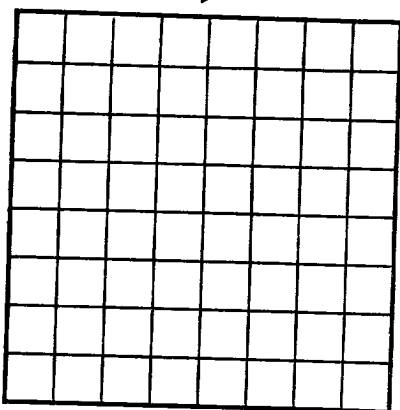




LOCATE WELL CORRECTLY

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 Grayburg-Jackson State New Mexico  
Well No. 4-A Sec. 34 T. 17S R. 29E Meridian NMPM County Eddy  
Location 1980 ft. {N.} of N. Line and 1980 ft. {E.} of E. Line of Sec. 34 Elevation 3516  
(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. MaceyDate September 26, 1946Title Superintendent

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

Commenced drilling June 2, 1946, 19... Finished drilling July 22, 1946, 19...

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2525 to 2525 No. 4, from 3115 to 3123  
No. 2, from 2565 to 2575 No. 5, from        to         
No. 3, from 3105 to 3115 No. 6, from        to       

## 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— |         |
|             |                 |                  |      |        |              |                     |            |     |         |
|             |                 |                  |      |        |              |                     |            |     |         |
|             |                 |                  |      |        |              |                     |            |     |         |
|             |                 |                  |      |        |              |                     |            |     |         |
|             |                 |                  |      |        |              |                     |            |     |         |
|             |                 |                  |      |        |              |                     |            |     |         |
|             |                 |                  |      |        |              |                     |            |     |         |
|             |                 |                  |      |        |              |                     |            |     |         |
|             |                 |                  |      |        |              |                     |            |     |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8 1/2"      | 401       | 50                     | Halliburton |             |                    |
| 7"          | 2995      | 100                    | "           |             | 4                  |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

## 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 Surface feet to 3178 feet, and from        feet to        feet

## DATES

19 Put to producing September 26, 19 46  
The production for the first 24 hours was 71 barrels of fluid of which 27 % was oil;        %  
emulsion;        % water; and        % sediment. Gravity, °Bé.         
If gas well, cu. ft. per 24 hours 3 Gallons gasoline per 1,000 cu. ft. of gas         
Rock pressure, lbs. per sq. in.       

## EMPLOYEES

Brewer Drilling Co., Driller       , Driller  
Contractor, Driller       , Driller

## FORMATION RECORD

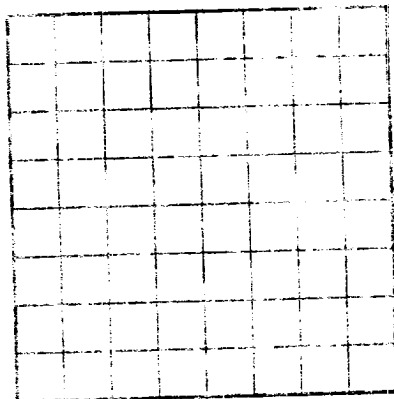
| FROM— | TO—  | TOTAL FEET | FORMATION       |
|-------|------|------------|-----------------|
| 0     | 15   | 15         | Sand            |
| 15    | 85   | 70         | Red Shale       |
| 85    | 100  | 15         | Red bed         |
| 100   | 185  | 85         | Gyr             |
| 185   | 260  | 75         | Red shale       |
| 260   | 315  | 55         | Red bed         |
| 315   | 330  | 15         | Red shale       |
| 330   | 335  | 5          | water sand      |
| 335   | 735  | 400        | Salt            |
| 735   | 1936 | 1201       | Anhydrite       |
| 1936  | 1962 | 26         | Red sandy shale |
| 1962  | 2095 | 133        | Anhydrite       |
| 2095  | 2118 | 23         | Lime            |
| 2118  | 2302 | 184        | Anhydrite       |
| 2302  | 3178 | 876        | Lime            |

(OVER)

FORMATION RECORD—CONTINUED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company, \_\_\_\_\_  
Lessor or Owner, \_\_\_\_\_  
Well No. \_\_\_\_\_ Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_  
Location, \_\_\_\_\_ of \_\_\_\_\_ Line and \_\_\_\_\_ of \_\_\_\_\_  
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 \_\_\_\_\_  
Title \_\_\_\_\_  
The summary on this page is for the condition of the well at above date.

