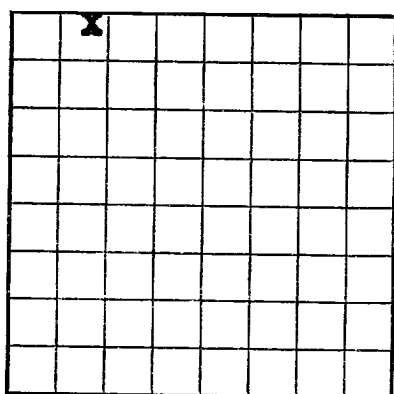




LOCATE WELL CORRECTLY

U. S. LAND OFFICE  
SERIAL NUMBER  
LEASE OR PERMIT TO PROSPECTSanta Fe  
N.M. 02931

Saunders

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company R. D. Collier Address Box 798, Artesia, New Mexico.  
Lessor or Tract Saunders Field Empire State New Mexico.  
Well No. 5 Sec. 13 T. 17S R. 27E Meridian N.M.P.M. County Eddy  
Location 330 ft. (N.) of N Line and 1650 (E.) of W Line of NE 1/4 Sec. 13 Elevation \_\_\_\_\_  
(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 R. D. Collier (Signed)Date November 22, 1950Title Owner

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

Commenced drilling May 23, 1950 Finished drilling June 19, 1950

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 394 to 399 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 411 to 420 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 105 to 110 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>17#</u>      | <u>7"</u>        | <u>392'</u> | <u>25 Sacks Cement</u> | <u>Denton Oil Well Cementing Co.</u> |                     |            |     | <u>Oil String</u> |
| 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>392'</u> | <u>25 Sacks Cement</u> | <u>Denton Oil Well Cementing Co.</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 |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 0 feet to 457 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES WELL ABANDONED 10-24-50

\_\_\_\_\_, 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

D. G. Winkles, Driller Louis C. Ogg-Tool Dresser, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM—                                                                             | TO—        | TOTAL FEET | FORMATION                                 |
|-----------------------------------------------------------------------------------|------------|------------|-------------------------------------------|
| <u>0</u>                                                                          | <u>105</u> | <u>105</u> | <u>Anhydrite</u>                          |
| <u>105</u>                                                                        | <u>110</u> | <u>5</u>   | <u>Sand - Water</u>                       |
| <u>110</u>                                                                        | <u>185</u> | <u>75</u>  | <u>Red Rock</u>                           |
| <u>185</u>                                                                        | <u>330</u> | <u>145</u> | <u>Anhydrite-Red Rock(Broken)Oil Show</u> |
| <u>330</u>                                                                        | <u>335</u> | <u>5</u>   | <u>Anhydrite</u>                          |
| <u>335</u>                                                                        | <u>345</u> | <u>10</u>  | <u>Lime</u>                               |
| <u>345</u>                                                                        | <u>385</u> | <u>40</u>  | <u>Anhydrite</u>                          |
| <u>385</u>                                                                        | <u>388</u> | <u>3</u>   | <u>Lime</u>                               |
| <u>388</u>                                                                        | <u>390</u> | <u>2</u>   | <u>Anhydrite</u>                          |
| <u>390</u>                                                                        | <u>395</u> | <u>5</u>   | <u>Blue Shale</u>                         |
| <u>395</u>                                                                        | <u>399</u> | <u>4</u>   | <u>Lime - Pay 394 to 399</u>              |
| <u>399</u>                                                                        | <u>402</u> | <u>3</u>   | <u>Lime</u>                               |
| <u>402</u>                                                                        | <u>409</u> | <u>7</u>   | <u>Anhydrite</u>                          |
| <u>409</u>                                                                        | <u>425</u> | <u>16</u>  | <u>Lime</u>                               |
| <u>425</u>                                                                        | <u>457</u> | <u>32</u>  | <u>Anhydrite - Total Depth</u>            |
| WELL ABANDONED-All Reports covering abandonment have been submitted and approved. |            |            |                                           |
| FROM—                                                                             | TO—        | TOTAL FEET | FORMATION                                 |

(OVER)

FORMATION RECORD—CONTINUED

