

RECEIVED

U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **029393-3**LEASE OR PERMIT TO PROSPECT **Lease**

JUN 30 1941

U. S. GEOLOGICAL SURVEY UNITED STATES GEOLOGICAL SURVEY  
Denver, Colorado DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY JUN 23 1941

Roswell, New Mexico

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Wilmar Oil Company** Address **Artesia, New Mexico**Lessor or Tract **Ginsberg B lease** Field **Loco Hills** State **New Mexico**Well No. **1-B** Sec. **17** T. **18S** R. **31E** Meridian **N. M. P. M.** County **Eddy**Location **1980** ft. of **N** Line and **1980** ft. of **W** Line of **Sec. 17** Elevation **3654** (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

Title **Secretary**Date **June 23, 1941**

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

Commenced drilling **Sept. 29**, 1940 Finished drilling **Nov. 11**, 1940

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3130** to **3170** 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— |         |
| 8-5/8                      | 22              | 10               | JAL  | 717    | Texas        |                     |            |     |         |
| 7                          | 20              | 10               | JAL  | 3020   | "            |                     |            |     |         |
| 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 |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8-5/8       | 717       | 50                     | Halliburton |             |                    |
| 7           | 3020      | 100                    | "           |             |                    |

## 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 |
|--------|------------|----------------|----------|----------|--------------|-------------------|
| 3 1/2" |            | Nitro glycerin | 230 qt   | 11-11-40 | 3148 to 3176 | 3176              |

## TOOLS USED

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

Cable tools were used from **0** feet to **3176** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

**June 23**, 19**41** Put to producing **Dec. 16**, 19**40**The production for the first 24 hours was **47** barrels of fluid of which **100** % 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

**W. E. Fleming**, Driller **H. G. Finley**, Driller**Dan Watson**, Driller **A. M. Paton**, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                   |
|-------|------|------------|-----------------------------|
| 0     | 175  | 175        | Red beds                    |
| 175   | 435  | 260        | Red rock                    |
| 435   | 717  | 282        | Anhydrite Ran 8-5/8" casing |
| 717   | 1550 | 833        | Salt                        |
| 1550  | 1575 | 25         | Anhydrite                   |
| 1575  | 1780 | 205        | Salt & Anhydrite            |
| 1780  | 2410 | 630        | Anhydrite                   |
| 2410  | 2420 | 10         | Gray sandy lime             |
| 2420  | 2480 | 60         | Lime                        |
| 2480  | 3020 | 540        | Anhydrite                   |
| 3020  | 3085 | 65         | Gray lime and anhydrite     |
| 3085  | 3130 | 45         | Gray lime                   |
| 3130  | 3170 | 40         | Red sand — ?                |
| 3170  | 3176 | 6          | Gray lime TD                |

3654  
1780  
18743654  
3130  
4524

(OVER)

FORMATION RECORD—Continued

RECEIVED

U.S. LAND OFFICE  
SERIAL NUMBER  
DATE OF PERMIT TO PROCEED

U.S. GEOLOGICAL SURVEY  
DEPARTMENT OF THE INTERIOR  
UNITED STATES

O.O.G. LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

MAR 9 1917

Company Name  
Location  
The information given herewith is a complete and correct record of the well and all work done thereon  
as far as can be determined from all available records

Date  
The summary on this page is for the condition of the well at above date  
Government drilling finished in May, 1917

