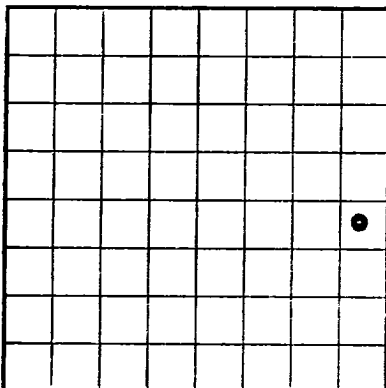
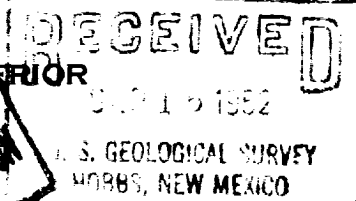




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Las Cruces**  
SERIAL NUMBER **069052**LEASE OR PERMIT TO PROSPECT **X**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company **Elliott & Hall** Address **Roswell, New Mexico**  
Lessor or Tract **Elliott** Field **West Dollarhide** State **New Mexico**  
Well No. **1** Sec. **31** T. **24S** R. **38E** Meridian **N.M.P.M.** County **Lea**  
Location **2310** ft. **EX** of **N** Line and **330** ft. **EX** of **E** Line of **Section 31** Elevation **3144**  
(Derriox floor 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.

Signed **Frank E. Elliott** **C.P.M.**Date **September 11, 1952**Title **Owner**

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

Commenced drilling **August 1, 1952**, 19... Finished drilling **September 2, 1952**

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3525** to **3625** **0** No. 4, from **6458** to **6469** **0**  
No. 2, from **3665** to **3710** **0** No. 5, from ... to ...  
No. 3, from **6387** to **6438** **0** 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— |         |
| 16"         | 65.4            | 8                | Met. O.L. | 145'   | T.P.         |                     |            |     |         |
| 10 3/4"     | 40.8            | 8                | Met. O.L. | 2093'  | Float        |                     |            |     |         |
| 8"          | 29.8            | 8                | Met. O.L. | 6312'  | Float        |                     |            |     |         |
|             |                 |                  |           |        |              |                     |            |     |         |
|             |                 |                  |           |        |              |                     |            |     |         |
|             |                 |                  |           |        |              |                     |            |     |         |
|             |                 |                  |           |        |              |                     |            |     |         |
|             |                 |                  |           |        |              |                     |            |     |         |
|             |                 |                  |           |        |              |                     |            |     |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement    | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|---------------------------|-------------|-------------|--------------------|
| 16"         | 1611'     | 125 - 45 Jol              | Plug        | 9.2         |                    |
| 10 3/4"     | 3009'     | 2000-85; 400-65; 100-Neat | Plug        | 9.4         |                    |
| 7"          | 6325'     | 300-65; 100-Neat          | Plug        | 9.0         |                    |

## 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 **0** feet to **6486** feet, and from ... feet to ... feet  
Cable tools were used from ... feet to ... feet, and from ... feet to ... feet

## DATES

..., 19... Put to producing **September 11, 1952**

The production for the first 24 hours was **288** barrels of fluid of which **100** % was oil; ... % emulsion; ... % water; and ... % sediment. Gravity, °Bé. **36 (not clean sample)**

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

Rock pressure, lbs. per sq. in. **At depth 6460' shut in pressure 2503#**

## EMPLOYEES

**R. E. Griffin** ..., Driller **Don R. Robbins** ..., Driller  
**J. D. Starr** ..., Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                  |
|-------|------|------------|----------------------------|
| 0     | 165  | 165        | Caliche and Red beds       |
| 165   | 225  | 60         | Red beds                   |
| 225   | 824  | 599        | Red beds and Shells        |
| 824   | 1012 | 198        | Red beds and Anhydrite     |
| 1012  | 1130 | 118        | Anhydrite                  |
| 1130  | 1252 | 122        | Red beds and Anhydrite     |
| 1252  | 1646 | 394        | Anhydrite and Salt         |
| 1646  | 1911 | 265        | Anhydrite                  |
| 1911  | 2225 | 313        | Anhydrite and Salt         |
| 2225  | 2405 | 177        | Anhydrite                  |
| 2405  | 2537 | 134        | Salt and Anhydrite         |
| 2537  | 2581 | 44         | Anhydrite and Gypsum       |
| 2581  | 2643 | 62         | Lime and Gypsum            |
| 2643  | 2696 | 53         | Anhydrite                  |
| 2696  | 2716 | 60         | Anhydrite and Lime         |
| 2716  | 2775 | 59         | Anhydrite                  |
| 2775  | 2874 | 99         | Anhydrite and Gypsum       |
| 2874  | 2925 | 51         | Anhydrite and Lime         |
| 2925  | 3579 | 654        | Lime                       |
| 3579  | 3649 | 70         | Broken Sand - Top Gas 3598 |
| 3649  | 6486 | 2837       | Lime                       |
|       |      |            | T.D. 6486                  |

FORMATION RECORD-Continued

| FROM- | TO- | TOTAL FEET | FORMATION                                                                                                                                                                                                                                                    |
|-------|-----|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       |     |            | Reduced hole from 8 1/4 to 6 1/4 at 6340'.                                                                                                                                                                                                                   |
|       |     |            | Drilled with Reverse Circulation from 6340' to T.D. of 6486'.                                                                                                                                                                                                |
|       |     |            | Drill stem 6412-6486'. Tool open 3 hours. Gas surface 17 minutes, estimated 400 cu. ft. per day. Recovered 2800' oil, plus 120' of drilling mud, plus 100' of muddy water. Analyzed on water showed chloride 1000 mg; hydrogen sulphide - none; iron - none. |
|       |     |            | Bottom hole flowing pressure 510'.                                                                                                                                                                                                                           |
|       |     |            | NO MENDED BOTTOM HOLE SHUT-IN PRESSURE 2670'.                                                                                                                                                                                                                |

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the 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, size, 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.

Treated well in open hole 6458-6469' and 6427-6438'.  
Packer failed on interval 6458-6469 after 3 barrels acid were in formation. Treating pressure dropped from 1900# to 1500#.  
Treated interval 6427-6438' with 500 gals. acid.  
Interval 6458-6469' washed an estimated 2 barrels oil per hour Natural.  
Interval 6427-6438' washed dry Natural.  
Combined intervals flowed rate 288 BOPD after Acid.

