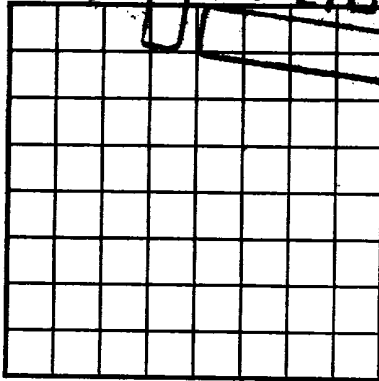


U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 029405-A

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**RECEIVED**  
AUG 20 1951  
OIL CONSERVATION COMMISSION  
HOODS OFFICE**LOG OF OIL OR GAS WELL**

Company Maljamar Oil & Gas Corp. Address Artesia, New Mexico  
Lessor or Tract Wm. Mitchell Field Baish State New Mexico  
Well No. 6 Sec. 20 T. 17S R. 32E Meridian N M P M County Lea  
Location 1980 XX ft. S. of N Line and 1980 XX ft. W. of E Line of Sec. 20 Elevation 4008  
(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 \_\_\_\_\_

Date April 24, 1939Title Manager

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

Commenced drilling 10-24, 1938 Finished drilling 2-14, 1939

**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from 3598 to 3604 G No. 4, from 4010 to 4038  
No. 2, from 3604 to 3610 O No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 3674 to 3687 O 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— |         |
| <u>7"</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <u>22</u>       | <u>10</u>        | <u>J&amp;L</u> | <u>3598</u> | <u>Float</u> |                     |            |     |         |
| It is of the greatest importance to make a complete record of the well. Please state in detail the type of equipment used for each operation. If there were any changes made in the casing, state the size and the reasons for the work and its results. If the well was perforated, state the size, position, and number of perforations, or left in the well. State its size and location. If the well was cemented, state the size, position, and number of cement sacks used. If there were any changes made in the casing, state the size and the reasons for the work and its results. If the well was perforated, state the size, position, and number of perforations, or left in the well. State its size and location. If the well was cemented, state the size, position, and number of cement sacks used. |                 |                  |                |             |              |                     |            |     |         |
| <b>HISTORY OF OIL OR GAS WELL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |                  |                |             |              |                     |            |     |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |                  |                |             |              |                     |            |     |         |

**MUDDING AND CEMENTING RECORD**

| Size casing | Where set   | Number sacks of cement | Method used        | Mud gravity | Amount of mud used |
|-------------|-------------|------------------------|--------------------|-------------|--------------------|
| <u>7"</u>   | <u>3598</u> | <u>500</u>             | <u>Halliburton</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 obtained out |
|------|------------|----------------|----------|------|------------|--------------------|
|      |            |                |          |      |            |                    |
|      |            |                |          |      |            |                    |
|      |            |                |          |      |            |                    |

**TOOLS USED**

Rotary tools were used from 0 feet to 3598 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 3598 feet to 4038 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

Feb. 14, 1939 Put to producing Feb. 14, 1939

The production for the first 24 hours was 140 barrels of fluid of which 100 % was oil; 0 % 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. \_\_\_\_\_

LEASE OR PERMIT TO PROSPECT  
SERIAL NUMBER 02905-A  
U. S. LAND OFFICE Las Cruces

RECEIVED  
JUL 20 1951  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
UNITED STATES

HOBBY-OFFICE  
AIR CONSERVATION COMMISSION

**LOG OF OIL OR GAS WELL**

**LOCATE WELL CORRECTLY**

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.

Location  $\left\{ \begin{array}{l} \text{ft. of } \{ \text{S.} \\ \text{ft. of N. line and } \{ \text{W.} \end{array} \right.$   $\left\{ \begin{array}{l} 1980 \\ 1980 \end{array} \right.$  ft. of E. line of Sec. 20 Elevation 4008

Well No. 2 Sec. 20 T. 17 S. R. 32 E. Meridian N M P M County Lea

Lessor or Tract Wm. Mitchell Field Baker State New Mexico

Company Williams Oil & Gas Corp. Address Artesia, New Mexico

\_\_\_\_\_ Date  
\_\_\_\_\_ Title  
\_\_\_\_\_ Manager

Commenced drilling 10-24, 1938 Finished drilling 2-14, 1939  
The summary on this page is for the condition of the well at above date.

