

RECORD OF DRILL-STEM AND SPECIAL TESTS

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 surface feet to 9,322 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

PRODUCTION

Put to Producing May 25, 1964  
OIL WELL: The production during the first 24 hours was 123 barrels of liquid of which 88 % was  
was oil; \_\_\_\_\_ % was emulsion; 12 % load & acid water; and \_\_\_\_\_ % was sediment. A.P.I.  
Gravity 35.1  
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.                         | <u>1,920'</u>          | T. Devonian             | _____ |
| T. Salt                          | <u>2,038'</u>          | T. Silurian             | _____ |
| B. Salt                          | <u>3,097'</u>          | T. Montoya              | _____ |
| T. Yates                         | <u>3,224'</u>          | T. Simpson              | _____ |
| T. 7 Rivers                      | <u>3,423'</u>          | T. McKee                | _____ |
| T. Queen                         | <u>4,180'</u>          | T. Ellenburger          | _____ |
| T. Grayburg                      | <u>4,498'</u>          | T. Gr. Wash             | _____ |
| T. San Andres                    | <u>4,966'</u>          | T. Granite              | _____ |
| T. Glorieta                      | <u>6,632'</u>          | T. _____                | _____ |
| T. <del>Stark</del> Clearfork    | <u>6,926'</u>          | T. _____                | _____ |
| T. <del>Stark</del> Bone Springs | <u>7,362'</u>          | T. _____                | _____ |
| T. Abo                           | <u>Detrital 9,168'</u> | T. _____                | _____ |
| T. Penn.                         | _____                  | T. _____                | _____ |
| T. Miss.                         | _____                  | T. _____                | _____ |

FORMATION RECORD

| From   | To     | Thickness in Feet | Formation               | From | To | Thickness in Feet | Formation |
|--------|--------|-------------------|-------------------------|------|----|-------------------|-----------|
| 0'     | 210'   | 120'              | Surface Rocks           |      |    |                   |           |
| 210'   | 815'   | 605'              | Red Bed                 |      |    |                   |           |
| 815'   | 1,775' | 960'              | Red Bed & Shells        |      |    |                   |           |
| 1,775' | 2,050' | 275'              | Shale, Anhydrite & Sand |      |    |                   |           |
| 2,050' | 3,330' | 1,280'            | Anhydrite & Salt        |      |    |                   |           |
| 3,330' | 3,661' | 331'              | Anhydrite               |      |    |                   |           |
| 3,661' | 4,407' | 746'              | Anhydrite & Lime        |      |    |                   |           |
| 4,407' | 6,120' | 1,713'            | Lime                    |      |    |                   |           |
| 6,120' | 6,506' | 386'              | Lime & Chert            |      |    |                   |           |
| 6,506' | 7,343' | 837'              | Lime                    |      |    |                   |           |
| 7,343' | 7,610' | 267'              | Lime & Sand             |      |    |                   |           |
| 7,610' | 8,175' | 565'              | Lime                    |      |    |                   |           |
| 8,175' | 8,530' | 355'              | Dolomite & Chert        |      |    |                   |           |
| 8,530' | 8,576' | 46'               | Lime                    |      |    |                   |           |
| 8,576' | 8,954' | 378'              | Lime & Chert            |      |    |                   |           |
| 8,954' | 9,074' | 120'              | Lime                    |      |    |                   |           |
| 9,074' | 9,137' | 63'               | Lime, Shale & Dolomite  |      |    |                   |           |
| 9,137' | 9,160' | 23'               | Lime & Dolomite         |      |    |                   |           |
| 9,160' | 9,235' | 75'               | Lime                    |      |    |                   |           |
| 9,235' | 9,322' | 87'               | Dolomite                |      |    |                   |           |
|        | T.D.   |                   |                         |      |    |                   |           |

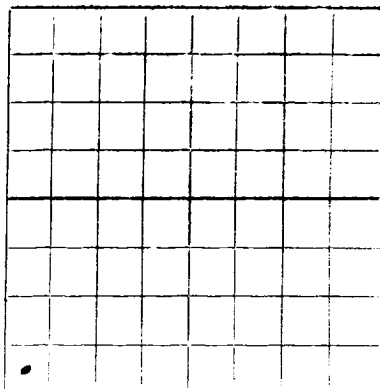
ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

May 28, 1964

Company or Operator Lone Star Producing Company  
Name E. C. Watson

Address Box 4815, Midland, Texas 79702  
Position or Title Sr. Production Foreman



## NEW MEXICO OIL CONSERVATION COMMISSION

HOBBBS SERVICE O. C. C.  
Santa Fe, New Mexico

May 32 8 11 AM '64

## 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 QUINTEPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Lone Star Producing Company

Gulf State

(Company or Operator)

(Lease)

Well No. 1, in S.W.  $\frac{1}{4}$  of S.W.  $\frac{1}{4}$ , of Sec. 20, T. 17-S, R. 36-E, NMPM.Undesignated

Pool,

Lea

County.

Well is 330 feet from South line and 330 feet from West lineof Section 20. If State Land the Oil and Gas Lease No. is E-7502 7556Drilling Commenced March 28, 19 64 Drilling was Completed May 19, 19 64Name of Drilling Contractor Lowe Drilling CompanyAddress Box 832, Midland, TexasElevation above sea level at Top of Tubing Head 3,873.7'  
The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_.

## OIL SANDS OR ZONES

No. 1, from 9,168' to 9,180' 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                     |
|--------------------|-------------------|-------------|---------------|---------------|---------------------|---------------------|-----------------------------|
| <u>10-3/4"</u>     | <u>32.75#</u>     | <u>New</u>  | <u>395'</u>   | <u>Larkin</u> | <u>--</u>           | <u>(Circulated)</u> | <u>Protect water sands.</u> |
| <u>7-5/8"</u>      | <u>26.40#</u>     | <u>New</u>  | <u>3,600'</u> | <u>Larkin</u> | <u>--</u>           |                     | <u>Shut off salt.</u>       |
| <u>4 1/2" O.D.</u> | <u>11.6 49.5#</u> | <u>New</u>  | <u>9,293'</u> | <u>Larkin</u> | <u>--</u>           | <u>9,171'-78'</u>   | <u>Oil string.</u>          |
| <u>2-3/8"</u>      | <u>4.70#</u>      | <u>New</u>  | <u>9,179'</u> |               |                     |                     |                             |

## MUDDING AND CEMENTING RECORD

| SIZE OF HOLE  | SIZE OF CASING | WHERE SET     | NO. SACKS OF CEMENT | METHOD USED              | MUD GRAVITY | AMOUNT OF MUD USED |
|---------------|----------------|---------------|---------------------|--------------------------|-------------|--------------------|
| <u>15"</u>    | <u>10-3/4"</u> | <u>395'</u>   | <u>325</u>          | <u>Pump (Circulated)</u> |             |                    |
| <u>9-7/8"</u> | <u>7-5/8"</u>  | <u>3,600'</u> | <u>1,112</u>        | <u>"</u>                 |             |                    |
| <u>6-3/4"</u> | <u>4 1/2"</u>  | <u>9,293'</u> | <u>200</u>          | <u>"</u>                 |             |                    |

## RECORD OF PRODUCTION AND STIMULATION

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

Jet perforated 1 hole per foot from 9,171'-78' (7'). Treated perforations 9,171'-78' with 1,000 gallons BDA with 15# FLA-X2 added.

Result of Production Stimulation Produced 123 barrels of 35.1 corrected gravity oil and 15 barrels load and acid water in 24 hours on 24/64" choke, 0-50# flowing pressure.

Depth Cleaned Out 9,258'