

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 057798

LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company PATON BROTHERS Address Box 667, Artesia, New Mexico

Lessor or Tract Magruder Field Empire State New Mexico

Well No. 7 Sec. 35 T. 17S R. 27E Meridian NMPM County Eddy

Location 2310 ft. N of S Line and 930 ft. XX of E Line of NW NE SE Elevation 3635
(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 June 5, 1947 Title PARTNER

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

Commenced drilling April 18, 1947 Finished drilling May 28 1947

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 450' to 455'	No. 4, from 1222' to 1235'
No. 2, from 470' to 475'	No. 5, from 1370' to 1376'
No. 3, from 1195' to 1209'	No. 6, from 1630' to 1695'

IMPORTANT WATER SANDS

No. 1, from 570' to 575' No. 3, from 929' to 954'

No. 2, from 734' to 745' 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"	28lb	8		815'	Texas Pattern	Pulled 8"			

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
	Nitro Glycerin (Silitified)		220 qts	5-26	1630-95	Bottom

TOOLS USED

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

Cable tools were used from 0 feet to 1705 feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing June 3, 1947

The production for the first 24 hours was 50 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

EMPLOYEES

<u>L. H. Tennant</u>, Driller	<u>K. R. Swanberg</u>, Driller
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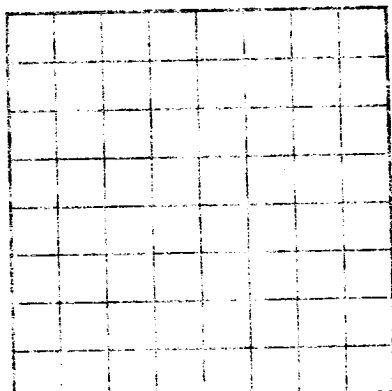
A. E. Lycette, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	30	30	Red rock & Caliche
30	76	46	Gyp, Red Bed
76	145	69	Anhydrite
145	205	60	Gyp, Red bed
205	260	55	Red rock & anhydrite
260	320	60	Anhydrite
320	325	5	Red rock
325	450	125	Anhydrite
450	455	5	Brown Lime
455	470	15	Anhydrite
470	475	5	Brown Lime
475	519	44	Anhydrite
519	570	51	Lime
570	595	25	Anhydrite
595	625	30	Lime
625	734	109	Anhydrite
734	745	11	Red sand
745	755	10	Brown sandy shale
755	760	5	Red rock
760	774	14	Anhydrite
774	783	9	Red bed
783	881	98	Anhydrite
881	886	5	Blue shale
886	1100	214	Anhydrite
1100	1114	14	Brown Lime

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



Company _____
Address _____
Location of well _____
Section _____ Township _____ Range _____
County _____ State _____
Elevation _____
The formation 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.

Date _____
Title _____
The information on this page is for the condition of the well as above dated _____
Completed drilling _____ Finished drilling _____

OIL OR GAS SANDS OR ZONES

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPREGNANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

SAVING RECORD

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 "backchecked" 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.

HISTORY OF OIL OR GAS WELL

FORMATION	TO	TOTAL FEET	FORMATION
1114	1125	11	Blue shale and gyp
1125	1175	50	Anhydrite
1175	1195	20	Lime
1195	1209	14	Anhydrite & sand
1209	1222	13	Anhydrite
1222	1235	13	Broken lime
1235	1259	24	Lime
1259	1283	24	Anhydrite
1283	1295	12	Brown lime
1295	1336	41	Pink lime
1336	1398	62	Lime
1398	1403	5	Red shale
1403	1418	15	Brown lime
1418	1436	18	Broken shale and anhydrite
1436	1630	194	Lime
1630	1635	5	Sandy lime
1635	1647	9	Sand
1647	1663	16	Lime
1663	1668	5	Sand
1668	1695	27	Lime
1695	1705	10	Pink lime
TOTAL DEPTH 1705'			

FORMATION RECORD—Continued