**OIL OR GAS SANDS OR ZONES**

(Detroit was by G)

|             |    |      |             |    |      |
|-------------|----|------|-------------|----|------|
| No. 1, from | to | 3228 | No. 4, from | to | 4004 |
| No. 2, from | to | 4038 | No. 5, from | to | 4004 |
| No. 3, from | to | 4738 | No. 6, from | to | 4004 |

## IMPORTANT WATER BANDS

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

## CASING RECORD

| Casing size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | Retorced |     | Purpose |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|------|--------|--------------|---------------------|----------|-----|---------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |                  |      |        |              |                     | From—    | To— |         |
| 5"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 33              | 10               | 1st  | 3228   | Flot         |                     |          |     |         |
| <p>It is of the greatest importance to have a complete history of the work done in the well, and the reasons for the work and its results. It does not pay to keep records in the casing, state fully, and if any casing was "underpacked", or left in the well, give date and location. It does not pay to keep records in the casing, state fully, and if any casing was of shoe. If rings or bridges were put in to hold the casing, give date, size, position, and number of pumps or pumping or balling.</p> |                 |                  |      |        |              |                     |          |     |         |
| <p>HISTORY OF OIL OR GAS WELL</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |                  |      |        |              |                     |          |     |         |
| <p>U. S. GOVERNMENT PRINTING OFFICE</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |                  |      |        |              |                     |          |     |         |

**MUDDING AND CEMENTING RECORD**

| Size<br>Selling | Where<br>sold | Number sacks of cement | Method used       | Kind<br>gravel | Amount of material used |
|-----------------|---------------|------------------------|-------------------|----------------|-------------------------|
| 5"              | 3228          | 200                    | Hand distribution |                |                         |
|                 |               |                        |                   |                |                         |
|                 |               |                        |                   |                |                         |
|                 |               |                        |                   |                |                         |
|                 |               |                        |                   |                |                         |
|                 |               |                        |                   |                |                         |

## PLUGS AND ADAPTORS

| Adapters—Material     | Size | Length | Depth set |
|-----------------------|------|--------|-----------|
| Heaving plug—Material |      |        |           |

## SHOOTING RECORD

[illegible]

**TOOLS USED**

|                             |      |         |      |                |         |      |
|-----------------------------|------|---------|------|----------------|---------|------|
| Rotary tools were used from | 0    | test to | 3298 | test, and from | test to | test |
| Cable tools were used from  | 3298 | test to | 4038 | test, and from | test to | test |

## SETA-3

|                                                                                    |                                                                                                    |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| It gas well, cu. ft. per 24 hours<br>emulsion; _____ % water; and _____ % sediment | The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % |
| Feb. 14, 1932                                                                      | Put to producing Feb. 14, 1932                                                                     |

ЖЯАМ | ДЛОТ

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 029405-A

LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYRECEIVED  
AUG 20 1951OIL CONSERVATION COMMISSION  
HOODS OFFICE

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Maljamar Oil & Gas Corp. Address Artesia, New Mexico  
Lessor or Tract Wm. Mitchell Field Baish State New Mexico  
Well No. 6 Sec. 20 T. 17S R. 32E Meridian N M P M County Lea  
Location 1980 ft. XX of N Line and 1980 ft. XX of E Line of Sec. 20 Elevation 4008  
(Derive from 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 April 24, 1939Title Manager

