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LEASE OR PERMIT TO PROSPECT

U. S. GEOLOGICAL SURVEY UNITED STATES

Denver, Colorado

DECLARATION OF THE INTEREST

GEOLOGICAL SURVEY

SUPPLEMENTAL REPORT

RECEIVED
JAN 21 1946
BIOLOGICAL SURVEY
ROSWELL, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Sanders Brothers Address Box 746, Artesia, New Mexico
Lessor or Tract Leonard Field Square Lake State New Mexico
Well No. E-1 Sec. 33 T. 16S R. 30 E Meridian N.M.P.M. County Eddy
Location 660 ft. N. $\frac{1}{4}$ of S Line and 660 ft. E $\frac{1}{4}$ of E Line of Sec. 33 Elevation 3727

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: Harriet Warner

Date January 11, 1946

Title **Bookkeeper**

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

Commenced drilling Dec. 4 1945 Finished drilling December 9 1945

OIL OR GAS SANDS OR ZONES

(Denote area by $\mathcal{O}$)

(Denote gas by G)

No. 1, from <u>3063</u> to <u>3146</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

[illegible]

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
	3 1/2"	Nitro	100 lbs	12-11-45	3063-3114	
	4"	"	80 lbs	"	3114-3143	

TOOLS USED

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

Cable tools were used from 3114 feet to 3146 feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing ----- **January 8** -----, 19**46**

The production for the first 24 hours was 16 barrels of fluid of which 100 % was oil; 0 % emulsion; % water; and % sediment. Gravity. °Bé.

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

H. J. Whitaker Driller Floyd Willis Driller
M. L. Tremblay Driller Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3114	3146	32	Lime

A rectangular stamp from the Geological Survey. The text "GEOLOGICAL SURVEY" is at the top. Below it, "RECEIVED" is written in large, bold letters. Underneath that is the date "JAN 11 1916". At the bottom of the stamp is "Artesia, New Mexico".

**GEOLOGICAL SURVEY
RECEIVED
JAN 11 1946
Artesia, New Mexico**

FORMATION RECORD—Continued