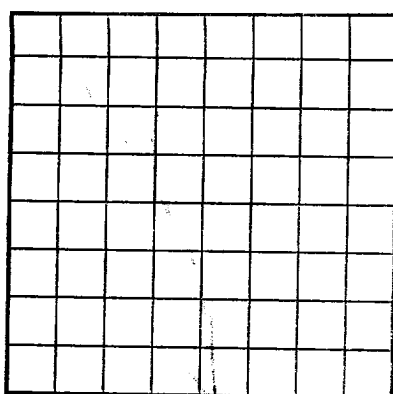


U. S. LAND OFFICE **Las Cruces**  
SERIAL NUMBER **029395 (b)**  
LEASE OR PERMIT TO PROSPECT  
**Mancil E. Turner**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

**Southern Production Company, Inc.**  
Company **(Danciger Oil & Refining Company)** Address **P. O. Box 670, Fort Worth, Texas**  
Lessor or Tract **United States** Field **Jackson** State **New Mexico**  
Well No. **7-BX** Sec. **17** T. **17S** R. **31E** Meridian **NMPM** County **Eddy**  
Location **660 ft. {N.} of S Line and 1980 ft. {E.} of E Line of Sec. 17 SW SE** Elevation **3368**  
(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 **[Signature]**  
Date **NOV 14 1951** Title **Agent**

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

Commenced drilling **February 5**, 19 **42** Finished drilling **July 14**, 19 **42**

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1960-63 O&G** to **2120-25 G** No. 4, from **3150-63 O&G** to **3287-3304 G**  
No. 2, from **2835-40 G** to **2890-2900 O** No. 5, from **3365-75 O** to **3442-47 O**  
No. 3, from **2915-25 O&G** to **2908'** No. 6, from **3442-47 O** to **2908'**

## IMPORTANT WATER SANDS

No. 1, from **522** to **530** No. 3, from **530** to **530**  
No. 2, from **530** to **530** No. 4, from **530** to **530**

## CASING RECORD

| Size casing   | Weight per foot | Threads per inch | Make | Amount       | Kind of shoe | Cut and pulled from | Perforated |     | Purpose |
|---------------|-----------------|------------------|------|--------------|--------------|---------------------|------------|-----|---------|
|               |                 |                  |      |              |              |                     | From—      | To— |         |
| <b>8-5/8"</b> | <b>24#</b>      |                  |      | <b>550'</b>  |              |                     |            |     |         |
| <b>7"</b>     | <b>20#</b>      |                  |      | <b>2908'</b> |              |                     |            |     |         |
|               |                 |                  |      |              |              |                     |            |     |         |
|               |                 |                  |      |              |              |                     |            |     |         |
|               |                 |                  |      |              |              |                     |            |     |         |
|               |                 |                  |      |              |              |                     |            |     |         |
|               |                 |                  |      |              |              |                     |            |     |         |
|               |                 |                  |      |              |              |                     |            |     |         |
|               |                 |                  |      |              |              |                     |            |     |         |

## MUDDING AND CEMENTING RECORD

| Size casing   | Where set    | Number sacks of cement | Method used        | Mud gravity | Amount of mud used |
|---------------|--------------|------------------------|--------------------|-------------|--------------------|
| <b>8-5/8"</b> | <b>550'</b>  | <b>50</b>              | <b>Halliburton</b> |             |                    |
| <b>7"</b>     | <b>2908'</b> | <b>100</b>             | <b>"</b>           |             | <b>5 Tons</b>      |
|               |              |                        |                    |             |                    |
|               |              |                        |                    |             |                    |
|               |              |                        |                    |             |                    |
|               |              |                        |                    |             |                    |
|               |              |                        |                    |             |                    |
|               |              |                        |                    |             |                    |
|               |              |                        |                    |             |                    |

## 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 |
|-------------------------------------------------------------------------------|------------|----------------|----------|------|------------|-------------------|
|                                                                               |            |                |          |      |            |                   |
| <b>Acidized from 3441-3446 with 3,000 gallons (below packer set at 3424).</b> |            |                |          |      |            |                   |
| <b>Acidized from 3360-3380 with 1,000 gallons (above packer set at 3424).</b> |            |                |          |      |            |                   |
|                                                                               |            |                |          |      |            |                   |
|                                                                               |            |                |          |      |            |                   |
|                                                                               |            |                |          |      |            |                   |
|                                                                               |            |                |          |      |            |                   |
|                                                                               |            |                |          |      |            |                   |
|                                                                               |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from **surface** feet to **3447** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

