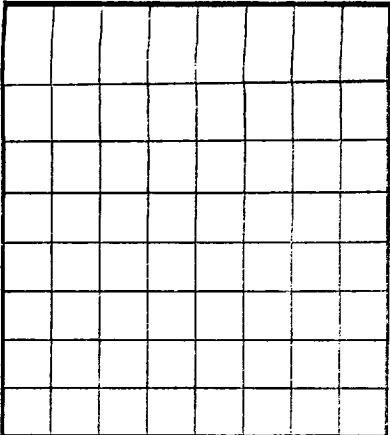


Form 9-330



U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029395 (b)

LEASE OR PERMIT TO PROSPECT _____
Mancil E. Turner

UNITED STATES 30-615-05293
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 Fren State New Mexico
Well No. 21-B Sec. 20 T. 17S R. 31E Meridian N.M.P.M. County Eddy
Location 660 ft. N. of S Line and 1980 ft. E. of E Line of Sec. 20 Elevation 3702.69
(Denote 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 1 1945 Signed [Signature] Title _____ Agent _____

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

Commenced drilling December 6, 1945 Finished drilling January 30, 1946

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2054-58 to _____ No. 4, from _____ to _____
No. 2, from 2074-78 to _____ No. 5, from _____ to _____
No. 3, from 2108-14 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

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>28</u>	<u>8 Rd.</u>	<u>Pittsburg</u>	<u>592'</u>	<u>Common</u>	<u>None pulled</u>			
<u>7</u>	<u>20</u>	<u>8 Rd.</u>	<u>"</u>	<u>2039'</u>	<u>Guide</u>	<u>" "</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>592</u>	<u>50</u>	<u>Halliburton</u>		
<u>7</u>	<u>2039</u>	<u>100</u>	<u>"</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>5"</u>	<u>Nitro Glycerine</u>	<u>264 qts.</u>	<u>1/30</u>	<u>2054-2120</u>	

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2139 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing Feb. 9, 1946

The production for the first 24 hours was 80 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 36

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Kersey & Company, Driller _____, Driller _____
_____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>75</u>		<u>Sand</u>
<u>75</u>	<u>365</u>		<u>Red bed</u>
<u>365</u>	<u>455</u>		<u>Anhydrite</u>
<u>455</u>	<u>470</u>		<u>Redbed & shale</u>
<u>470</u>	<u>480</u>		<u>Water sand</u>
<u>480</u>	<u>500</u>		<u>Red bed</u>
<u>500</u>	<u>535</u>		<u>Anhydrite</u>
<u>535</u>	<u>1365</u>		<u>Salt</u>
<u>1365</u>	<u>1445</u>		<u>Anhy. & red shale</u>
<u>1445</u>	<u>1560</u>		<u>Anhydrite</u>
<u>1560</u>	<u>1610</u>		<u>Sandy shale</u>
<u>1610</u>	<u>1660</u>		<u>Anhy. & red shale</u>
<u>1660</u>	<u>1715</u>		<u>Anhydrite</u>
<u>1715</u>	<u>1780</u>		<u>Anhy. & shale</u>
<u>1780</u>	<u>1820</u>		<u>Anhydrite</u>
<u>1820</u>	<u>1880</u>		<u>Anhy. & red shale</u>
<u>1880</u>	<u>2109</u>		<u>Anhydrite</u>
<u>2109</u>	<u>2117</u>		<u>Sand</u>
<u>2117</u>	<u>2139</u>		<u>Anhydrite</u>

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.

1-76095-91