

U. S. LAND OFFICE Los Cruces
SERIAL NUMBER 060545
LEASE OR PERMIT TO PROSPECT _____

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ARTS & CRAFTS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U.S. GEOLOGICAL SURVEY
 JAN 5 1946
 BOWELL, NEW MEXICO

Deepening Well
LOG OF OIL OR GAS WELL

30-015-04945

LOCATE WELL CORRECTLY

Company Nay Hightower Address 212 Ward Bldg. Artesia, N.M.
Lessor or Tract Grier Field Square Lake State New Mexico
Well No. 4x Sec. 31 T. 16^SR. 31^E Meridian N.M.P.M. County Eddy
Location 2980^{ft.}_{N.} of XXXXX line and 3330^{ft.}_{E.} of XXXXX Line of Sec. 31 Elevation _____
(Describe 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 Ray, Righelosi
Title owner

Date 12/28/45

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

Commenced drilling Oct. 23, 1945, 19____ Finished drilling Nov. 27, 1945, 19____

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

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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
	5"	nitroglycerin	90 qts	11/27	3270 3250-70	3270

TOOLS USED

Rotary tools were used from ~~3132~~ feet to ~~3270~~ feet, and from _____ feet to _____ feet
Cable tools were used from ~~3132~~ feet to ~~3270~~ feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing Dec. 10, 1945 19 _____

The production for the first 24 hours was 27 barrels of fluid of which 100 % was oil; ----- % 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

-----, Driller
J. D. Wakler -----, Driller
 -----, Driller
 -----, Driller
Frank Leonard -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3132	3136	4	red shale
3136	3145	9	pink lime
3145	3152	7	pink lime
3152	3179	27	white lime
3179	3183	4	grey lime
3183	3225	42	white lime
3225	3241	16	brown lime
3241	3256	15	grey lime streaks of bentonite
3256	3262	6	brown lime
3262	3270	8	sandy lime

(OVER)

(OVER)

FORMATION RECORD-Continued

8-6745

