

U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 029405-B  
LEASE OR PERMIT TO PROSPECT LeaseUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED

AUG 20 1951

OIL CONSERVATION COMMISSION  
HOBBS OFFICE

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Maljamar Oil & Gas Corp. Address Artesia, New Mexico  
Lessor or Tract Wm. Mitchell B Field Maljamar State New Mexico  
Well No. 12-B Sec. 19 T. 17S R. 32E Meridian N M P M County Lea  
Location 660 ft. (N.) of S Line and 1980 ft. (E.) of E Line of Sec. 19 Elevation 3922  
(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 /s/ R. A. ShugartDate October 23, 1943Title Treas.

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

Commenced drilling deeper August 2, 1943 Finished drilling August 31, 19 43

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3655 to 3680 Show No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 3825 to 3837 Show No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 3932 to 3951 Pay No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from None 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— |         |
| No change in casing from original log |                 |                  |      |        |              |                     |            |     |         |
| 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 |
|-----------------------------|-----------|------------------------|-------------|-------------|--------------------|
| No change from original log |           |                        |             |             |                    |

## 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 0 feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 3630 feet to 3955 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

October 23, 1943 Put to producing September 1, 1943

The production for the first 24 hours was 100 barrels of fluid of which 100 % was oil; \_\_\_\_\_ %  
emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 38

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

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

## EMPLOYEES

Harlan Johnson, Driller C. E. Roach, Driller  
k. M. Berentz, Driller Frank Marshall, Driller

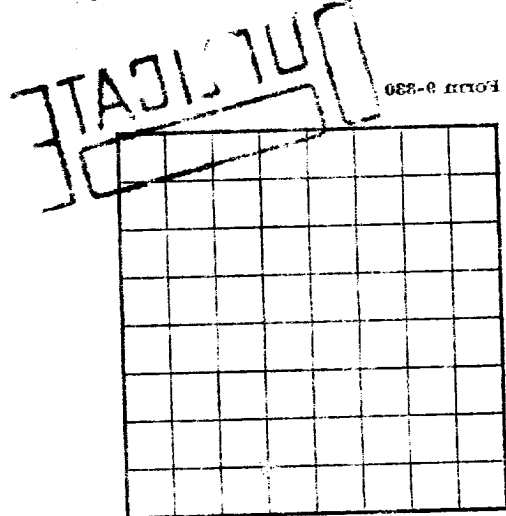
## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION  |
|-------|------|------------|------------|
| 3630  | 3645 | 15         | Sandy lime |
| 3645  | 3655 | 10         | Lime       |
| 3655  | 3680 | 25         | Sandy lime |
| 3680  | 3700 | 20         | Lime       |
| 3700  | 3710 | 10         | Sandy lime |
| 3710  | 3810 | 100        | Lime       |
| 3810  | 3837 | 27         | Sandy lime |
| 3837  | 3955 | 118        | Lime       |

Main pay 3932 to 3951

On October 29, 1941, this well was drilled to a depth of 3630 feet and on November 12, 1941, a log was filed. On August 6, 1943, application was made to deepen this well which had been used for a key well from the starting of our repressuring in April 1942. The well was cleaned out and deepened to a depth of 3951 feet as shown by the above log. From 3932 to 3951 feet we encountered a pay capable of making 100 barrels of oil per day. Immediately upon completion of this deepening, the well was placed back as a key well and was not produced.

(OVER)



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AUG 20 1941

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GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company \_\_\_\_\_  
Lessor or Trust \_\_\_\_\_  
Well No. \_\_\_\_\_  
Location \_\_\_\_\_  
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 \_\_\_\_\_  
Title \_\_\_\_\_  
The summary on this page is for the condition of the well at above date.

OIL OR GAS SANDS OR ZONES

|                            |      |      |      |                            |
|----------------------------|------|------|------|----------------------------|
| No. 1, from _____ to _____ | 3655 | 3680 | show | No. 4, from _____ to _____ |
| No. 2, from _____ to _____ | 3825 | 3837 | show | No. 5, from _____ to _____ |
| No. 3, from _____ to _____ | 3935 | 3951 | pay  | No. 6, from _____ to _____ |

IMPORTANT WATER SANDS

|                            |       |                            |
|----------------------------|-------|----------------------------|
| No. 1, from _____ to _____ | None  | No. 3, from _____ to _____ |
| No. 2, from _____ to _____ | _____ | No. 4, from _____ to _____ |

CASING RECORD

| Casing | Size | Weight | Threads | Mark | Amount | Kind of shoe | Cut and pulled from | Tested | Purpose |
|--------|------|--------|---------|------|--------|--------------|---------------------|--------|---------|
|        |      |        |         |      |        |              |                     |        |         |

HISTORY OF OIL OR GAS WELL

|  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|

MUDDING AND CEMENTING RECORD

| Casing | Size | Weight | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|--------|------|--------|------------------------|-------------|-------------|--------------------|
|        |      |        |                        |             |             |                    |

PLUGS AND ADAPTERS

| Adapter | Material | Length | Depth set |
|---------|----------|--------|-----------|
|         |          |        |           |

SHOOTING RECORD

| Size | Shot used | Weight used | Depth set | Time | Remarks |
|------|-----------|-------------|-----------|------|---------|
|      |           |             |           |      |         |

TOOLS USED

| Rotary tools | Used from _____ to _____ | Feet to _____ |
|--------------|--------------------------|---------------|
| Cable tools  | Used from _____ to _____ | Feet to _____ |

DATES

|                                                 |                                                   |
|-------------------------------------------------|---------------------------------------------------|
| Put to producing _____                          | September 1, 1943                                 |
| The production for the first 24 hours was _____ | 100 barrels of fluid of which 100% was oil; _____ |
| It gas well, cu. ft. per 24 hours _____         | _____                                             |
| Rock pressure, lbs. per sq. in. _____           | _____                                             |

EMPLOYEES

|               |                |
|---------------|----------------|
| Driller _____ | Harlan Johnson |
| Driller _____ | R. M. Berents  |

FORMATION RECORD

| FORMATION  | TOTAL FEET | TO   | FROM |
|------------|------------|------|------|
| Sandy lime | 15         | 3645 | 3630 |
| Lime       | 10         | 3655 | 3645 |
| Sandy lime | 25         | 3680 | 3655 |
| Lime       | 20         | 3700 | 3680 |
| Sandy lime | 10         | 3710 | 3700 |
| Lime       | 100        | 3810 | 3710 |
| Sandy lime | 27         | 3837 | 3810 |
| Lime       | 118        | 3955 | 3837 |

On October 29, 1941, this well was drilled to a depth of 3630 feet and on November 13, 1941, a log was filed. On August 6, 1943, application was made to deepen this well which had been used for a key well from the starting of our repressuring in April 1942. The well was cleared out and deepened to a depth of 3951 feet as shown by the above log. From 3932 to 3951 feet we encountered a pay capable of making 100 barrels of oil per day. Immediately upon completion of this deepening, the well was placed back as a key well and was not produced.