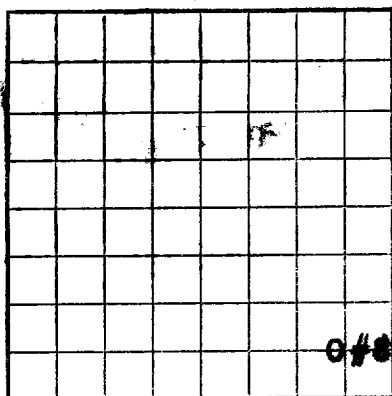


U. S. LAND OFFICE **Las Cruces**  
SERIAL NUMBER **032326 (b)**  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company **Stanolind Oil and Gas Company** Address **Box 68, Hobbs, New Mexico**  
Lessor or Tract **South Mattix Unit** Field **Fowler** State **New Mexico**  
Well No. **8** Sec. **15** T. **24-S** R. **37-E** Meridian **NMP** County **Lea**  
Location **660** ft. {N.} of **S** Line and **660** ft. {W.} of **E** Line of **Section 15** Elevation **3247RDB**  
(Derriek Road relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date **January 15, 1953**Signed **E. R. Hook**  
FIELD CLERK  
Title **Field Superintendent**

The summary on this page is for the condition of the well at above date.

Commenced drilling **9-22**, **1952** Finished drilling **1-12**, **1953**

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **9695** to **10,295** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

| Size casing        | Weight per foot | Threads per inch | Make         | Amount        | Kind of shoe | Cut and pulled from | Perforated |     | Purpose             |
|--------------------|-----------------|------------------|--------------|---------------|--------------|---------------------|------------|-----|---------------------|
|                    |                 |                  |              |               |              |                     | From—      | To— |                     |
| <b>13-3/8 36</b>   |                 |                  | <b>Armed</b> | <b>310</b>    | <b>Float</b> |                     |            |     | <b>Surface</b>      |
| <b>9-5/8 31</b>    |                 |                  | <b>SR</b>    | <b>383</b>    | <b>Float</b> |                     |            |     | <b>Intermediate</b> |
| <b>7" 23-26-29</b> |                 |                  | <b>SR</b>    | <b>10,047</b> | <b>Float</b> |                     |            |     | <b>Oil String</b>   |

## MUDDING AND CEMENTING RECORD

| Size casing   | Where set     | Number sacks of cement     | Method used            | Mud gravity | Amount of mud used |
|---------------|---------------|----------------------------|------------------------|-------------|--------------------|
| <b>13-3/8</b> | <b>324</b>    | <b>380</b>                 | <b>Howeo Plug</b>      |             |                    |
| <b>9-5/8</b>  | <b>847</b>    | <b>625</b>                 | <b>Howeo Two Stage</b> |             |                    |
| <b>7"</b>     | <b>10,001</b> | <b>900 / 4% gel /</b>      |                        |             |                    |
|               |               | <b>900 Cu. Ft. Perlite</b> | <b>Howeo Plug</b>      |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from **Surface** feet to **10,295** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

**January 15**, **1953** Put to producing **January 12**, **1953**  
The production for the first 24 hours was **376** barrels of fluid of which **99.8** % was oil; \_\_\_\_\_ %  
emulsion; **0** % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

**E. R. Hook** \_\_\_\_\_, Driller **D. S. Lawson** \_\_\_\_\_, Driller  
**Glen Long** \_\_\_\_\_, Driller **L. O. Riley, Tool Pusher** **XXX** \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM— | TO—   | TOTAL FEET   | FORMATION                  |
|-------|-------|--------------|----------------------------|
| 0     | 1150  | 1150         | Caliche, red beds and sand |
| 1150  | 3400  | 2250         | Anhydrite, salt and gyp    |
| 3400  | 3810  | 410          | Anhydrite and lime         |
| 3810  | 8540  | 4730         | Lime and chert             |
| 8540  | 9005  | 465          | Lime and Shale             |
| 9005  | 9373  | 568          | Sand and shale             |
| 9373  | 9695  | 322          | Shale and Lime             |
| 9695  | 10180 | 485          | Dolomite                   |
| 10180 | 10295 | 115          | Granitewash                |
|       |       |              | <b>Foss</b>                |
|       |       | <b>3885</b>  | <b>San Andres</b>          |
|       |       | <b>4825</b>  | <b>Glorieta</b>            |
|       |       | <b>5845</b>  | <b>Fubbs</b>               |
|       |       | <b>6955</b>  | <b>Base Perm.</b>          |
|       |       | <b>6950</b>  | <b>Top. Silurian</b>       |
|       |       | <b>7340</b>  | <b>Fusselman</b>           |
|       |       | <b>7980</b>  | <b>Montoya</b>             |
|       |       | <b>8460</b>  | <b>Simpson</b>             |
|       |       | <b>9020</b>  | <b>McKee</b>               |
|       |       | <b>9695</b>  | <b>Ellenburger</b>         |
|       |       | <b>10180</b> | <b>Granite Wash</b>        |
|       |       | <b>10295</b> | <b>F. D.</b>               |

There were no drill stem tests.