Commenced drilling \_\_\_\_\_ 19 \_\_\_\_\_  
Finished drilling \_\_\_\_\_ 19 \_\_\_\_\_

OIL OR GAS SANDS OR ZONES

(Note gas by G)

No. 1 from \_\_\_\_\_ to \_\_\_\_\_  
No. 2 from \_\_\_\_\_ to \_\_\_\_\_  
No. 3 from \_\_\_\_\_ to \_\_\_\_\_  
No. 4 from \_\_\_\_\_ to \_\_\_\_\_  
No. 5 from \_\_\_\_\_ to \_\_\_\_\_  
No. 6 from \_\_\_\_\_ to \_\_\_\_\_  
No. 7 from \_\_\_\_\_ to \_\_\_\_\_  
No. 8 from \_\_\_\_\_ to \_\_\_\_\_  
No. 9 from \_\_\_\_\_ to \_\_\_\_\_  
No. 10 from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1 from \_\_\_\_\_ to \_\_\_\_\_  
No. 2 from \_\_\_\_\_ to \_\_\_\_\_  
No. 3 from \_\_\_\_\_ to \_\_\_\_\_  
No. 4 from \_\_\_\_\_ to \_\_\_\_\_  
No. 5 from \_\_\_\_\_ to \_\_\_\_\_  
No. 6 from \_\_\_\_\_ to \_\_\_\_\_  
No. 7 from \_\_\_\_\_ to \_\_\_\_\_  
No. 8 from \_\_\_\_\_ to \_\_\_\_\_  
No. 9 from \_\_\_\_\_ to \_\_\_\_\_  
No. 10 from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

Size \_\_\_\_\_  
Depth \_\_\_\_\_  
Material \_\_\_\_\_  
Date \_\_\_\_\_

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 "sidetracked" or left in the well, give its 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.

HISTORY OF OIL OR GAS WELL

18-43004-1 U. S. GOVERNMENT PRINTING OFFICE

WORKING AND OBSERVATIONS  
Date \_\_\_\_\_  
Time \_\_\_\_\_  
Remarks \_\_\_\_\_

SHOOTING RECORD  
Date \_\_\_\_\_  
Time \_\_\_\_\_  
Remarks \_\_\_\_\_

TOOLS USED  
Date \_\_\_\_\_  
Time \_\_\_\_\_  
Remarks \_\_\_\_\_

DATES  
Date \_\_\_\_\_  
Time \_\_\_\_\_  
Remarks \_\_\_\_\_

EMPLOYEES  
Date \_\_\_\_\_  
Time \_\_\_\_\_  
Remarks \_\_\_\_\_

FORMATION RECORD  
Date \_\_\_\_\_  
Time \_\_\_\_\_  
Remarks \_\_\_\_\_

FROM \_\_\_\_\_  
TO \_\_\_\_\_  
TOTAL FEET \_\_\_\_\_

FORMATION  
Date \_\_\_\_\_  
Time \_\_\_\_\_  
Remarks \_\_\_\_\_

FROM \_\_\_\_\_  
TO \_\_\_\_\_  
TOTAL FEET \_\_\_\_\_

FORMATION  
Date \_\_\_\_\_  
Time \_\_\_\_\_  
Remarks \_\_\_\_\_

FROM \_\_\_\_\_  
TO \_\_\_\_\_  
TOTAL FEET \_\_\_\_\_

FORMATION  
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Remarks \_\_\_\_\_

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TO \_\_\_\_\_  
TOTAL FEET \_\_\_\_\_

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TO \_\_\_\_\_  
TOTAL FEET \_\_\_\_\_

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TO \_\_\_\_\_  
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TO \_\_\_\_\_  
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TO \_\_\_\_\_  
TOTAL FEET \_\_\_\_\_

FORMATION  
Date \_\_\_\_\_  
Time \_\_\_\_\_  
Remarks \_\_\_\_\_