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

Commenced drilling 10-24, 1938 Finished drilling 2-14, 1939

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3598 to 3604 G No. 4, from 4010 to 4038  
No. 2, from 3604 to 3610 O No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 3674 to 3687 O 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— |         |
| <u>7"</u>                                                                                                                                                                                                                                                                                                                                                                         | <u>22</u>       | <u>10</u>        | <u>J&amp;L</u> | <u>3598</u> | <u>Float</u> |                     |            |     |         |
| If there are changes made in the well, state the kind of material used, location, size, position, and number of changes, and the reasons for the work and its results. If there are any changes made in the casing, state the size and the casing was. It is of the greatest importance to have a complete record of the well. Please state in detail the type of equipment used. |                 |                  |                |             |              |                     |            |     |         |
| 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 |
|-------------|-------------|------------------------|--------------------|-------------|--------------------|
| <u>7"</u>   | <u>3598</u> | <u>500</u>             | <u>Halliburton</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 |
|------|------------|---------------------------------|----------|------|------------|-------------------|
|      |            | <u>Did not shoot or acidize</u> |          |      |            |                   |
|      |            |                                 |          |      |            |                   |
|      |            |                                 |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 3598 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 3598 feet to 4038 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

Feb. 14, 1939 Put to producing Feb. 14, 1939  
The production for the first 24 hours was 140 barrels of fluid of which 100 % was oil; 0 % 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

C. F. McGeorge, Driller L. Smith, Supt \_\_\_\_\_, Driller  
C. E. Neeley, Driller B. Cockburn, Driller \_\_\_\_\_

## FORMATION RECORD

| FROM—       | TO—         | TOTAL FEET | FORMATION                   |
|-------------|-------------|------------|-----------------------------|
| <u>0</u>    | <u>30</u>   |            | Surface                     |
| <u>30</u>   | <u>247</u>  |            | Red rock                    |
| <u>247</u>  | <u>700</u>  |            | Red rock                    |
| <u>700</u>  | <u>850</u>  |            | Anhydrite                   |
| <u>850</u>  | <u>970</u>  |            | Anhydrite & Red bed         |
| <u>970</u>  | <u>1350</u> |            | Anhydrite & Salt            |
| <u>1350</u> | <u>1750</u> |            | Salt                        |
| <u>1750</u> | <u>2000</u> |            | Red rock & Salt             |
| <u>2000</u> | <u>2490</u> |            | Anhydrite                   |
| <u>2490</u> | <u>2505</u> |            | Sand                        |
| <u>2505</u> | <u>2696</u> |            | Anhydrite                   |
| <u>2696</u> | <u>2726</u> |            | Anhydrite & Gyp             |
| <u>2726</u> | <u>2816</u> |            | Anhydrite                   |
| <u>2816</u> | <u>2957</u> |            | Anhydrite & Lime            |
| <u>2957</u> | <u>3598</u> |            | Lime                        |
| <u>3598</u> | <u>3604</u> |            | Lime Show of gas            |
| <u>3604</u> | <u>3610</u> |            | Sand Show of Oil            |
| <u>3610</u> | <u>3674</u> |            | Lime                        |
| <u>3674</u> | <u>3687</u> |            | Sand Show of oil            |
| <u>3687</u> | <u>3756</u> |            | Lime                        |
| <u>3756</u> | <u>3775</u> |            | Sand & Lime                 |
| <u>3775</u> | <u>4010</u> |            | Lime                        |
| <u>4010</u> | <u>4038</u> |            | Lime saturated Well flowing |
| FROM—       | TO—         | TOTAL FEET | FORMATION                   |

FORMATION RECORD—Continued

RECEIVED  
JUN 50 1951  
HOBBS-OFFICE  
ON CONSERVATION COMMISSION

LOCATE WELL CORRECTLY

A blank sheet of graph paper with a grid pattern. The grid consists of small squares formed by horizontal and vertical lines. There are some faint markings at the top left corner, possibly from a previous page or binding, but the rest of the page is empty.

