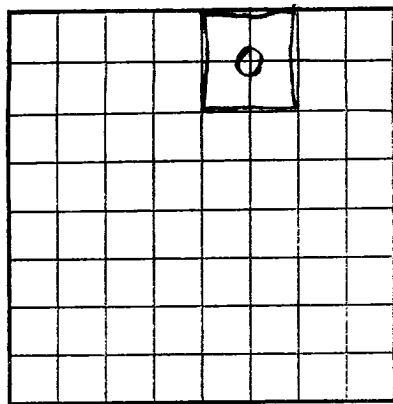


U. S. LAND OFFICE **Las Cruces**

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  
Company **Southern Production Company, Inc.**  
**(Danciger Oil & Refining Company)** Address **P. O. Box 670, Fort Worth, Texas**  
Lessor or Tract **United States** Field **Jackson** State **New Mexico**  
Well No. **B-B** Sec. **20** T. **17S** R. **31E** Meridian **NMPM** County **Eddy**  
Location **660** ft. **{NK}** of **N** Line and **1980** ft. **{NK}** of **E** Line of **Sec. 20, NW NE** Elevation **3671.44'**  
(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 **NOV 14 1951** Signed *M. E. Turner* Title **Agent**

The summary on this page is for the condition of the well at above date.  
Commenced drilling **June 30**, 19**42** Finished drilling **October 10**, 19**42**

**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from **1940-50 G&O** to \_\_\_\_\_ No. 4, from **3172-87 G** to \_\_\_\_\_  
No. 2, from **2802-07 G** to \_\_\_\_\_ No. 5, from **3351-58 Oil** to \_\_\_\_\_  
**2875-84 O&G** to \_\_\_\_\_ No. 6, from **3391-3410 Oil** to \_\_\_\_\_  
No. 3, from **3080-3100 O&G** to \_\_\_\_\_ No. 6, from **3431-34 O&G** to \_\_\_\_\_

**IMPORTANT WATER SANDS**

No. 1, from **440** to \_\_\_\_\_ 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-	
<b>8-1/4"</b>	<b>24#</b>			<b>542</b>					
<b>7"</b>	<b>20#</b>			<b>2802'</b>					

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<b>8-1/4"</b>	<b>542</b>	<b>50</b>	<b>Halliburton</b>		
<b>7"</b>	<b>2802</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>Well was not shot or acidized.</b>						

**TOOLS USED**

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from **surface** feet to **3434** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

Put to producing **October 10**, 19**42**  
The production for the first 24 hours was **270** 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**

**Kersey & Co.**, Driller \_\_\_\_\_, Driller \_\_\_\_\_  
**Artesia, N.M.**, Driller \_\_\_\_\_, Driller \_\_\_\_\_

**FORMATION RECORD**

FROM-	TO-	TOTAL FEET	FORMATION
0	25		Sand
25	160		Sand and red rock
160	320		Red rock
320	365		Gyp and lime
365	410		Gyp and anhydrite
410	440		Anhydrite and red rock
440	460		Anhydrite
460	527		Anhydrite and red bed
527	1270		Salt
1270	1290		Anhydrite
1290	1300		Salt and red rock
1300	1340		Salt and red mud
1340	1475		Anhydrite
1475	1515		Mud, red and sticky
1515	1575		Anhydrite and red bed
1575	1730		Anhydrite and red rock
1730	1940		Anhydrite
1940	1950		Sandy lime, (gas and oil)
1950	2170		Anhydrite
2170	2200		Anhydrite and red rock
2200	2340		Anhydrite
2340	2380		Red sand
2380	2405		Anhydrite
2405	2425		Gray Anhydrite
2425	2450		Anhydrite

FOLD MARK

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 "struck" 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 pipes 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**

FORMATION	TOTAL FEET	TO	FROM
Lime and sandstone	2515	2515	2450
Lime	2575	2575	2515
Andersite and lime	2590	2590	2575
Andersite	2700	2700	2590
Lime (gas)	2807	2807	2700
Lime	2875	2875	2807
Sandy lime (show oil & gas)	2884	2884	2875
Lime	2900	2900	2884
Lime, broken and sandy	2908	2908	2900
Lime	2951	2951	2908
Sandy lime	3080	3080	2951
Lime	3103	3103	3080
Sandy lime	3358	3358	3103
Line	3366	3366	3358
Broken brown lime	3386	3386	3366
Line brownish	3391	3391	3386
Hard lime grey	3399	3399	3391
Grey lime	3416	3416	3399
Brownish grey lime	3422	3422	3416
Hard lime	3423	3423	3422
Medium soft lime	3425	3425	3423
Medium hard lime	3431	3431	3425
Hard lime	3434	3434	3431
Soft porous lime (oil)			3434
Total depth			