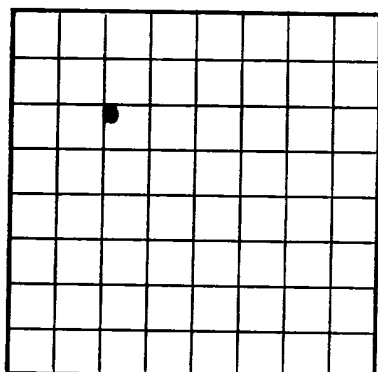
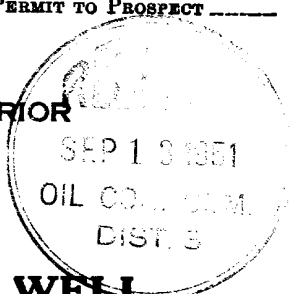


U. S. LAND OFFICE **Santa Fe**  
SERIAL NUMBER **078938**  
LEASE OR PERMIT TO PROSPECT



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



## LOG OF OIL OR GAS WELL

Company Danube Oil Company Address Amarillo, Texas  
 Lessor or Tract Barnes Field West Rutz Canyon State New Mexico  
 Well No. 2 Sec. 2 T. 27N R. 12W Meridian NMPM County San Juan  
 Location 1650 ft. SE of N Line and 1650 ft. E of W Line of Sec. 2 Elevation 5931

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 September 6, 1951 Signed [Signature]  
Title Agent

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

Commenced drilling 7-24, 19 51 Finished drilling 8-30 19 51

**OIL OR GAS SANDS OR ZONES**  
(Denote gas by G)

No. 1, from 1601 to 1693 (G) 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— |         |
| 80          |                 |                  |      | 1691   | Texas Halliburton |                     |            |     |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8-5/8       | 90        | 75                     | Halliburton |             |                    |
| 5-1/2       | 1601      | 100                    | 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 |
|------|------------|----------------|----------|------|------------|-------------------|
| 4"   | 10         | Nitro glycerin | 200      | 8-30 | 1610-1693  | 1693              |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 1601 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 1601 feet to 1693 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

9-11-1951 Put to producing 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 2740 MCF      SHR 15.5  
Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 466

## EMPLOYEES

| EMPLOYEES             |         |                 |         |
|-----------------------|---------|-----------------|---------|
| Camden Drilling Co    | Driller | for rotary      | Driller |
| McConnell Drilling Co | Driller | for cable tools | Driller |

## FORMATION RECORD

| FROM-- | TO-- | TOTAL FEET | FORMATION                |
|--------|------|------------|--------------------------|
| 0      | 90   | 90         | surface                  |
| 90     | 1026 | 936        | sand and shale           |
| 1026   | 1314 | 288        | shale                    |
| 1314   | 1575 | 261        | sand and shale           |
| 1575   | 1596 | 21         | sand, shale and coal     |
| 1596   | 1693 | 97         | sand                     |
|        |      |            | Top Pictured Cliffs 1596 |

LOCATE WELL CORRECTLY

16-43084-1 U. S. GOVERNMENT PRINTING OFFICE