(Temporary Completion)

DATES

(Final Completion)

**April 6**, 19 **42** Put to producing **August 15**, 19 **42**

The production for the first 24 hours was **120** barrels of fluid of which **100** % was oil; **no** % emulsion; **no** % water; and **no** % sediment. Gravity, °Bé. **37**

If gas well, cu. ft. per 24 hours **none** 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                     |
|-------------|-------------|------------|-------------------------------|
| <b>0</b>    | <b>80</b>   |            | <b>Red sand</b>               |
| <b>80</b>   | <b>310</b>  |            | <b>Sand</b>                   |
| <b>310</b>  | <b>355</b>  |            | <b>Red sand</b>               |
| <b>355</b>  | <b>400</b>  |            | <b>Sand and red rock</b>      |
| <b>400</b>  | <b>450</b>  |            | <b>Sand</b>                   |
| <b>450</b>  | <b>475</b>  |            | <b>Anhydrite</b>              |
| <b>475</b>  | <b>495</b>  |            | <b>Red Rock</b>               |
| <b>495</b>  | <b>527</b>  |            | <b>Anhydrite</b>              |
| <b>527</b>  | <b>540</b>  |            | <b>Salt</b>                   |
| <b>540</b>  | <b>740</b>  |            | <b>Salt</b>                   |
| <b>740</b>  | <b>755</b>  |            | <b>Anhydrite</b>              |
| <b>755</b>  | <b>1115</b> |            | <b>Salt</b>                   |
| <b>1115</b> | <b>1130</b> |            | <b>Anhydrite</b>              |
| <b>1130</b> | <b>1170</b> |            | <b>Salt</b>                   |
| <b>1170</b> | <b>1215</b> |            | <b>Anhydrite and salt</b>     |
| <b>1215</b> | <b>1275</b> |            | <b>Salt</b>                   |
| <b>1275</b> | <b>1315</b> |            | <b>Anhydrite</b>              |
| <b>1315</b> | <b>1320</b> |            | <b>Salt</b>                   |
| <b>1320</b> | <b>1465</b> |            | <b>Anhydrite</b>              |
| <b>1465</b> | <b>1515</b> |            | <b>Red beds</b>               |
| <b>1515</b> | <b>1555</b> |            | <b>Anhydrite and red rock</b> |
| <b>1555</b> | <b>2370</b> |            | <b>Anhydrite</b>              |
| <b>2370</b> | <b>2390</b> |            | <b>Red sand and anhydrite</b> |
| <b>2390</b> | <b>2405</b> |            | <b>Red sand</b>               |
| <b>2405</b> | <b>2660</b> |            | <b>Anhydrite</b>              |

(OVER)

FORMATION RECORD—Continued

| FROM— | TO—  | TOTAL FEET | FORMATION          |
|-------|------|------------|--------------------|
| 2660  | 2668 | 2668       | Sand               |
| 2694  | 2694 | 2694       | Anhydrite          |
| 2705  | 2705 | 2705       | Gray lime          |
| 2720  | 2720 | 2720       | Anhydrite          |
| 2833  | 2833 | 2833       | Gray lime          |
| 2873  | 2873 | 2873       | Lime               |
| 2890  | 2890 | 2890       | Gray lime          |
| 2901  | 2901 | 2901       | Lime               |
| 2909  | 2909 | 2909       | Gray lime          |
| 2925  | 2925 | 2925       | Sandy lime         |
| 3150  | 3150 | 3150       | Lime               |
| 3155  | 3155 | 3155       | Sandy lime         |
| 3362  | 3362 | 3362       | Lime               |
| 3365  | 3365 | 3365       | Hard lime          |
| 3369  | 3369 | 3369       | Brownish soft lime |
| 3383  | 3383 | 3383       | Lime               |
| 3383  | 3383 | 3383       | Hard lime          |
| 3442  | 3442 | 3442       | Soft brownish lime |
| 3447  | 3447 | 3447       | Total depth        |

HISTORY OF OIL OR GAS WELL

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.