Budget Bureau No. 42-R355.
Approval expires 11-30-46.

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029395 (b)
LEASE OR PERMIT TO PROSPECT Mancil E. Turner

RECEIVED

U. S. GEOLOGICAL SURVEY
Denver, Colorado

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GEOLOGICAL SURVEY RECEIVED JAN 4 1946 ROSWELL, NEW MEXICO

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Danciger Oil & Refining Company Address W. T. Waggoner Bldg. Fort Worth, Texas

Lessor or Tract U. S. A. Field Premier State New Mexico

Well No. 20-B Sec. 20 T. 17S R. 31E Meridian N. M. P. M. County Eddy

Location 760 ft. {N.} of S Line and 660 ft. {W.} of E Line of Section 20 Elevation 3750.89
(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 December 28, 1945 Title Asst. Secretary

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

Commenced drilling October 13, 19 45 Finished drilling November 23, 19 45

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2100 to 2105 No. 4, from to

No. 2, from 2130 to 2134 No. 5, from to

No. 3, from 2155 to 2160 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 From—	Perforated To—	Purpose
8-5/8"	24#	10	Pittsburg	568'	common	None			
7"	20#	8	"	2075'	Guide	"			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	568'	50	Halliburton		
7"	2075'	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
5"		Liquid Glycerin	250 qts.	12/7/45	2100-2160	

TOOLS USED

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

Cable tools were used from 0 feet to 2184 feet, and from feet to feet

DATES

, 19 Put to producing December 20, 19 45

The production for the first 24 hours was 55 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, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100		Sand
100	310		Red Beds
310	455		Anhydrite
455	520		Red Beds
520	1255		Salt
1255	1285		Gyp
1285	1360		Gyp and Salt
1360	1410		Salt
1410	1430		Anhydrite
1430	1475		Anhydrite and Shale
1475	1495		Anhydrite and Red Beds
1495	1515		Anhydrite
1515	1585		"
1585	1615		Anhydrite and Gray Shale
1615	1625		Red Beds
1625	1710		Anhydrite and Red Beds
1710	2097		Anhydrite
2097	2110		Anhydrite and a little Sand, show of Gas
2110	2119		Anhydrite
2119	2130		Anhydrite and brown Sand
2130	2150		Anhydrite
2150	2162		Anhydrite and Sand
2162	2184		Anhydrite, T. D.

GEOLOGICAL SURVEY RECEIVED Artesia, New Mexico

(OVER)

FOLD MARK

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

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.