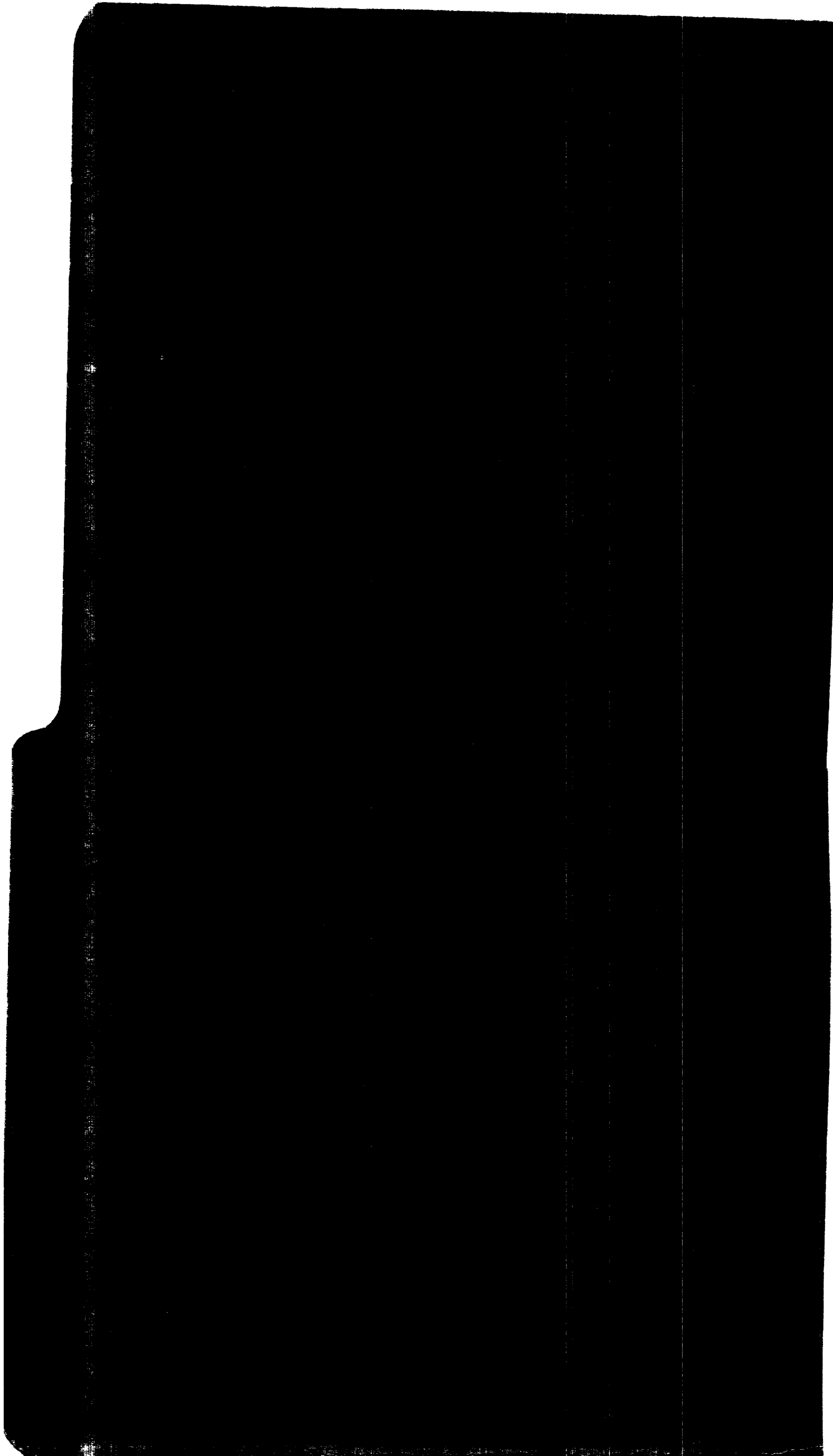


30-015-03761

4-10-73  
w/w R-4502



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LOCATE WELL CORRECTLY

87cm

U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 064073  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company American Republics Corpn Address Box 547, Artesia, New Mexico  
Lessor or Tract F. M. Robinson Field Grayburg-Jackson State New Mexico  
Well No. 20-E Sec. 34 T. 17 SR. 29 E Meridian N.M.P.M. County Eddy  
Location 66 Ft. N of M Line and 198 Ft. E of W Line of Section 34 Elevation 3618  
(Datum: 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 Macey  
Date April 21, 1948 Title Superintendent

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

Commenced drilling January 15, 1948 Finished drilling March 27, 1948

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

No. 1, from 2444 to 56 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 2588 to 2611 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 2909 to 2914 No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from 132 to 140 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 3735 to 47 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—  |            |
| 7"          | 20              | 8 rd             |      | 2900   | Float        | 1700                | 2450       | 2467 | To acidize |
|             |                 |                  |      |        |              |                     |            |      |            |
|             |                 |                  |      |        |              |                     |            |      |            |
|             |                 |                  |      |        |              |                     |            |      |            |
|             |                 |                  |      |        |              |                     |            |      |            |
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|             |                 |                  |      |        |              |                     |            |      |            |
|             |                 |                  |      |        |              |                     |            |      |            |
|             |                 |                  |      |        |              |                     |            |      |            |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8 1/4"      | 362       | 50                     | Halliburton |             |                    |
| 7"          | 2899      | 100                    | "           |             | 4 cks              |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

