | 400                 | HOWCO       |             |                    |
| 9 7/8"       | 7 5/8"         | 4135'     | 700                 | HOWCO       |             |                    |
| 6 3/4"       | 4 1/2"         | 9998'     | 450                 | HOWCO       |             |                    |

### RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

See the attached sheet.

Result of Production Stimulation See the attached sheet.

Depth Cleaned Out 10,000'  
9,901'

# RECORD OF DRILL-STEM AND SPECIAL

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

## TOOLS USED

Rotary tools were used from 0 feet to 10,000 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing September 18, 1964  
OIL WELL: The production during the first 24 hours was 170 barrels of liquid of which 28% was oil; % was emulsion; 72% water; and % was sediment. A.P.I. Gravity 41.3  
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.  
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

| Southeastern New Mexico |       |  | Northwestern New Mexico |  |                       |
|-------------------------|-------|--|-------------------------|--|-----------------------|
| T. Anhy                 | 1698' |  | T. Devonian             |  | T. Ojo Alamo          |
| T. Salt                 | 1804' |  | T. Silurian             |  | T. Kirtland-Fruitland |
| B. Salt                 | 2490' |  | T. Montoya              |  | T. Farmington         |
| T. Yates                | 2653' |  | T. Simpson              |  | T. Pictured Cliffs    |
| T. 7 Rivers             |       |  | T. McKee                |  | T. Menefee            |
| T. Queen                |       |  | T. Ellenburger          |  | T. Point Lookout      |
| T. Grayburg             |       |  | T. Gr. Wash             |  | T. Mancos             |
| T. San Andres           | 4215' |  | T. Granite              |  | T. Dakota             |
| T. Glorieta             | 5537' |  | T.                      |  | T. Morrison           |
| T. Drinkard             |       |  | T.                      |  | T. Penn               |
| T. Tubbs                | 6957' |  | T.                      |  | T.                    |
| T. Abo                  | 7685' |  | T.                      |  | T.                    |
| T. Wolfcamp             | 9290' |  | T.                      |  | T.                    |
| T. Miss                 |       |  | T.                      |  | T.                    |

## FORMATION RECORD

| From  | To         | Thickness in Feet | Formation          | From | To | Thickness in Feet | Formation |
|---|------------|-------------------|--------------------|------|----|-------------------|-----------|
| 0   | 378        | 378               | Caliche            |      |    |                   |           |
| 378   | 940        | 562               | Redbed             |      |    |                   |           |
| 940   | 1698       | 758               | Redbed & Sand      |      |    |                   |           |
| 1698  | 2490       | 792               | Anhy               |      |    |                   |           |
| 2490  | 2653       | 163               | Anhy & Salt        |      |    |                   |           |
| 2653  | 3998       | 1345              | Anhy               |      |    |                   |           |
| 3998  | 4860       | 862               | Anhy & Lime        |      |    |                   |           |
| 4860  | 5953       | 1093              | Lime & Sand        |      |    |                   |           |
| 5953  | 6793       | 840               | Lime               |      |    |                   |           |
| 6793  | 7747       | 954               | Lime, Sand & Shale |      |    |                   |           |
| 7747  | 8382       | 635               | Lime & Sand        |      |    |                   |           |
| 8382  | 9660       | 1278              | Lime & Shale       |      |    |                   |           |
| 9660  | 10000      | 340               | Lime               |      |    |                   |           |
| Total Depth   | 10000      |                   |                    |      |    |                   |           |
| PBTD  | 9901       |                   |                    |      |    |                   |           |
| All measurements from rotary table or 13' above ground level. |            |                   |                    |      |    |                   |           |
| Estimate Number   | 8128       |                   |                    |      |    |                   |           |
| 6 - NMOCC   | - Hobbs    |                   |                    |      |    |                   |           |
| 1 - SLO   | - Santa Fe |                   |                    |      |    |                   |           |
| 1 - Field   |            |                   |                    |      |    |                   |           |
| 1 - File  |            |                   |                    |      |    |                   |           |

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

H. D. Raymond September 21, 1964  
(Date)  
Address P. O. Box 728 - Hobbs, New Mexico  
Position or Title Assistant District Superintendent

Company or Operator TEXACO Inc.  
Name H. D. Raymond

140255  
SEP 21 3 37 PM '64

State of New Mexico "AT" Well No. 7

Spudded 15" Hole 6:00 A. M. August 5, 1964. Ran 361' of 10 3/4" O. D. Casing and cemented at 378' with 400 Sx. Class "A" 2% CACL. Plug at 348'. Cement Circulated. Tested for 30 minutes before and after drilling plug with 600 P. S. I. Tested O. K. Job complete 1:00 P. M. August 6, 1964.

Ran 4124' of 7 5/8" O. D. Casing and cemented at 4135' with 600 Sx. Incor 4% gel, plus 100 Sx. Incor neat. Plug at 4103'. Tested for 30 minutes before and after drilling plug with 1000 P. S. I. Tested O. K. Job complete 9:30 A. M. August 14, 1964.

Ran 6000' of 4 1/2" O. D. Casing, Hung in 7 5/8" O. D. Casing at 4007', and cemented top of casing with 100 Sx. neat, cemented bottom of casing at 9998' with 450 Sx. Class "C" 8% gel with 5/10 of 1% TIC. Tested top and bottom of 4 1/2" Casing for 30 minutes with 1000 P. S. I. Tested O. K. Job complete 2:15 A. M. September 9, 1964.

