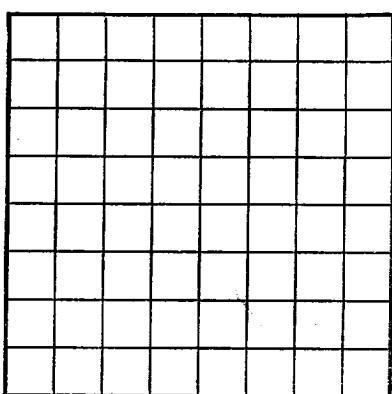


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029395 (b)
LEASE OR PERMIT TO PROSPECT
Mancil E. TurnerUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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. 5-B Sec. 17 T. 17S R. 31E Meridian NMPM County Eddy
Location 1980 ft. {N.} of S. Line and 660 ft. {E.} of W. Line of Sec. 17, NW SW Elevation 3699'
(Derives 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 1942 Title Agent

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

Commenced drilling December 31, 19 41 Finished drilling July 10, 19 42

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1950-1960 to _____ No. 4, from 3343-3350 to _____
No. 2, from 2895-2908 to _____ No. 5, from 3393-3406 to _____
2946-2952 to _____ 3445-3451 to _____
No. 3, from 2970-2980 to _____ No. 6, from _____ to _____
3018-3025

IMPORTANT WATER SANDS

No. 1, from 440 to 465 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>8-5/8"</u>	<u>26#</u>			<u>525</u>					
<u>7" OD</u>	<u>20#</u>			<u>2952</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>525</u>	<u>50</u>	<u>Halliburton</u>		
<u>7"</u>	<u>2952</u>	<u>100</u>	<u>"</u>		<u>5 tons</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
	<u>Acidized with 1000 gallons below packer from 3445 to 3461'.</u>					
	<u>Acidized with 2000 gallons below packer from 3445 to 3461'.</u>					
	<u>Acidized with 1500 gallons above packer from 3343-3406'.</u>					

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3461 feet, and from _____ feet to _____ feet

Temporary Completion

February 27, 1942

DATES

Final Completion

Put to producing July 10, 19 42

The production for the first 24 hours was 130 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % 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, New Mexico, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>65</u>		<u>Sandy shale and gyp</u>
<u>65</u>	<u>90</u>		<u>Sand and gyp</u>
<u>90</u>	<u>175</u>		<u>Red Rock</u>
<u>175</u>	<u>310</u>		<u>Red Rock</u>
<u>310</u>	<u>315</u>		<u>Gyp</u>
<u>315</u>	<u>450</u>		<u>Anhydrite</u>
<u>450</u>	<u>480</u>		<u>Red Rock</u>
<u>480</u>	<u>485</u>		<u>Anhydrite</u>
<u>485</u>	<u>515</u>		<u>Red Rock</u>
<u>515</u>	<u>525</u>		<u>Potash</u>
<u>525</u>	<u>760</u>		<u>Salt</u>
<u>760</u>	<u>780</u>		<u>Anhydrite and Potash</u>
<u>780</u>	<u>1280</u>		<u>Salt</u>
<u>1280</u>	<u>1830</u>		<u>Anhydrite</u>
<u>1830</u>	<u>1865</u>		<u>White Lime</u>
<u>1865</u>	<u>1900</u>		<u>Lime</u>
<u>1900</u>	<u>2365</u>		<u>Anhydrite</u>
<u>2365</u>	<u>2385</u>		<u>Anhydrite and Red Sand</u>
<u>2385</u>	<u>2400</u>		<u>Anhydrite</u>
<u>2400</u>	<u>2410</u>		<u>Brown Lime</u>
<u>2410</u>	<u>2585</u>		<u>Anhydrite</u>
<u>2585</u>	<u>2590</u>		<u>Lime</u>
<u>2590</u>	<u>2720</u>		<u>Anhydrite</u>
<u>2720</u>	<u>2902</u>		<u>Lime</u>
<u>2902</u>	<u>2918</u>		<u>Sandy Lime</u>
<u>2918</u>	<u>2972</u>		<u>Lime</u>

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2972	2980	2980	Sandy lime
3243	3350	3350	Brown lime soft
3350	3355	3355	Hard lime
3355	3370	3370	Lime
3370	3376	3376	Brown soft lime
3376	3380	3380	Lime, brownish
3380	3384	3384	Lime, hard
3384	3393	3393	Lime
3393	3408	3408	Brown lime, soft
3408	3420	3420	Hard lime
3420	3423	3423	Lime
3423	3425	3425	Shale, black, soft
3425	3451	3451	Lime
3451			Total Depth

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 plugs 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

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