

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 060894
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 Et Al Address Box 667, Artesia, New Mexico
Lessor or Tract Fred Brainard Field Empire (Ext) State New Mexico
Well No. 1 Sec. 6 T. 18S R. 27E Meridian N.M.P.M. County Eddy
Location 1650 ft. XX of N Line and 2310 ft. XX of W Line of NE $\frac{1}{4}$, SE $\frac{1}{4}$, NW $\frac{1}{4}$ Elevation 3424
(Derive foot relation 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 /s/ H. R. Paton

Date December 29, 1947

Title Partner

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

Commenced drilling August 14, 1947 Finished drilling December 17, 1947

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from	585'	to	595'	No. 4, from	1550'	to	1554'
No. 2, from	685'	to	697'	No. 5, from	1820'	to	1835'
No. 3, from	1470'	to	1475'	No. 6, from		to	

IMPORTANT WATER SANDS

No. 1, from 140' to 145' No. 3, from 980' to 985'
No. 2, from 725' to 730' No. 4, from 1975' to 1982'

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	1444'	50 sacks	Halliburton		3 sacks of aquagol

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----
Adapters—Material ----- Size -----

SHOOTING RECORD

[illegible]

TOOLS USED

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

Cable tools were used from 0 feet to 1982 feet, and from _____ feet to _____ feet.

DATES

Put to producing December 29, 19 47

The production for the first 24 hours was 10 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 _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Gyp
100	118	18	Anhydrite
118	130	12	Lime
130	145	15	Gray lime
145	330	185	Anhydrite
330	345	15	Red Sand
345	415	70	Broken anhydrite
415	445	30	Anhydrite
445	450	5	Red Bed
450	600	150	Anhydrite
600	612	12	Sand
612	620	8	Red Sand
620	625	5	Red Bed
625	725	100	Anhydrite
725	730	5	Water Sand
730	825	95	Anhydrite
825	840	15	Red Sand
840	975	135	Anhydrite
975	980	5	Red Bed
980	988	8	Red Sand
988	1007	19	Lime
1007	1025	18	Anhydrite
1025	1051	26	Lime
1051	1055	4	Sand
1055	1072	17	Lime
1072	1084	12	Sand

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1084	1125	41	Lime
115	1155	30	Anhydrite & Sandy Lime
1185	1185	30	Broken Anhydrite
1285	1292	7	Sandy Lime
1292	1466	174	Lime
1466	1475	9	Gray Lime
1475	1519	44	Lime
1519	1525	6	Gray Lime
1525	1537	12	Brown Lime
1537	1600	63	Lime
1600	1613	13	Brown Lime
1613	1638	25	Lime
1638	1661	23	Brown Lime
1661	1773	112	Black Lime
1773	1795	22	Brown Lime
1795	1800	5	Sand
1800	1811	11	Brown Lime
1811	1820	9	Gray Lime
1820	1839	19	Lime
1839	1875	36	Gray Lime
1875	1831	6	Sandy Lime
1831	1921	40	Brown Lime
1921	1929	8	Gray Lime
1929	1950	21	Brown Lime
1950	1950	32	Lime

TOTAL DEPTH

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.

HISTORY OF OIL OR GAS WELL

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