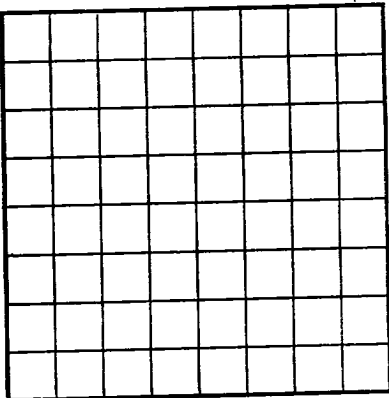
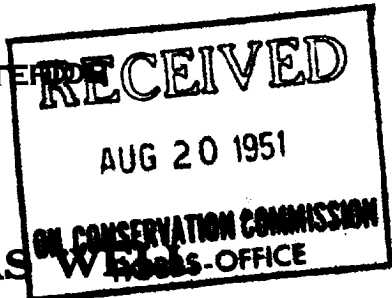


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 029509-A  
LEASE OR PERMIT TO PROSPECT Lease



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company Maljamar Oil & Gas Corp. Address Artesia, New Mexico  
Lessor or Tract M. E. Baish A Field Baish State New Mexico  
Well No. A-12 Sec. 21 T. 17S R. 32E Meridian N M P M County Lea  
Location 660 ft. {N} of S Line and 660 ft. {E} of W Line of Sec. 21 Elevation (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.

Date August 6, 1940 Signed \_\_\_\_\_ Title Vice President

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

Commenced drilling May 12, 1940 Finished drilling July 18, 1940

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

No. 1, from 2280 to 2288 No. 4, from 3585 to 3590  
No. 2, from 2463 to 2478 No. 5, from 3680 to 3688  
No. 3, from 3073 to 3080 No. 6, from 4996 to 4018

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"          |                 |                  |      | 889    | Texas        |                     |            |     |         |
| 7"          |                 |                  |      | 3566   | Texas        |                     |            |     |         |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8"          | 889       | 50 sacks               | Halliburton |             |                    |
| 7"          | 3566      | 150 sacks              | 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 |
|------|------------|---------------------------|----------|------|------------|-------------------|
|      |            | Did not shoot or add size |          |      |            |                   |

TOOLS USED

Rotary tools were used from 0 feet to 4018 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

Put to producing July 20, 1940  
The production for the first 24 hours was 200 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

J. W. Nellis, Driller O. O. Stewart, Driller  
O. Gormley, Driller B. G. Ledgerwood, Driller

FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION          |
|-------|------|------------|--------------------|
| 0     | 50   | 50         | Red bed and gyp    |
| 50    | 85   | 35         | Gyp                |
| 85    | 105  | 20         | Red mud            |
| 105   | 130  | 25         | Red beds           |
| 130   | 165  | 35         | Red and gray shale |
| 165   | 210  | 45         | Red rock           |
| 210   | 270  | 60         | Red mud            |
| 270   | 320  | 50         | Red rock and gyp   |
| 320   | 370  | 50         | Red mud            |
| 370   | 460  | 90         | Red shale          |
| 460   | 480  | 20         | Blue shale         |
| 480   | 500  | 20         | Gray sand, sharp   |
| 500   | 530  | 30         | Gray sand          |
| 530   | 630  | 100        | Sandy shale        |
| 630   | 665  | 35         | Sand and red bed   |
| 665   | 720  | 55         | Sand and red rock  |
| 720   | 747  | 27         | Red shale          |
| 747   | 889  | 142        | Anhydrite          |
| 889   | 890  | 1          | Anhydrite          |
| 890   | 923  | 33         | Red rock           |
| 923   | 1025 | 102        | Salt               |
| 1025  | 1035 | 10         | Anhydrite          |
| 1035  | 1370 | 335        | Salt               |
| 1370  | 1380 | 10         | Gyp                |
| 1380  | 1390 | 10         | Salt               |
| 1390  | 1460 | 70         | Salt & Polyhalite  |

FORMATION RECORD—CONTINUED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF GEOLOGICAL SURVEY

[illegible]

HISTORY OF OIL OR GAS WELL

FORMATION RECORD—Continued