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

TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from Surface feet to 3788 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing \_\_\_\_\_, 19\_\_\_\_  
The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % 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

Brewer Drilling Co., Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

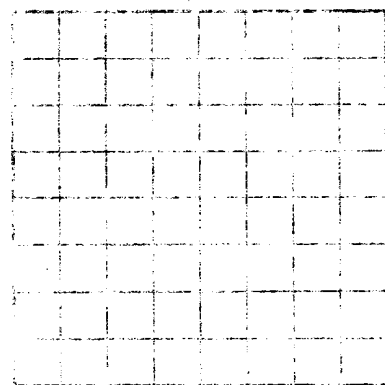
FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                 |
|-------|------|------------|---------------------------|
| 0     | 3    | 3          | Cellar                    |
| 3     | 70   | 67         | Red sand                  |
| 70    | 135  | 65         | Gyp                       |
| 135   | 160  | 25         | Red shale                 |
| 160   | 170  | 10         | Gyp                       |
| 170   | 190  | 20         | Red mud                   |
| 190   | 255  | 65         | Red shale                 |
| 255   | 320  | 65         | Red shale & salt          |
| 320   | 730  | 410        | Salt                      |
| 730   | 888  | 158        | Anhydrite                 |
| 888   | 942  | 54         | Red rock, anhy & shells   |
| 942   | 990  | 48         | Anhydrite-red             |
| 990   | 1025 | 35         | Anhy & red rock breaks    |
| 1025  | 1532 | 507        | Anhydrite                 |
| 1532  | 1536 | 4          | Shale, gray               |
| 1536  | 1563 | 27         | Anhydrite-broken-red      |
| 1563  | 1737 | 114        | Anhydrite                 |
| 1737  | 1780 | 43         | Anhydrite-red-broken      |
| 1780  | 1873 | 97         | Anhydrite                 |
| 1873  | 1892 | 19         | Red sand                  |
| 1892  | 2002 | 110        | Anhydrite                 |
| 2002  | 2050 | 28         | Lime                      |
| 2050  | 2115 | 65         | Anhydrite-broken          |
| 2115  | 2184 | 69         | Lime                      |
| 2184  | 2216 | 32         | Anhydrite, gyp & red rock |
| 2216  | 2238 | 22         | Lime, broken              |

1. The first of these is the fact that the land is not owned by the State, but by the people. The land is owned by the people, and the people are the only ones who can use it. The land is not owned by the State, and the State is not the only one who can use it. The land is owned by the people, and the people are the only ones who can use it.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

TOC OF OIL OR GAS WELL



The information given herein is a complete and correct record of the work as of 1 week down to the date of the report and is available to all.

The summary on this page is for the condition on the roll as shown above

NO 2002 240 20 10

[illegible]

BUKAR SITAW TMA 2021

CONFIDENTIAL

|                                       |                                |                  |          |        |
|---------------------------------------|--------------------------------|------------------|----------|--------|
| 1. Name of the person or organization | 2. Address                     | 3. City          | 4. State | 5. Zip |
| Mr. J. Edgar Hoover                   | 2000 Pennsylvania Avenue, N.W. | Washington, D.C. | D.C.     | 20535  |

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 "mudded" 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

U. S. GOVERNMENT PRINTING OFFICE 16-43084-1

| FROM-                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TO-  | TOTAL FEET | FORMATION         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|-------------------|
| 2235                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2249 | 14         | Anhydrite, broken |
| 2249                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3463 | 1214       | Lime              |
| 3463                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3475 | 11         | Sand, gray        |
| 3475                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3500 | 25         | Lime              |
| 3500                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3514 | 14         | Lime, sandy       |
| 3514                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3738 | 224        | Lime              |
| <b>PLUGGED AND ABANDONED</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |            |                   |
| At TD 3788, 400' water in hole. Plugged back to 3103 w/116 cks.<br>cement. Treated 1500 gal. acid 2900-3103, swabbed dry, treated with<br>1000 gal. acid below 2945, no increase in production. Pan Lane-well<br>Neutron survey from 900' to 2470'. Squeezed plastic plug 2470-76.<br>perforated 7" casing w/90 shots 2450-67. Treated w/1500 gals. thru<br>perforations. Swabbed 3 to 11 hrs. Retreated 2000 gals. Swabbed 3<br>to 24 hrs, then hole swabbed dry. |      |            |                   |
| <b>FORMATION RECORD</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |            |                   |
| Driller<br>Interpreter                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |            |                   |
| Gallons gasoline per 1000 cu ft of gas<br>(Gallons) (Barrels) (Cubic feet)<br>The production of which is 8% water cut                                                                                                                                                                                                                                                                                                                                              |      |            |                   |
| <b>DATES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |            |                   |
| The well was used from 1950 to 1951 and from 1952 to 1953<br>(to the top of the well) and from 1954 to 1955 (to the bottom)                                                                                                                                                                                                                                                                                                                                        |      |            |                   |
| <b>TOOLS USED</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |            |                   |
| 2 1/2" bit<br>2 1/2" bit<br>2 1/2" bit                                                                                                                                                                                                                                                                                                                                                                                                                             |      |            |                   |