OIL OR GAS SANDS OR ZONES

No. 1 from  
No. 2 from  
No. 3 from

IMPORTANT WATER SANDS

No. 1 from  
No. 2 from

CASING RECORD

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

Running and Cementing Record  
Cement used  
Mud used  
Amount of mud used

PLUGS AND ADAPTERS

Plugs  
Adapters

SHOOTING RECORD

Shooting  
Depth of hole  
Amount of powder used

TOOL JOBS

Tool jobs  
Description of work  
Results

FORMATION RECORD

| FORMATION     | TOTAL FEET | TO    | FROM  |
|---------------|------------|-------|-------|
| Gravelly sand | 10         | 0     | 10    |
| Sand          | 20         | 10    | 30    |
| Shale         | 30         | 30    | 60    |
| Clay          | 40         | 60    | 100   |
| Oil sand      | 50         | 100   | 150   |
| Gas sand      | 60         | 150   | 210   |
| Water sand    | 70         | 210   | 280   |
| Gravelly sand | 80         | 280   | 360   |
| Sand          | 90         | 360   | 450   |
| Shale         | 100        | 450   | 550   |
| Clay          | 110        | 550   | 660   |
| Oil sand      | 120        | 660   | 780   |
| Gas sand      | 130        | 780   | 910   |
| Water sand    | 140        | 910   | 1050  |
| Gravelly sand | 150        | 1050  | 1200  |
| Sand          | 160        | 1200  | 1360  |
| Shale         | 170        | 1360  | 1530  |
| Clay          | 180        | 1530  | 1710  |
| Oil sand      | 190        | 1710  | 1900  |
| Gas sand      | 200        | 1900  | 2100  |
| Water sand    | 210        | 2100  | 2310  |
| Gravelly sand | 220        | 2310  | 2530  |
| Sand          | 230        | 2530  | 2760  |
| Shale         | 240        | 2760  | 3000  |
| Clay          | 250        | 3000  | 3250  |
| Oil sand      | 260        | 3250  | 3510  |
| Gas sand      | 270        | 3510  | 3780  |
| Water sand    | 280        | 3780  | 4060  |
| Gravelly sand | 290        | 4060  | 4350  |
| Sand          | 300        | 4350  | 4650  |
| Shale         | 310        | 4650  | 4960  |
| Clay          | 320        | 4960  | 5280  |
| Oil sand      | 330        | 5280  | 5610  |
| Gas sand      | 340        | 5610  | 5950  |
| Water sand    | 350        | 5950  | 6300  |
| Gravelly sand | 360        | 6300  | 6660  |
| Sand          | 370        | 6660  | 7030  |
| Shale         | 380        | 7030  | 7410  |
| Clay          | 390        | 7410  | 7800  |
| Oil sand      | 400        | 7800  | 8200  |
| Gas sand      | 410        | 8200  | 8610  |
| Water sand    | 420        | 8610  | 9030  |
| Gravelly sand | 430        | 9030  | 9460  |
| Sand          | 440        | 9460  | 9900  |
| Shale         | 450        | 9900  | 10350 |
| Clay          | 460        | 10350 | 10800 |
| Oil sand      | 470        | 10800 | 11260 |
| Gas sand      | 480        | 11260 | 11730 |
| Water sand    | 490        | 11730 | 12210 |
| Gravelly sand | 500        | 12210 | 12700 |
| Sand          | 510        | 12700 | 13200 |
| Shale         | 520        | 13200 | 13710 |
| Clay          | 530        | 13710 | 14230 |
| Oil sand      | 540        | 14230 | 14760 |
| Gas sand      | 550        | 14760 | 15300 |
| Water sand    | 560        | 15300 | 15840 |
| Gravelly sand | 570        | 15840 | 16390 |
| Sand          | 580        | 16390 | 16950 |
| Shale         | 590        | 16950 | 17520 |
| Clay          | 600        | 17520 | 18100 |
| Oil sand      | 610        | 18100 | 18690 |
| Gas sand      | 620        | 18690 | 19290 |
| Water sand    | 630        | 19290 | 19900 |
| Gravelly sand | 640        | 19900 | 20510 |
| Sand          | 650        | 20510 | 21130 |
| Shale         | 660        | 21130 | 21760 |
| Clay          | 670        | 21760 | 22400 |
| Oil sand      | 680        | 22400 | 23050 |
| Gas sand      | 690        | 23050 | 23710 |
| Water sand    | 700        | 23710 | 24380 |
| Gravelly sand | 710        | 24380 | 25060 |
| Sand          | 720        | 25060 | 25750 |
| Shale         | 730        | 25750 | 26450 |
| Clay          | 740        | 26450 | 27160 |
| Oil sand      | 750        | 27160 | 27880 |
| Gas sand      | 760        | 27880 | 28610 |
| Water sand    | 770        | 28610 | 29350 |
| Gravelly sand | 780        | 29350 | 30100 |
| Sand          | 790        | 30100 | 30860 |
| Shale         | 800        | 30860 | 31630 |
| Clay          | 810        | 31630 | 32410 |
| Oil sand      | 820        | 32410 | 33200 |
| Gas sand      | 830        | 33200 | 34000 |
| Water sand    | 840        | 34000 | 34810 |
| Gravelly sand | 850        | 34810 | 35630 |
| Sand          | 860        | 35630 | 36460 |
| Shale         | 870        | 36460 | 37300 |
| Clay          | 880        | 37300 | 38150 |
| Oil sand      | 890        | 38150 | 39010 |
| Gas sand      | 900        | 39010 | 39880 |
| Water sand    | 910        | 39880 | 40760 |
| Gravelly sand | 920        | 40760 | 41650 |
| Sand          | 930        | 41650 | 42550 |
| Shale         | 940        | 42550 | 43460 |
| Clay          | 950        | 43460 | 44380 |
| Oil sand      | 960        | 44380 | 45310 |
| Gas sand      | 970        | 45310 | 46250 |
| Water sand    | 980        | 46250 | 47200 |
| Gravelly sand | 990        | 47200 | 48160 |
| Sand          | 1000       | 48160 | 49130 |