

HOBBS OFFICE OCC

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

1959 FEB 2 AM 76-556

PACKER-SETTING AFFIDAVIT
(Dual Completions)

STATE OF New Mexico)
County of Lea) ss

M. O. Daugherty, being first duly sworn according to law, upon his oath deposes and says:

That he is of lawful age and has full knowledge of the facts herein below set out.

That he is employed by Gulf Oil Corporation in the capacity of Production Foreman and as such is its authorized agent.

That on January 28, 1959, he personally supervised the setting of a Baker Model D Production in Gulf Oil Corporation's
(Make and Type of Packer) (Operator)

Leeroy McHuffington Well No. 5, located in Unit
(lease)
Letter J, Section 13, Township 25-S, Range 37-E, NMPM,
Lea County, New Mexico.

That said packer was set at a subsurface depth of 8150 feet,
said depth measurement having been furnished by Frontier Perforators, Inc.

That the purpose of setting this packer was to effect a seal in the annular space between the two strings of pipe where the packer was set so as to prevent the commingling, within the well-bore, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer. That this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

Gulf Oil Corporation
(Company)

M O Daugherty
(its Agent)

Subscribed and sworn to before me this the 30th day of Jan., AD, 1959.

J. L. Dan Hoven
Notary Public in and for the County
of Lea, New Mexico

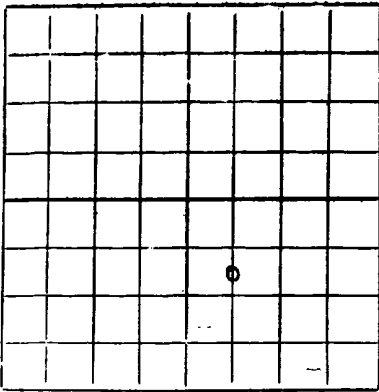
My Commission Expires 7-16-62.

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 QUINTUPPLICATE. If State Land submit 6 Copies



AREA 640 ACRES
LOCATE WELL CORRECTLY

Gulf Oil Corporation

(Company or Operator)

Leasey H. Buffington

(Lease)

Well No. **5**, in **SW** 1/4 of **SE** 1/4, of Sec. **13**, T. **25N**, R. **37E**, NMPM.

Justis Ellenburger

Pool, **Lea**

County.

Well is **1650** feet from **South** line and **1900** feet from **East** line

of Section **13-25N-37E**. If State Land the Oil and Gas Lease No. is **--**

Drilling Commenced **11-16-57**, 19 **--** Drilling was Completed **1-6-58**, 19 **--**

Name of Drilling Contractor **Noble Drilling Company**

Address **Box 2448 - Odessa, Texas**

Elevation above sea level at Top of Tubing Head **3089'**. The information given is to be kept confidential until **--**, 19 **--**

OIL SANDS OR ZONES

No. 1, from **8260'** to **8300'** No. 4, from **--** to **--**
No. 2, from **--** to **--** No. 5, from **--** to **--**
No. 3, from **--** to **--** No. 6, from **--** to **--**

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 |
|----------------|-----------------|-------------|--------------|--------------|---------------------|---------------------------|---------------------|
| 13-3/8" | 48# | New | 407' | Baker | - | - | Surface Pipe |
| 9-5/8" | 36# | New | 3438' | Baker | - | - | Intermediate |
| 7" | 23# | New | 8246' | Baker | - | (None - Open hole) | Oil String |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|----------------|----------------|--------------|---------------------|------------------------|-------------|--------------------|
| 17-1/4" | 13-3/8" | 423' | 400 | Pump & Plug | - | - |
| 12-1/4" | 9-5/8" | 3450' | 2350' | Pump & Plug | - | - |
| 8-3/4" | 7" | 8260' | 1000 | Pump & Plug | - | - |

RECORD OF PRODUCTION AND STIMULATION

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

500 gallons mud acid.

Result of Production Stimulation **Flowed 910 barrels oil in 24 hours through 24/64" choke.**

Depth Cleaned Out **--**

RECORD OF DRILL-STEM AND SPECIAL TV

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 8300 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 1-20-58, 19
OIL WELL: The production during the first 24 hours was 310 barrels of liquid of which 100 % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity 35.6
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 | | T. Devonian | |
| T. Salt | | T. Silurian | 6870' |
| B. Salt | | T. Montoya | 6935' |
| T. Yates | | T. Simpson | 7220' |
| T. 7 Rivers | | T. McKee | 7612' |
| T. Queen | | T. Ellenburger | 8260' |
| T. Grayburg | | T. Gr. Wash | |
| T. San Andres | 3585' | T. Granite | |
| T. Glorieta | 4630' | T. | |
| T. Drinkard | 5960' | T. | |
| T. Tubbs | 5660' | T. | |
| T. Abo | | T. | |
| T. Penn | | T. | |
| T. Miss | | T. | |
| T. Ojo Alamo | | | |
| T. Kirtland-Fruitland | | | |
| T. Farmington | | | |
| T. Pictured Cliffs | | | |
| T. Menefee | | | |
| T. Point Lookout | | | |
| T. Mancos | | | |
| T. Dakota | | | |
| T. Morrison | | | |
| T. Penn | | | |
| T. | | | |
| T. | | | |
| T. | | | |
| T. | | | |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|----------------------|---------------------------|------|----|----------------------|--------------------------|
| 0 | 12' | | Distance from Kelly Drive | | | | DEVIATION - TORCO SURVEY |
| | | | Bushings to Ground Level | | | | 2-3/4' - 1760' |
| | 154 | | Caliche & Sand | | | | 3-1/4' - 2205 |
| | 426 | | Red Bed | | | | 3' - 2335 |
| | 1845 | | Red Bed & Shells | | | | 1-3/4' - 2645 |
| | 2188 | | Anhydrite & Shells | | | | 1' - 2860 |
| | 2287 | | Anhydrite & Gyp | | | | 1/2' - 3100 |
| | 2700 | | Anhydrite | | | | 1/4' - 3521 |
| | 2995 | | Anhydrite & Lime | | | | 2' - 4220 |
| | 3255 | | Lime | | | | 1-1/2' - 4770 |
| | 3282 | | Anhydrite & Lime | | | | 1-1/2' - 5190 |
| | 3481 | | Lime | | | | 1-1/4' - 5468 |
| | 4263 | | Lime & Shale | | | | 1' - 5760 |
| | 5010 | | Lime | | | | 3/4' - 6120 |
| | 5122 | | Lime & Shale | | | | 1-1/4' - 6545 |
| | 7105 | | Lime | | | | 1-1/4' - 6880 |
| | 7216 | | Lime & Chert | | | | 2' - 7085 |
| | 7287 | | Lime | | | | 3' - 7420 |
| | 7465 | | Lime & Shale | | | | 3-3/4' - 7605 |
| | 7677 | | Shale | | | | 3' - 7790 |
| | 7900 | | Lime & Sand | | | | 3' - 7960 |
| | 8260 | | Shale & Lime | | | | 3-1/2' - 8210 |
| | 8300 | | Lime | | | | |

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.

April 25, 1958

(Date)

Company or Operator Gulf Oil Corporation

Address Box 2167 - Hobbs, New Mexico

Name E. F. Taylor

Position or Title Area Production Superintendent