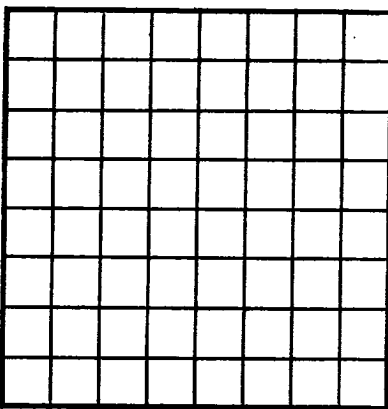


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 028775 B  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company American Republics Corp. Address Box 547, Artesia, New Mexico  
Lessor or Tract F. M. Robinson Field Gray.-Jackson State New Mexico  
Well No. 30-B Sec. 35 T. 17 R. 29 Meridian N.M.P.M. County Eddy  
Location 280 ft. (S.) of N. Line and 1345 ft. (E.) of W. Line of Section 35 Elevation 3549  
(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 W. B. Mares  
Title District Superintendent

Date March 12, 1951

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

Commenced drilling January 4, 1951 Finished drilling March 2, 1951

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3045 to 3059 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 3059 to 3070 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 3070 to 3080 No. 6, from \_\_\_\_\_ to \_\_\_\_\_  
No. 7, from 3080 to 3090 No. 8, from \_\_\_\_\_ to \_\_\_\_\_  
No. 9, from 3090 to 3100 No. 10, from \_\_\_\_\_ to \_\_\_\_\_  
No. 11, from 3100 to 3110 No. 12, from \_\_\_\_\_ to \_\_\_\_\_  
No. 13, from 3110 to 3120 No. 14, from \_\_\_\_\_ to \_\_\_\_\_  
No. 15, from 3120 to 3130 No. 16, from \_\_\_\_\_ to \_\_\_\_\_  
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No. 23, from 3160 to 3170 No. 24, from \_\_\_\_\_ to \_\_\_\_\_  
No. 25, from 3170 to 3180 No. 26, from \_\_\_\_\_ to \_\_\_\_\_  
No. 27, from 3180 to 3190 No. 28, from \_\_\_\_\_ to \_\_\_\_\_  
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No. 499, from 5540 to 5550 No. 500, from \_\_\_\_\_ to \_\_\_\_\_  
No. 501, from 5550 to 5560 No. 502, from \_\_\_\_\_ to \_\_\_\_\_  
No. 503, from 5560 to 5570 No. 504, from \_\_\_\_\_ to \_\_\_\_\_  
No. 505, from 5570 to 5580 No. 506, from \_\_\_\_\_ to \_\_\_\_\_  
No. 507, from 5580 to 5590 No. 508, from \_\_\_\_\_ to \_\_\_\_\_  
No. 509, from 5590 to 5600 No. 510, from \_\_\_\_\_ to \_\_\_\_\_  
No. 511, from 5600 to 5610 No. 512, from \_\_\_\_\_ to \_\_\_\_\_  
No. 513, from 5610 to 5620 No. 514, from \_\_\_\_\_ to \_\_\_\_\_  
No. 515, from 5620 to 5630 No. 516, from \_\_\_\_\_ to \_\_\_\_\_  
No. 517, from 5630 to 5640 No. 518, from \_\_\_\_\_ to \_\_\_\_\_  
No. 519, from 5640 to 5650 No. 520, from \_\_\_\_\_ to \_\_\_\_\_  
No. 521, from 5650 to 5660 No. 522, from \_\_\_\_\_ to \_\_\_\_\_  
No. 523, from 5660 to 5670 No. 524, from \_\_\_\_\_ to \_\_\_\_\_  
No. 525, from 5670 to 5680 No. 526, from \_\_\_\_\_ to \_\_\_\_\_  
No. 527, from 5680 to 5690 No. 528, from \_\_\_\_\_ to \_\_\_\_\_  
No. 529, from 5690 to 5700 No. 530, from \_\_\_\_\_ to \_\_\_\_\_  
No. 531, from 5700 to 5710 No. 532, from \_\_\_\_\_ to \_\_\_\_\_  
No. 533, from 5710 to 5720 No. 534, from \_\_\_\_\_ to \_\_\_\_\_  
No. 535, from 5720 to 5730 No. 536, from \_\_\_\_\_ to \_\_\_\_\_  
No. 537, from 5730 to 574

U. S. LAND OFFICE  
SERIAL NUMBER  
LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

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 of the well is at the intersection of the line and the line of Section 15, Township 15 N., Range 15 E., of the 1st Meridian, Sec. 15, T. 15 N., R. 15 E., County of \_\_\_\_\_, State of \_\_\_\_\_.