Perforate 4 1/2" O. D. Casing with one jet shot per foot from 9874' to 9884'. Acidize with 1000 gals 15% NE acid. Swab well. Re-acidize with 1000 gals 15% NE acid. Swab well.

On 24 Hour Potential Test well swabbed 48 BO and 122 BBL water, ending 7:00 A. M. September 18, 1964.

GOR - TSTM

GRAVITY - 41.3

TOP OF PAY - 9874'

BTM OF PAY - 9884'

NMOCC DATE - September 6, 1964.

TEXACO Inc. Date - September 18, 1964.

|                           |     |
|---------------------------|-----|
| NUMBER OF COPIES RECEIVED |     |
| DISTRIBUTION              |     |
| SANTA FE                  |     |
| FILE                      |     |
| U.S.S.                    |     |
| LAND OFFICE               |     |
| TRANSPORTER               | OIL |
|                           | GAS |
| PRODUCTION OFFICE         |     |
| OPERATOR                  |     |

# NEW MEXICO OIL CONSERVATION COMMISSION

(Form C-104)  
Revised 7/1/57

Santa Fe, New Mexico

## REQUEST FOR (OIL) - (GAS) ALLOWABLE

HOBBS DISTRICT O. C. C.

New Well  
Recompletion

SEP 21 1964

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit. TEXACO Inc. - P. O. Box 728 Hobbs, New Mexico September 21, 1964

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

TEXACO Inc. State of New Mexico "AT", Well No. 7, in NW 1/4 NE 1/4,

(Company or Operator)

(Lease)

"B" Sec. 15, T. 14-S, R. 33-E, NMPM., Saunders Pool

Unit Leader

Lea

County. Date Spudded Aug. 5, 1964 Date Drilling Completed Sept. 6, 1964

Elevation 4215' (D. F.) Total Depth 10,000' PBD 9901'

Top Oil/Gas Pay 9874' Name of Prod. Form. Wolfcamp

PRODUCING INTERVAL - 9874' to 9884'

Perforations  
Open Hole NONE Depth Casing Shoe 9998' Depth Tubing 9847'

### OIL WELL TEST -

Natural Prod. Test: \_\_\_\_\_ bbls. oil, \_\_\_\_\_ bbls water in \_\_\_\_\_ hrs, \_\_\_\_\_ min. Choke Size \_\_\_\_\_

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 48 bbls. oil, 122 bbls water in 24 hrs, 0 min. Choke Size Swab

### GAS WELL TEST -

Natural Prod. Test: \_\_\_\_\_ MCF/Day; Hours flowed \_\_\_\_\_ Choke Size \_\_\_\_\_

Method of Testing (pitot, back pressure, etc.): \_\_\_\_\_

Test After Acid or Fracture Treatment: \_\_\_\_\_ MCF/Day; Hours flowed \_\_\_\_\_

Choke Size \_\_\_\_\_ Method of Testing: \_\_\_\_\_

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): see remarks

Casing Press. - - Tubing Press. Swab Date first new oil run to tanks September 16, 1964

Oil Transporter Texas-New Mexico Pipe Line Company

Gas Transporter Warren Petroleum Company

Remarks: Perforate 4 1/2" O. D. Casing with one jet shot per foot from 9874' to 9884'. Acidize with 1000 gals 15% NE acid. Swab well. Re-acidize with 1000 gals 15% NE Acid.

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

Approved: \_\_\_\_\_, 19\_\_\_\_\_

TEXACO Inc.

(Company or Operator)

By: \_\_\_\_\_ (Signature) H. D. Raymond

Title Assistant District Superintendent  
Send Communications regarding well to:

Name H. D. Raymond  
P.O. Box 728 - Hobbs, New Mexico

OIL CONSERVATION COMMISSION

By: \_\_\_\_\_

Title \_\_\_\_\_

I H. D. Raymond being of lawful age and being  
the Assistant District Supt. for TEXACO Inc., do state  
that the deviation record which appears on this form is  
true and correct to the best of my knowledge.

H. D. Raymond

H. D. Raymond

Subscribed and sworn to before me this 21st day of  
September, 19 64.

My commission expires October 20, 1966.

Notary ~~Public~~ R. E. Johnson

R. E. Johnson

for Lea County, State of New Mexico

Lease State of New Mexico "AT" Well No. 7

Deviation Record

| <u>Depth</u> | <u>Degrees Off</u> |
|--------------|--------------------|
| 120'         | 3/4                |
| 370'         | 3/4                |
| 1250'        | 3/4                |
| 1660'        | 1/4                |
| 2109'        | 3/4                |
| 2730'        | 1                  |
| 3380'        | 1 1/2              |
| 3570'        | 1/2                |
| 3993'        | 1                  |
| 4326'        | 3/4                |
| 4500'        | 3/4                |
| 4942'        | 3/4                |
| 5170'        | 1 1/2              |
| 5480'        | 1                  |
| 5942'        | 1                  |
| 6180'        | 1                  |
| 6770'        | 1                  |
| 6910'        | 1                  |
| 7129'        | 1                  |
| 7300'        | 3/4                |
| 7510'        | 1/2                |
| 8040'        | 1/4                |
| 8356'        | 1                  |
| 8850'        | 3 1/2              |
| 9100'        | 3 1/4              |
| 9220'        | 2 1/2              |
| 9600'        | 1                  |
| 9850'        | 3/4                |
| 10000'       | 3/4                |