

Form 9-330

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 029395 (b)

LEASE OR PERMIT TO PROSPECT

Mancil E. Turner

UNITED STATES 30-015-05285

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Southern Production Company, Inc.

Company (Dancinger Oil & Refining Company) Address P. O. Box 670, Fort Worth, Texas

Lessor or Tract Mancil E. Turner "B" Field Jackson State New Mexico

Well No. 13-B Sec. 20 T. 17S R. 31E Meridian NMPM County Eddy

Location 660 ft. N of S Line and 660 ft. E of W Line of Sec. 20 Elevation 3627.68
(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 May 28 Title Agent

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

Commenced drilling May 28, 1944 Finished drilling August 9, 1944

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1965-70 G to _____ No. 4, from _____ to _____
No. 2, from 1985-91 to _____ No. 5, from _____ to _____
No. 3, from 2021-28 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 foot	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
7" OD	20#	10	Pittsburg.	534'	Larkin	None pulled			
5 1/2" OD	14#	8	"	1891'	"	" "			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7" OD	534'	50	Halliburton		
5 1/2" OD	1891'	100	"		

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
2 1/2" to 4"		Nitroglycerin	145 qts.	8/12	1960-75	
					1975-80	
					1980-95	
					1995-2015	

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing August 13, 1944

The production for the first 24 hours was 91 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 4000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 700#

EMPLOYEES

Kersey & Company, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50		Red clay
50	240		Red bed
240	265		Anhy.
265	460		Anhy. & red rock
460	1260		Salt
1260	1460		Anhy.
1460	1630		Anhy. & red bed
1630	1680		Anhy. & shale
1680	1730		Anhy. & red rock
1730	1785		Anhy. & shale
1785	1891		Anhy.
1891	1892		Fine whole lime, hard
1892	1904		White lime
1904	1930		Lime shells & anhy.
1930	1932		Brownish lime
1932	1935		Anhy.
1935	1943		Lime, medium firm
1943	1952		Hard white anhy. & lime shells
1952	1965		White anhy.
1965	1970		Brown lime
1970	1977		White anhy. & lime shells
1977	1985		Anhy. & lime shells
1985	1991		Brown sandy lime, oil pay
1991	1997		Coarse rotten anhy.
1997	2005		Anhy.
2005	2015		Anhy. with little blue shale

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 hauling.

1B-43094-1 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
2015 2021 2028 2031 2045	2020 2028 2031 2045 2051		Roten white any. Brown sandy lime any. Gray lime and any. Broken any. & shale Total depth