The summary on this page is for the condition of the well at above date.  
 Date \_\_\_\_\_ 1933  
 Title \_\_\_\_\_  
 Manager \_\_\_\_\_  
 Signed \_\_\_\_\_

(Derecho de la U)

## IMPORTANT WATER SANDS

## CASING RECORD

| Casing<br>Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Weight<br>Per foot | Threads per<br>inch | Make | Amount | Kind of shoe | Cut and bugged from | Retrofitted |     | Purpose |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------|------|--------|--------------|---------------------|-------------|-----|---------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |                     |      |        |              |                     | From—       | To— |         |
| 5 1/2"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 55                 | 50                  | 121  | 3825   | 15054        |                     |             |     |         |
| <p>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 "backpacked" or left in the well, give the 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.</p> |                    |                     |      |        |              |                     |             |     |         |
| <p><b>HISTORY OF OIL OR GAS WELL</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |                     |      |        |              |                     |             |     |         |
| <p>16-50004-1 U. S. GOVERNMENT PRINTING OFFICE</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    |                     |      |        |              |                     |             |     |         |

**MUDDING AND CEMENTING RECORD**

| Size<br>and<br>weight | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-----------------------|-----------|------------------------|-------------|-------------|--------------------|
| 7"                    | 3000      | 500                    | Heliumation |             |                    |
|                       |           |                        |             |             |                    |
|                       |           |                        |             |             |                    |
|                       |           |                        |             |             |                    |
|                       |           |                        |             |             |                    |

## PLUGS AND ADAPTERS

|                       |        |           |
|-----------------------|--------|-----------|
| Leaving plug—Material | Length | Depth set |
| Adapters—Material     | Size   |           |

## SHOOTING RECORD

[illegible]

## TOOLS USED

|      |         |               |      |         |      |               |
|------|---------|---------------|------|---------|------|---------------|
| jeel | ot jeel | moni bna jeel | 8923 | ot jeel | 0    | moni bna jeel |
| jeel | ot jeel | moni bna jeel | 8904 | ot jeel | 8923 | moni bna jeel |

## ESTABLISH

|                                                                                          |                                |
|------------------------------------------------------------------------------------------|--------------------------------|
| The production for the first 24 hours was 140 barrels of fluid of which 100% was oil; 0% | Put to producing Feb. 14, 1932 |
| It gas well, cu. ft. per 24 hours                                                        | Back pressure lbs. per sq. in. |
| emulsion; and % sediment                                                                 | Gravity, °Be.                  |
| Gallons gasoline per 1,000 cu. ft. of gas                                                |                                |

2370 JUNE

|              |        |                |        |
|--------------|--------|----------------|--------|
| C. F. McGee  | Diller | L. Smith, Supt | Diller |
| C. E. Weeley | Diller | B. Cockburn    | Diller |

**CROON MONTAGNE**

| FORMATION                   | TOTAL FEET | TO-  | FROM- |
|-----------------------------|------------|------|-------|
| Lime saturated Well flowing |            | 4038 | 4010  |
| Lime                        |            | 4010 | 3775  |
| Sand & Lime                 |            | 3775 | 3755  |
| Lime                        |            | 3755 | 3687  |
| Sand                        |            | 3687 | 3674  |
| Show of oil                 |            | 3674 | 3610  |
| Lime                        |            | 3610 | 3598  |
| Show of oil                 |            | 3598 | 3504  |
| Lime                        |            | 3504 | 3257  |
| Andhyrite & Lime            |            | 3257 | 2816  |
| Andhyrite                   |            | 2816 | 2728  |
| Andhyrite & Gyp             |            | 2728 | 2696  |
| Andhyrite                   |            | 2696 | 2505  |
| Sand                        |            | 2505 | 2490  |
| Andhyrite                   |            | 2490 | 2000  |
| Red rock & Salt             |            | 2000 | 1750  |
| Salt                        |            | 1750 | 1350  |
| Andhyrite & Salt            |            | 1350 | 970   |
| Andhyrite & Red bed         |            | 970  | 850   |
| Andhyrite                   |            | 850  | 700   |
| Red rock                    |            | 700  | 247   |
| Red rock                    |            | 247  | 30    |
| Surface                     |            | 30   | 0     |

УДОБНО | НАМ