(OVER)

FORMATION RECORD-Continued

| FROM- | TO- | TOTAL FEET | FORMATION     |
|-------|-----|------------|---------------|
|       |     | 10395      | T. B.         |
|       |     | 10180      | Gravelly sand |
|       |     | 10095      | Ellenburger   |
|       |     | 10000      | Moore         |
|       |     | 9900       | Shinarump     |
|       |     | 9800       | Shinarump     |
|       |     | 9700       | Shinarump     |
|       |     | 9600       | Shinarump     |
|       |     | 9500       | Shinarump     |
|       |     | 9400       | Shinarump     |
|       |     | 9300       | Shinarump     |
|       |     | 9200       | Shinarump     |
|       |     | 9100       | Shinarump     |
|       |     | 9000       | Shinarump     |
|       |     | 8900       | Shinarump     |
|       |     | 8800       | Shinarump     |
|       |     | 8700       | Shinarump     |
|       |     | 8600       | Shinarump     |
|       |     | 8500       | Shinarump     |
|       |     | 8400       | Shinarump     |
|       |     | 8300       | Shinarump     |
|       |     | 8200       | Shinarump     |
|       |     | 8100       | Shinarump     |
|       |     | 8000       | Shinarump     |
|       |     | 7900       | Shinarump     |
|       |     | 7800       | Shinarump     |
|       |     | 7700       | Shinarump     |
|       |     | 7600       | Shinarump     |
|       |     | 7500       | Shinarump     |
|       |     | 7400       | Shinarump     |
|       |     | 7300       | Shinarump     |
|       |     | 7200       | Shinarump     |
|       |     | 7100       | Shinarump     |
|       |     | 7000       | Shinarump     |
|       |     | 6900       | Shinarump     |
|       |     | 6800       | Shinarump     |
|       |     | 6700       | Shinarump     |
|       |     | 6600       | Shinarump     |
|       |     | 6500       | Shinarump     |
|       |     | 6400       | Shinarump     |
|       |     | 6300       | Shinarump     |
|       |     | 6200       | Shinarump     |
|       |     | 6100       | Shinarump     |
|       |     | 6000       | Shinarump     |
|       |     | 5900       | Shinarump     |
|       |     | 5800       | Shinarump     |
|       |     | 5700       | Shinarump     |
|       |     | 5600       | Shinarump     |
|       |     | 5500       | Shinarump     |
|       |     | 5400       | Shinarump     |
|       |     | 5300       | Shinarump     |
|       |     | 5200       | Shinarump     |
|       |     | 5100       | Shinarump     |
|       |     | 5000       | Shinarump     |
|       |     | 4900       | Shinarump     |
|       |     | 4800       | Shinarump     |
|       |     | 4700       | Shinarump     |
|       |     | 4600       | Shinarump     |
|       |     | 4500       | Shinarump     |
|       |     | 4400       | Shinarump     |
|       |     | 4300       | Shinarump     |
|       |     | 4200       | Shinarump     |
|       |     | 4100       | Shinarump     |
|       |     | 4000       | Shinarump     |
|       |     | 3900       | Shinarump     |
|       |     | 3800       | Shinarump     |
|       |     | 3700       | Shinarump     |
|       |     | 3600       | Shinarump     |
|       |     | 3500       | Shinarump     |
|       |     | 3400       | Shinarump     |
|       |     | 3300       | Shinarump     |
|       |     | 3200       | Shinarump     |
|       |     | 3100       | Shinarump     |
|       |     | 3000       | Shinarump     |
|       |     | 2900       | Shinarump     |
|       |     | 2800       | Shinarump     |
|       |     | 2700       | Shinarump     |
|       |     | 2600       | Shinarump     |
|       |     | 2500       | Shinarump     |
|       |     | 2400       | Shinarump     |
|       |     | 2300       | Shinarump     |
|       |     | 2200       | Shinarump     |
|       |     | 2100       | Shinarump     |
|       |     | 2000       | Shinarump     |
|       |     | 1900       | Shinarump     |
|       |     | 1800       | Shinarump     |
|       |     | 1700       | Shinarump     |
|       |     | 1600       | Shinarump     |
|       |     | 1500       | Shinarump     |
|       |     | 1400       | Shinarump     |
|       |     | 1300       | Shinarump     |
|       |     | 1200       | Shinarump     |
|       |     | 1100       | Shinarump     |
|       |     | 1000       | Shinarump     |
|       |     | 900        | Shinarump     |
|       |     | 800        | Shinarump     |
|       |     | 700        | Shinarump     |
|       |     | 600        | Shinarump     |
|       |     | 500        | Shinarump     |
|       |     | 400        | Shinarump     |
|       |     | 300        | Shinarump     |
|       |     | 200        | Shinarump     |
|       |     | 100        | Shinarump     |
|       |     | 0          | Shinarump     |

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, logging, with reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

16-42091-1

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