

COPY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER XXXX 049947

LEASE OR PERMIT TO PROSPECT _____

UNITED STATES Martin Yates, III

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Yates et al. Address Artesia, New Mexico

Lessor or Tract _____ Field Loco Hills State New Mexico

Well No. 3-A Sec. 6 T. 18 R. 30 Meridian N.M.P.M. County Eddy

Location 1650ft. ~~1000~~ of N Line and 1650ft. ~~1000~~ of E Line of Sec. 6 Elevation _____
(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 _____

Date December 13th, 1939 Title Agent

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

Commenced drilling October 5th, 1939 Finished drilling November 10th, 1939

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2815 to 2845 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ 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—	
8 1/2" casing				456'		50 sacks of cement			
7" on casing				2705'		100 sacks of cement			5 tons mud

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
Shot well from 2805 to 2845 with 175 quarts of nitro-glycerin, work done November 9, 1939 by the New Mexico Glycerin Company, Artesia, New Mex						

TOOLS USED

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

Cable tools were used from 0 feet to 284.5 feet, and from _____ feet to _____ feet.

DATES

Put to producing November 11th, 19

The production for the first 24 hours was 125 barrels of fluid of which 100 % was oil; -----
emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. 38°

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Carl Byler _____, Driller Alfred Gooley _____, Drift

A. E. Maxwell _____ Driller _____ Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	105		Sand
105	130		Gravel
130	140		Sand shale
140	165		Gravel
165	255		Red sand
255	280		Red shale
280	305		Gyp
305	320		Anhyd.
320	330		Sand
330	440		Red shale
440	565		Salt
565	705		Salt and potash
705	760		Salt
760	770		Anhyd.
770	830		Salt
830	915		Salt and potash
915	955		salt
955	980		Anhyd.
980	1045		Salt
1045	1120		Salt and potash
1120	1130		Salt
1130	1315		Anhyd.
1315	1360		Anhyd. and red shale
1360	1400		Anhyd. and shale
1400	1590		Anhyd. and red shale