Well No. \_\_\_\_\_

Owner or Lessor of Tract \_\_\_\_\_

Address \_\_\_\_\_

Company \_\_\_\_\_

\_\_\_\_\_ Bernie

Commenced drilling \_\_\_\_\_, 19\_\_\_\_. Finished drilling \_\_\_\_\_, 19\_\_\_\_.

OIL OR GAS SANDS OR ZONES

(c)  $\text{var}(\text{store}(T))$

| to        | No. 1 from | to                          | No. 1 from |
|-----------|------------|-----------------------------|------------|
| 1.66 BOPH | 3046-8121  | Retreated with 1000 gallons | 3046-8121  |
| 3.72 BOPH | 3046-8121  | Retreated with 2500 gallons | 3046-8121  |
| 3.13 BOPH | 3046-3095  | Retreated with 2500 gallons | 3046-3095  |
| 2.87 BOPH | 3108-3121  | Retreated with 2500 gallons | 3108-3121  |
| 1.83 BOPH | 3128-3188  | Retreated with 1000 gallons | 3128-3188  |
| 4.14 BOPH | 3129-3188  | Retreated with 2500 gallons | 3129-3188  |

Estimated Production to Natural No. 1 BOPD

[illegible]

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 back", or left in the well, give its size and depth. 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

| 7) Brand and                        | Number and size of cement | Mix design | Test results | Amount of cement |
|-------------------------------------|---------------------------|------------|--------------|------------------|
| <b>MUDDING AND CEMENTING RECORD</b> |                           |            |              |                  |

SHIPPING AND CEMENTING RECORD

| Year | Number acres of cropland | Number acres of forest | Number acres of pasture | Number acres of other land | Number acres of water | Number acres of total land |
|------|--------------------------|------------------------|-------------------------|----------------------------|-----------------------|----------------------------|
| 1990 | 100                      | 100                    | 100                     | 100                        | 100                   | 500                        |
| 2000 | 100                      | 100                    | 100                     | 100                        | 100                   | 500                        |

PLUGS AND ADAPTERS

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

SHOOTING RECORD

[illegible]

TOOLS USED

|                             |         |                |         |
|-----------------------------|---------|----------------|---------|
| Rotary tools were used from | feet to | feet, and from | feet to |
| Drill tools were used from  | feet to | feet, and from | feet to |

**SETAD**

|                                               |       |                  |       |
|-----------------------------------------------|-------|------------------|-------|
| The production for the first 24 hours was     | 10.61 | Put to producing | 19.71 |
| 2 barrels of fluid of which 1 barrel was oil. |       |                  |       |

|                                                                         |              |            |
|-------------------------------------------------------------------------|--------------|------------|
| It was well cut in 24 hours                                             | % water; and | % sediment |
| Gravity, ° Bé. _____<br>Gallons gasoline per 1,000 cu. ft. of gas _____ |              |            |

Rock pressure lbs. per sq. in.

## EMPLOYEES

|         |                 |         |                 |
|---------|-----------------|---------|-----------------|
| Driller | 1. A. Benson    | Driller | 1. A. Benson    |
| Driller | 2. W. A. Wilson | Driller | 2. W. A. Wilson |

**FORMATION RECORD**

| FORMATION | TOTAL FEET | TO-  | FROM- |
|-----------|------------|------|-------|
| Time      | 100        | 3100 | 3000  |
| Time      | 10         | 3000 | 2900  |
| Time      | 10         | 2900 | 2800  |
| Time      | 10         | 2800 | 2700  |
| Time      | 10         | 2700 | 2600  |
| Time      | 10         | 2600 | 2500  |
| Time      | 10         | 2500 | 2400  |
| Time      | 10         | 2400 | 2300  |
| Time      | 10         | 2300 | 2200  |
| Time      | 10         | 2200 | 2100  |
| Time      | 10         | 2100 | 2000  |
| Time      | 10         | 2000 | 1900  |
| Time      | 10         | 1900 | 1800  |
| Time      | 10         | 1800 | 1700  |
| Time      | 10         | 1700 | 1600  |
| Time      | 10         | 1600 | 1500  |
| Time      | 10         | 1500 | 1400  |
| Time      | 10         | 1400 | 1300  |
| Time      | 10         | 1300 | 1200  |
| Time      | 10         | 1200 | 1100  |
| Time      | 10         | 1100 | 1000  |
| Time      | 10         | 1000 | 900   |
| Time      | 10         | 900  | 800   |
| Time      | 10         | 800  | 700   |
| Time      | 10         | 700  | 600   |
| Time      | 10         | 600  | 500   |
| Time      | 10         | 500  | 400   |
| Time      | 10         | 400  | 300   |
| Time      | 10         | 300  | 200   |
| Time      | 10         | 200  | 100   |
| Time      | 10         | 100  | 0     |

**FORMATION RECORD—Continued**