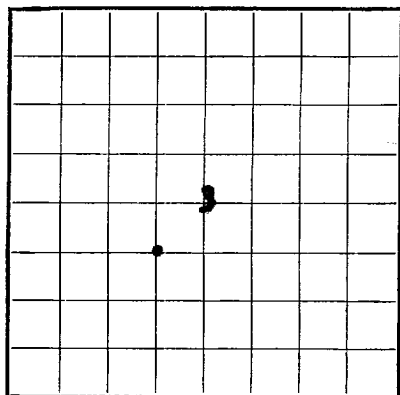




## LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company SINCLAIR OIL & GAS COMPANY Address 520 E. Broadway, Hobbs, New Mexico  
Lessor or Tract H. E. West "B" Field Grayburg-Jackson State New Mexico  
Well No. 23 Sec. 3 T. 17S R. 31E Meridian NPM County Eddy  
Location 1980 ft. N of S Line and 1980 ft. E of W Line of Section 3 Elevation 3948'  
EX WX (Depth)

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 September 11, 1959 Title District Superintendent

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

Commenced drilling 7/26/, 1959 Finished drilling 9/2/, 1959

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 3,240! to 3,454!      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"      | 797'      | 100                    | Halliburton |             |                    |
| 5"          | 3,456'    | 100                    | Halliburton |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material None Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material None Size                     

## SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
|      | None       |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

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

Cable tools were used from Surface feet to 3,456 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

-----, 19----- Put to producing -----, 19-----

The production for the first 24 hours was 158 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 25.4

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

John Goodwin, Driller

-----, Driller

## FORMATION RECORD

| FROM—                         | TO—   | TOTAL FEET | FORMATION              |
|-------------------------------|-------|------------|------------------------|
| 0                             | 50    | 50         | Sand                   |
| 50                            | 570   | 520        | Sand and red beds      |
| 570                           | 797   | 227        | Anhydrite and red beds |
| 797                           | 1700  | 903        | Salt                   |
| 1700                          | 2265  | 565        | Anhydrite and red rock |
| 2265                          | 2300  | 35         | Lime and anhydrite     |
| 2300                          | 3245  | 945        | Anhydrite              |
| 3245                          | 3456  | 211        | Lime                   |
| <b><u>GEOLOGICAL TOPS</u></b> |       |            |                        |
| Yates                         | 1,895 | ✓ 2053     |                        |
| 7-Rivers                      | 2,208 | ✓ 1740     |                        |
| Queen                         | 2,850 | ✓ 1098     |                        |
| Grayburg                      | 3,240 | ✓ 708      |                        |

**FORMATION RECORD—Continued**

| FROM— | TO— | TOTAL FEET | FORMATION                                                                                                                                |
|-------|-----|------------|------------------------------------------------------------------------------------------------------------------------------------------|
|       |     |            | <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>U.S. GOVERNMENT PRINTING OFFICE</p> <p>16-43094-2</p> </div> |

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 plungers 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

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

9/6/69: 500 II-5# CONING 28 JULY 69 WITH 100 BUCKS CREDIT.

9/7/59: Han gamma ray-neutron log and perforated 5" OD casing from 3113'-21" and 3129'-35" with 56 jet holes. Han 2-3/8" tubing to 3391'.

9/8/59: Loaded hole with oil and broke formation with 3000#. Sand-oil fractured perforations with 20,000 gallons oil and 20,000# sand. Max Pressure 1200#, Min. Pressure 2100#, Injection rate 16.4 bbls. per minute.

9/15/59: Flowed 1000 lbs. of 35.6 gravity oil in 7 hours for a calculated 24 hour potential test of 168 bbls. GOR 1280.