

Form 9-330

NUMBER  
NOV 9 1961

HOBBS

U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER LG 071392  
LEASE OR PERMIT TO PROSPECT

STANDLEY

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company John L. Harlan Address Box 355, Monahans, Texas  
Lessor or Tract Federal Field Undesignated State New Mexico  
Well No. 1 Sec. 10 T. 13S R. 31E Meridian NPM County Chaves  
Location 2260 ft. N of N Line and 330 ft. W of E Line of Section 10 Elevation 4432.5  
(Derrick 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 [Signature]  
Date November 4, 1961 Title Petroleum Engineer

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

Commenced drilling May 28, 1961 Finished drilling June 6, 1961

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3014 to 3026 No. 4, from NOV 9 1961  
No. 2, from NOV 9 1961 to NOV 9 1961  
No. 3, from NOV 9 1961 to NOV 9 1961  
No. 5, from NOV 9 1961 to NOV 9 1961  
No. 6, from NOV 9 1961 to NOV 9 1961

## IMPORTANT WATER SANDS

No. 1, from NOV 9 1961 to NOV 9 1961 No. 3, from NOV 9 1961 to NOV 9 1961  
No. 2, from NOV 9 1961 to NOV 9 1961 No. 4, from NOV 9 1961 to NOV 9 1961

## CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of shoe  | Cut and pulled from | Perforated |     | Purpose      |
|-------------|-----------------|------------------|------|--------|---------------|---------------------|------------|-----|--------------|
|             |                 |                  |      |        |               |                     | From—      | To— |              |
| 7"          | 20#             | 8 rd             | Used | 300    | Texas Pattern |                     |            |     | Surface Csg. |
| 4 1/2"      | 9.5#            | 8 rd             | L.S. | 3014   | Larkin        |                     |            |     | Oil String   |
|             |                 |                  |      |        |               |                     |            |     |              |
|             |                 |                  |      |        |               |                     |            |     |              |
|             |                 |                  |      |        |               |                     |            |     |              |
|             |                 |                  |      |        |               |                     |            |     |              |
|             |                 |                  |      |        |               |                     |            |     |              |
|             |                 |                  |      |        |               |                     |            |     |              |
|             |                 |                  |      |        |               |                     |            |     |              |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 7"          | 300       | 100 Sx Reg 2% Cacl     | Pump & Plug |             |                    |
| 4 1/2"      | 3014      | 100 SX Reg             | Pump & Plug |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

## 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 |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            | None           |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from Surface feet to 3037 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

Swab Tested June 7, 1961  
~~Producing~~

The production for the first 24 hours was 3 barrels of fluid of which 100% was oil; 0%  
emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. 33

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

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

## EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM—   | TO—  | TOTAL FEET | FORMATION                          |
|---------|------|------------|------------------------------------|
| 0       | 32   | 32         | Caliche & Rock                     |
| 32      | 760  | 728        | Red Beds & Anhydrite               |
| 760     | 2200 | 1400       | Salt & Anhydrite                   |
| 2200    | 3014 | 814        | Dolomite, Anhydrite & Sandy Shale  |
| CORE #1 |      |            |                                    |
| 3012    | 3037 | 25         | Recovered 25 feet                  |
| 3012    | 3014 | 2          | Anhydrite                          |
| 3014    | 3015 | 1          | Sand Hard Barren                   |
| 3015    | 3021 | 6          | Sand Good Saturation               |
| 3021    | 3027 | 6          | Sand Fair to Poor Saturation       |
| 3027    | 3037 | 10         | Red Shale & Dolomite               |
|         |      |            | Rotary T. D. 3037                  |
|         |      |            | Top Queen at 3014 from core sample |

AT THE END OF COMPLETE DRILL LOG, ADD GEOL. DATA, STATE WHETHER FROM EL OR SAMPLES

