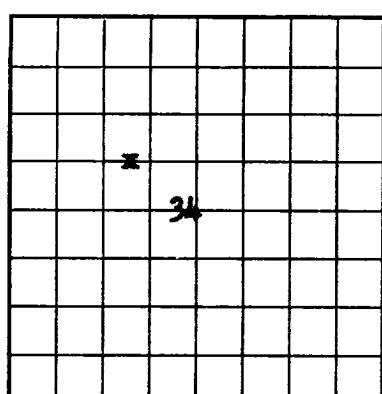


U. S. LAND OFFICE L. C.  
SERIAL NUMBER 058179  
LEASE OR PERMIT TO PROSPECT Leonard



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL.

**LOCATE WELL CORRECTLY**

Company Sanders Brothers Address Box 398, Artesia, N. M.  
Lessor or Tract Leonard Field Square Lake State New Mexico  
Well No. 5 Sec 34 T. 16S R. 30E Meridian NMPM County Eddy  
Location 1980 ft. (N) of N Line and 1980 ft. (E) of W Line of sec. 34 Elevation 3742  
(S) (W) (Derives 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 August 30, 1945 Title Bookkeeper

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

Commenced drilling August 7, 1945 Finished drilling August 20, 1945

## OIL OR GAS SANDS OR ZONES

(Denote gas by (G))

No. 1, from \_\_\_\_\_ to \_\_\_\_\_      No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_      No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from 3055 to 3074      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

[illegible]

## MUDDING AND CEMENTING RECORD

[illegible]

## 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"   |            | N.G.           | 120qts   | 8/17 | 3040-2086  | 3086              |

## TOOLS & USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from 3073 feet to 3086 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## 30 DATES

Put to producing September 1, 1945

The production for the first 24 hours was 94 barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. \_\_\_\_\_

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

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

## EMPLOYEES

| EMPLOYEES     |         |
|---------------|---------|
| E. H. Britton | Driller |
| C. L. Blount  | Driller |

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                 |
|-------|------|------------|---------------------------|
| 2973  | 3023 | 50         | Lime                      |
| 3023  | 3055 | 32         | Grey Lime                 |
| 3055  | 3074 | 19         | Lime & Sand ( Oil & Gas ) |
| 3074  | 3086 | 12         | Lime                      |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

A 10x10 grid with handwritten 'K' at (row 4, col 6) and 'G1' at (row 5, col 5).

LOCATE WELL CORRECTLY

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

Date: August 30, 1966

Well No. 1001-207

Countered drilling

10-11-67

Drilled and drilled

CC Camp 6

2-1-67

OIL OR GAS SANDS OR ZONES

(1) *Scale and by (2)*

|            |    |            |    |
|------------|----|------------|----|
| No. 1 from | to | No. 1 from | to |
| No. 2 from | to | No. 2 from | to |
| No. 3 from | to | No. 3 from | to |

IMPORTANT WATER SANDS

|            |    |            |    |
|------------|----|------------|----|
| No. 1 from | to | No. 3 from | to |
| No. 2 from | to | No. 4 from | to |

CASINO RECORD

| Case No. | Sex    | Age | Height | Weight | Build   | Complexion | Hair  | Eyes  | Mouth | Teeth | Throat | Neck   | Trunk  | Limbs  | Other |
|----------|--------|-----|--------|--------|---------|------------|-------|-------|-------|-------|--------|--------|--------|--------|-------|
| 1000     | Male   | 25  | 5' 10" | 175    | Medium  | Fair       | Black | Blue  | Small | Good  | Clear  | Normal | Normal | Normal | None  |
| 1001     | Female | 22  | 5' 5"  | 125    | Slender | Fair       | Black | Blue  | Small | Good  | Clear  | Normal | Normal | Normal | None  |
| 1002     | Male   | 30  | 6' 0"  | 200    | Heavy   | Dark       | Black | Brown | Large | Fair  | Clear  | Normal | Normal | Normal | None  |
| 1003     | Female | 28  | 5' 8"  | 150    | Medium  | Fair       | Black | Blue  | Small | Good  | Clear  | Normal | Normal | Normal | None  |
| 1004     | Male   | 35  | 6' 2"  | 220    | Heavy   | Dark       | Black | Brown | Large | Fair  | Clear  | Normal | Normal | Normal | None  |
| 1005     | Female | 32  | 5' 12" | 180    | Medium  | Fair       | Black | Blue  | Small | Good  | Clear  | Normal | Normal | Normal | None  |
| 1006     | Male   | 40  | 6' 5"  | 250    | Heavy   | Dark       | Black | Brown | Large | Fair  | Clear  | Normal | Normal | Normal | None  |
| 1007     | Female | 38  | 5' 10" | 160    | Medium  | Fair       | Black | Blue  | Small | Good  | Clear  | Normal | Normal | Normal | None  |
| 1008     | Male   | 45  | 6' 8"  | 280    | Heavy   | Dark       | Black | Brown | Large | Fair  | Clear  | Normal | Normal | Normal | None  |
| 1009     | Female | 42  | 5' 12" | 190    | Medium  | Fair       | Black | Blue  | Small | Good  | Clear  | Normal | Normal | Normal | None  |
| 1010     | Male   | 50  | 7' 0"  | 300    | Heavy   | Dark       | Black | Brown | Large | Fair  | Clear  | Normal | Normal | Normal | None  |

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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.

## HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

| FROM | TO   | TOTAL FEET | FORMATION               |
|------|------|------------|-------------------------|
| 3075 | 3080 | 5          | Time                    |
| 3075 | 3080 | 5          | Time & sand (Oil & gas) |
| 3075 | 3080 | 5          | Grey shale              |
| 3075 | 3080 | 5          | Time                    |

| FORMATION RECORD |               |  |  |
|------------------|---------------|--|--|
| Driller          | Driller       |  |  |
| F. L. Britton    | F. L. Britton |  |  |

| EMPLOYEES                                          |         |                |                |
|----------------------------------------------------|---------|----------------|----------------|
| Rock pressure, lbs. per sq. in.                    |         |                |                |
| Gas well, oil, gas, per 24 hours                   |         |                |                |
| Amount of water, oil, gas, per 24 hours            |         |                |                |
| Production for the first 24 hours was              |         |                |                |
| Barrels of fluid of which _____ was oil, _____ gas |         |                |                |
| Put to production _____ days _____ hours           |         |                |                |
| DATE                                               | feet to | feet, and from | feet, and from |

| TOOLS USED |  |  |  |
|------------|--|--|--|
|            |  |  |  |
|            |  |  |  |
|            |  |  |  |

| SHOOTING RECORD |             |          |      |
|-----------------|-------------|----------|------|
| Size            | Weight used | Quantity | Date |
|                 |             |          |      |
|                 |             |          |      |

| PLUGS AND ADAPTERS |                       |  |  |
|--------------------|-----------------------|--|--|
| Adapter—Material   | Heaving plug—Material |  |  |
|                    |                       |  |  |

| MUDGING AND CEMENTING RECORD |            |                        |             |
|------------------------------|------------|------------------------|-------------|
| Size casing                  | Weight set | Number sacks of cement | Method used |
|                              |            |                        |             |
|                              |            |                        |             |

**FORMATION RECORD—Continued**

MSAM : QJ03