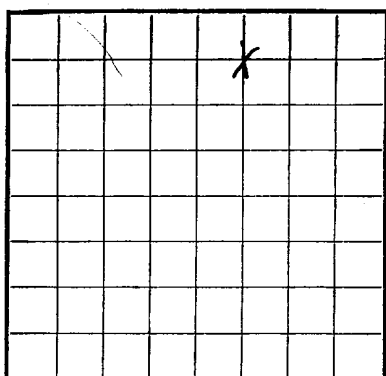


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER LC 064222  
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Neil E. Salsich Address 304 Central Bldg. - Midland, Texas  
Lessor or Tract Featherstone Federal Field Square Lake State New Mexico  
Well No. 3 Sec. 1 T. 17S R. 29E Meridian NMPM County Eddy  
Location 660 ft. (N.) of N. Line and 1980 ft. (E.) of E. Line of Sec. 1 Elevation 3693  
(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 John Sant AlleanDate April 29 Title Geologist

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

Commenced drilling April 9, 1958, 1958 Finished drilling April 21,, 1958

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2537 to 2559 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 2656 to 2662 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 2692 to 2710 No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 1997 to 2024 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—         |                   |
| <u>8-5/8</u> | <u>28</u>       |                  |      | <u>306</u>  | <u>Baker</u> |                     | <u>2537</u> | <u>2559</u> | <u>Surface</u>    |
| <u>4-1/2</u> | <u>2725</u>     |                  |      | <u>2725</u> | <u>Baker</u> |                     | <u>2559</u> | <u>2662</u> | <u>Production</u> |
|              |                 |                  |      |             |              |                     | <u>2692</u> | <u>2710</u> |                   |

## MUDDING AND CEMENTING RECORD

| Size casing  | Where set   | Number sacks of cement | Method used       | Mud gravity | Amount of mud used |
|--------------|-------------|------------------------|-------------------|-------------|--------------------|
| <u>8-5/8</u> | <u>306</u>  | <u>100</u>             | <u>Circulated</u> | <u>37</u>   |                    |
| <u>4-1/2</u> | <u>2725</u> | <u>125</u>             | <u>Pumped</u>     | <u>48</u>   |                    |

## 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 \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 1958 Put to producing April 29, 1958  
The production for the first 24 hours was 47 barrels of fluid of which 100 % was oil; \_\_\_\_\_ %  
emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 35  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION         |
|-------|------|------------|-------------------|
| 0     | 289  | 289        | Red Beds and sand |
| 289   | 550  | 261        | Anhy and red beds |
| 550   | 987  | 437        | Salt and Anhy     |
| 987   | 1150 | 163        | Lime and Anhy     |
| 1150  | 1203 | 53         | Sand and Lime     |
| 1203  | 1997 | 794        | Lime and Anhy     |
| 1997  | 2024 | 27         | Sand              |
| 2024  | 2692 | 668        | Lime and Sand     |
| 2692  | 2712 | 20         | Sand              |
| 2712  | 2725 | 13         | Lime              |

FORMATION RECORD—Continued

U. S. LAND OFFICE  
JOURNAL NUMBER  
FILE NO. OR BUREAU PROPOSED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

STATEMENT OF WORK

[illegible]

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.

Signed \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Elevation \_\_\_\_\_ of \_\_\_\_\_ Kind of \_\_\_\_\_  
Location \_\_\_\_\_ of \_\_\_\_\_ at \_\_\_\_\_ ft. \_\_\_\_\_ of \_\_\_\_\_ line and \_\_\_\_\_ ft. \_\_\_\_\_ of \_\_\_\_\_  
Well No. \_\_\_\_\_ Sec. \_\_\_\_\_ T. \_\_\_\_\_ S. \_\_\_\_\_ E. \_\_\_\_\_ Meridian \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_ State \_\_\_\_\_ Field \_\_\_\_\_

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

Title \_\_\_\_\_

OIL OR GAS SANDS OR ZONES

(T)  $\log \pi = -0.69$

|       |          |            |       |          |            |
|-------|----------|------------|-------|----------|------------|
| ..... | 01 ..... | mont. 1.6% | ..... | 01 ..... | mont. 1.6% |
| ..... | 01 ..... | mont. 5.6% | ..... | 01 ..... | mont. 5.6% |
| ..... | 01 ..... | mont. 9.6% | ..... | 01 ..... | mont. 9.6% |

## IMPORTANT WATER SAVING

|          |    |       |                       |       |          |    |       |                       |
|----------|----|-------|-----------------------|-------|----------|----|-------|-----------------------|
| Supplies | 91 | ..... | mer <sup>1</sup> 8.6% | ..... | Supplies | 91 | ..... | mer <sup>1</sup> 1.6% |
| .....    | 91 | ..... | mer <sup>1</sup> 4.6% | ..... | .....    | 91 | ..... | mer <sup>1</sup> 1.6% |

## MAINTENANCE RECORD

| Country | Year | Population (millions) | Urban population (millions) | Urban population (%) | Population growth (1990-2000) | Urban population growth (1990-2000) | Urban population growth (%) |
|---------|------|-----------------------|-----------------------------|----------------------|-------------------------------|-------------------------------------|-----------------------------|
| Algeria | 2000 | 2.8                   | 1.8                         | 64.3                 | 0.8                           | 0.5                                 | 62.5                        |
| Algeria | 1990 | 2.5                   | 1.5                         | 60.0                 | 0.7                           | 0.4                                 | 57.1                        |
| Algeria | 1980 | 2.2                   | 1.2                         | 54.5                 | 0.5                           | 0.3                                 | 60.0                        |
| Algeria | 1970 | 1.9                   | 1.0                         | 52.6                 | 0.4                           | 0.2                                 | 50.0                        |
| Algeria | 1960 | 1.7                   | 0.8                         | 47.1                 | 0.3                           | 0.1                                 | 33.3                        |
| Algeria | 1950 | 1.5                   | 0.6                         | 40.0                 | 0.2                           | 0.0                                 | 0.0                         |
| Algeria | 1940 | 1.4                   | 0.5                         | 35.7                 | 0.1                           | 0.0                                 | 0.0                         |
| Algeria | 1930 | 1.3                   | 0.4                         | 30.8                 | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1920 | 1.2                   | 0.3                         | 25.0                 | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1910 | 1.1                   | 0.2                         | 18.2                 | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1900 | 1.0                   | 0.1                         | 10.0                 | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1890 | 0.9                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1880 | 0.8                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1870 | 0.7                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1860 | 0.6                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1850 | 0.5                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1840 | 0.4                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1830 | 0.3                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1820 | 0.2                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1810 | 0.1                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1800 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1790 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1780 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1770 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1760 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1750 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1740 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1730 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1720 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1710 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1700 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1690 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1680 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1670 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1660 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1650 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1640 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1630 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1620 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1610 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1600 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1590 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1580 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1570 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1560 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1550 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1540 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1530 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1520 | 0.0                   | 0.0                         | 0.0                  | 0.0                           | 0.0                                 | 0.0                         |
| Algeria | 1510 | 0.0                   | 0.0                         | 0.0</                |                               |                                     |                             |

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 "struck", or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and amount of shots. If pligs or bridges were put in to test for water, state kind of material used, position, and results of pumping or drilling.

## HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-53084-2

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