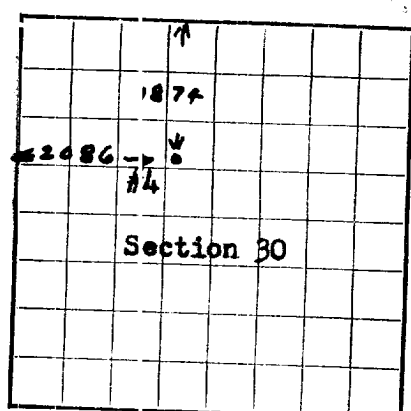


U. S. LAND OFFICE **Hobbs, N. M.**SERIAL NUMBER **NM 03431**

LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

DEC 1 1960



LOCATE WELL CORRECTLY

## LOG OF OIL OR GAS WELL

Company **Skelly Oil Company** Address **Box 38 - Hobbs, New Mexico**  
Lessor or Tract **Las Cruces "B"** Field **Bluitt Penn.** State **New Mexico**  
Well No. **4** Sec. **30** T. **8-S** R. **37E** Meridian **N.M.P.M.** County **Roosevelt**  
Location **1874** ft. **N** of **N** Line and **2086** ft. **E** of **W** Line of **Sec. 30** Elevation **4051'** DF  
(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

Date **December 8, 1960**

Title

Dist. Supt.

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

Commenced drilling **November 3,** 19 **60** Finished drilling **December 2,** 19 **60**

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **9584'** to **9604'** 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—   |              |
| 13-3/8"     | 44.5#           | 8-R              | S&W  | 390'   | Float        | Surface             |            |       | Surface      |
| 8-5/8"      | 32#             | 8-R              | S&W  | 155'   | 11 1/2" plug | 600'                |            |       | Intermediate |
| 5-1/2"      | 19#             | 8-R              | S&W  | 155'   | 11 1/2" plug | 9584'               | 9584'      | 9604' | Oil string   |
|             |                 |                  |      |        |              |                     |            |       | (intervals)  |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used   | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|---------------|-------------|--------------------|
| 13-3/8"     | 315'      | 385                    | B. J. Service | -           | -                  |
| 8-5/8"      | 4138'     | 1400                   | Halliburton   | -           | -                  |
| 5-1/2"      | 9634'     | 600                    | 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 |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to **9654** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

Put to producing **December 5,** 19 **60**  
The production for the first **24** hours was **848** barrels of fluid of which **99.9%** was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and **1%** sediment. Gravity, °Bé. **50.0°**

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

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

## EMPLOYEES

**Gilham** \_\_\_\_\_, Driller **Gillian** \_\_\_\_\_, Driller  
**Murphy** \_\_\_\_\_, Driller **Helms** \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET  | FORMATION        |
|-------|------|-------------|------------------|
| 0     | 2251 | 2251        | Sand & red beds  |
| 2251  | 2326 | 75          | Anhydrite        |
| 2326  | 2751 | 425         | Salt             |
| 2751  | 2831 | 80          | Anhydrite        |
| 2831  | 3314 | 483         | Sand & anhydrite |
| 3314  | 4058 | 744         | Sand & anhydrite |
| 4058  | 5507 | 1449        | Dolomite & sand  |
| 5507  | 6176 | 669         | Sand & dolomite  |
| 6176  | 6904 | 728         | Dolomite         |
| 6904  | 7701 | 797         | Sand             |
| 7701  | 8811 | 1110        | Lime & shale     |
| 8811  | 9654 | 843         | Lime             |
|       | 9654 | Total Depth |                  |

## GEOLOGICAL TOPS BY PAN GEO ATLAS CORPORATION GAMMA RAY-NEUTRON &amp; LATEROLOG

|                |       |               |       |
|----------------|-------|---------------|-------|
| Top Anhydrite  | 2251' | Top Tubb      | 6904' |
| Top Salt       | 2326' | Top Abo       | 7701' |
| Base Salt      | 2751' | Top Wolfcamp  | 8811' |
| Top Yates      | 2831' | Top Bough "B" | 9519' |
| Top Queen      | 3314' | Top Bough "C" | 9582' |
| Top San Andres | 4058' | Top Bough "D" | 9622' |
| Top Glorieta   | 5507' |               |       |
| Top Clearfork  | 6176' |               |       |

| FROM | TO | TOTAL FEET | FORMATION |
|------|----|------------|-----------|
|------|----|------------|-----------|

-OL

TOTAL FLEET

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TEST NO. 1 - (Acid) - 9584-9002

After recovering all lead oil, well #2 was sealed with cement. The well was then abandoned.

32/64" 28/64" chokes, I.P. 690#.

DATE: 09/19/01

10 20 30 40 50 60