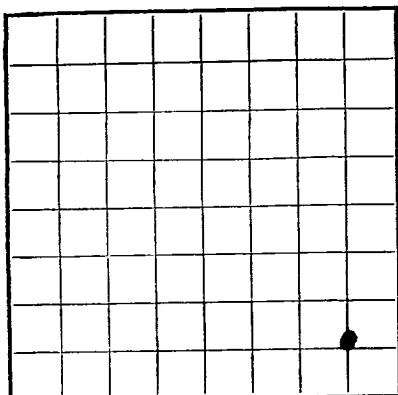




## LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Alamo Corporation Address 2010 34th Street, Lubbock, Texas  
 Lessor or Tract Bell-Federal Field Snyder-San Andres State New Mexico  
 Well No. 2 Sec. 20 T. 9S R. 38E Meridian NMPM County Lee  
 Location 660 ft. { N. } of S Line and 660 ft. { E. } of E Line of SE/4 Sec. 20 Elevation 3953  
 (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.

Date February 28, 1960 Title Geologist

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

Commenced drilling 12-19, 1960 Finished drilling 1-4, 1961

**OIL OR GAS SANDS OR ZONES**  
(Denote gas by G)  
No. 1, from 4892 to 4970 (CL) No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ 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**

[illegible]

### MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8 5/8       | 405       | 200                    | Pump truck  |             | m/s                |
| 4 1/2       | 4997      | 235                    | Pump truck  |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

## 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 |
|------|------------|----------------|----------|---------|------------|-------------------|
|      | Jeta       |                | 66       | 1-6-61  | 1877-1900  |                   |
|      | Jeta       |                | 32       | 2-23-61 | 1950-66    |                   |

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ 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

\_\_\_\_\_, Driller \_\_\_\_\_, Driller

\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                                         |
|-------|------|------------|---------------------------------------------------|
| 0     | 200  | 200        | Surface sand and clay                             |
| 200   | 390  | 190        | Sandstone                                         |
| 390   | 530  | 140        | Redbeds                                           |
| 530   | 1330 | 800        | Anhydrite, gypsum and redbeds                     |
| 1330  | 1800 | 470        | Mostly redbeds                                    |
| 1800  | 2300 | 500        | Anhydrite, gypsum and redbeds                     |
| 2300  | 2370 | 70         | Anhydrite, dolomite                               |
| 2370  | 4180 | 1810       | Anhydrite, gypsum and salt with redbeds           |
| 4180  | 4900 | 720        | Dolomite, with anhydrite and thin shale stringers |
| 4900  | 4997 | 97         | Dolomite, porous to dense, oil stained in part.   |
|       |      |            | Log Tops:                                         |
|       |      |            | San Andres - 4180 (-238)                          |
|       |      |            | San Andres Porosity - 4890 (-948)                 |

UNITED STATES  
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GEOLOGICAL SURVEY

[illegible]

03/05/05 11:00 AM

1. Die folgenden Aufgaben sind zu lösen:

Treated parts with 10,000 gal. regular acid, 1-6-61, swabbed. Well  
 picked off and on 50 hr. blowdown tested 1020 mrgpd, wet. Killed wells,  
 pulled tubing and packer and ran open ended tubing to 4609 and tested  
 well at 472 mrgpd. Cleaned out with reverse drilling unit to 4995' and  
 perforated lower section. Tested all perforations with 500 gal. jelled acid  
 with 500# motballs and 5500 gal. acid, 2-27-61. Swabbed 30 hrs. and well  
 picked off. Tested 596 mrgpd. Flowed well to pits 7 days for clean up,  
 shut in 4-7-61 for 72 hrs. prior to 4-point test.

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 on" 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 pings 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

10-3094-2 U. S. GOVERNMENT PRINTING OFFICE

| FROM | TO | TOTAL FEET | FORMATION          |
|------|----|------------|--------------------|
|      |    |            | FORMATION RECORD   |
|      |    |            | EMPLOYEES          |
|      |    |            | DATES              |
|      |    |            | FOOTAGE USED       |
|      |    |            | SHOOTING RECORD    |
|      |    |            | STILL PHOTO RECORD |