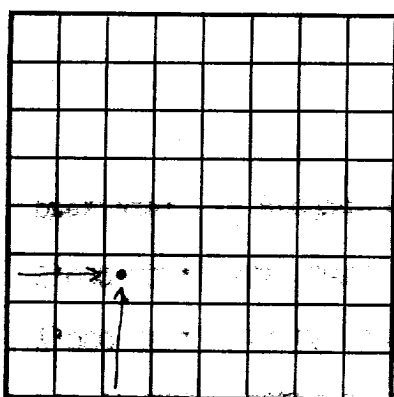


U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 078139  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Johnston & Johnston Address 1153 Esperson Bldg. - Houston, Texas  
Lessor or Tract Federal Field Blanco State New Mexico  
Well No. 2 Sec. 33 T. 31N R. 9W Meridian 100M County San Juan  
Location 1850 ft. {N.} of S. Line and 1150 ft. {E.} of W. Line of Sec. 33 Elevation 6333 Gr.  
(Denotes Elev. 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 James E. Copeland  
Title James E. CopelandDate February 17, 1952

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

Commenced drilling December 1, 1951 Finished drilling January 3, 1952

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3128 to 3200 No. 4, from Pictured Cliffs to 3128  
No. 2, from 4795 to 5615 No. 5, from Hosa Verde to 3128  
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— |         |
| 10 3/4"                    | 32.75           | 8                | 1000 | 11.05  |              |                     |            |     | Surf    |
| 7"                         | 28              | 8                | 1000 | 4.01   |              |                     |            |     | Prod.   |
| HISTORY OF OIL OR GAS WELL |                 |                  |      |        |              |                     |            |     |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 10 3/4"     | 215.05'   | 120 Ideal              | Halliburton |             |                    |
| 7"          | 4321'     | 150 Ideal              | Halliburton |             |                    |

## 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 |
|------|------------|----------------|----------|------|------------|-------------------|
|      | N O T      | S H O T        |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 5625 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

February 7, 1952 Put to producing Waiting on Connection, 19\_\_\_\_  
The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ %  
emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. \_\_\_\_\_  
If gas well, cu. ft. per 24 hours Estimated 5,000 MCF Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. 1675 (1100 psi. - 575 CR)

## EMPLOYEES

C. A. Lisson, Driller C. Lipinski, Driller  
C. F. Bussalt, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                                                                                                                     |
|-------|------|------------|-------------------------------------------------------------------------------------------------------------------------------|
| 222   | 1170 | 950        | Broken sandy shales and sands                                                                                                 |
| 1170  | 1165 | 295        | Sands and sandy shale                                                                                                         |
| 1165  | 2460 | 995        | Sand and shale                                                                                                                |
| 2460  | 3117 | 657        | Shale and coal                                                                                                                |
| 3117  | 3126 | 9          | Coal                                                                                                                          |
| 3126  | 3129 | 3.5        | Black, highly carbonaceous, highly bentonitic shale.                                                                          |
| 3129  | 3137 | 8          | 3128 - Top Pictured Cliffs.<br>Gray fine grained sand. Some visible porosity and fair odor with some bleeding on fresh break. |
| FROM— | TO—  | TOTAL FEET | FORMATION                                                                                                                     |

FORMATION RECORD—Continued

