

U. S. LAND OFFICE LC
SERIAL NUMBER 068440
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company J. M. Rector III Address El Paso, Texas
Lessor or Tract _____ Field Jedarr Hills State New Mexico
Well No. 2 Sec. 8 T. 21S R. 27E Meridian N.M.P.M. County Eddy
Location 330 ft. N. of _____ Line and 220 ft. E. of _____ Line of 8 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 _____ Title Agent
Date July 3, 1953

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

Commenced drilling Sept Nov. 12, 1952 Finished drilling December 21, 1952

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

No. 1, from _____ to _____ 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—	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

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

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 600 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% 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	20	20	Caliche
20	26	6	Lime
26	49	23	Gravel
49	90	41	Red Bed
90	100	10	Red Bed and Anhy
100	190	90	Red Bed and Gravel
190	225	35	Jip and Gravel
225	240	15	Jip and Anhy
240	270	30	Anhy
270	320	50	Lime
320	332	12	Lime Clay and Shale
332	350	18	Tan Lime and a little shale
350	395	45	Lime Powder - very hard
395	410	15	Lime Shale and Clay
410	415	5	Gray Lime
415	431	6	Lime Shale and Clay
431	441	10	Brown Lime
441	450	9	Sandy Lime
450	475	25	Sand
475	501	26	Lime
501	503	2	Red Bed
503	530	27	Lime
530	540	10	Sandy Lime
540	551	11	Sand
551	600	49	Sand and Lime

U. S. LAND OFFICE
BUREAU OF REVENUE
LAND ON LEASE TO PROSPECT

UNITED STATES
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GEOLOGICAL SURVEY

LOG ON OIL OR GAS WELL

1. Name of well, including location, and name of owner or lessee.
2. Name of driller or operator.
3. Date of completion.
4. Depth of well, in feet.
5. Direction of dip, and amount.
6. Nature of rock formations penetrated, and their thickness in feet.
7. Nature of fluids encountered, and their temperature.
8. Nature of gas encountered, and its composition.
9. Nature of water encountered, and its composition.
10. Nature of sand encountered, and its composition.
11. Nature of clay encountered, and its composition.
12. Nature of shale encountered, and its composition.
13. Nature of limestone encountered, and its composition.
14. Nature of granite encountered, and its composition.
15. Nature of other rocks encountered, and their composition.

16. Nature of sand encountered, and its composition.
17. Nature of clay encountered, and its composition.
18. Nature of shale encountered, and its composition.
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20. Nature of granite encountered, and its composition.
21. Nature of other rocks encountered, and their composition.
22. Nature of sand encountered, and its composition.
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28. Nature of sand encountered, and its composition.
29. Nature of clay encountered, and its composition.
30. Nature of shale encountered, and its composition.
31. Nature of limestone encountered, and its composition.
32. Nature of granite encountered, and its composition.
33. Nature of other rocks encountered, and their composition.

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, 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

DATE	DESCRIPTION OF WORK	DEPTH OF WELL, FEET	TEMPERATURE OF FLUIDS, DEGREES F.	COMPOSITION OF GAS	COMPOSITION OF WATER	COMPOSITION OF SAND	COMPOSITION OF CLAY	COMPOSITION OF SHALE	COMPOSITION OF LIMESTONE	COMPOSITION OF GRANITE	COMPOSITION OF OTHER ROCKS
1912	Drilled to 100 feet	100	60	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1913	Drilled to 200 feet	200	70	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1914	Drilled to 300 feet	300	80	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1915	Drilled to 400 feet	400	90	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1916	Drilled to 500 feet	500	100	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1917	Drilled to 600 feet	600	110	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1918	Drilled to 700 feet	700	120	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1919	Drilled to 800 feet	800	130	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1920	Drilled to 900 feet	900	140	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1921	Drilled to 1000 feet	1000	150	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1922	Drilled to 1100 feet	1100	160	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1923	Drilled to 1200 feet	1200	170	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1924	Drilled to 1300 feet	1300	180	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1925	Drilled to 1400 feet	1400	190	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1926	Drilled to 1500 feet	1500	200	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1927	Drilled to 1600 feet	1600	210	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1928	Drilled to 1700 feet	1700	220	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1929	Drilled to 1800 feet	1800	230	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1930	Drilled to 1900 feet	1900	240	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1931	Drilled to 2000 feet	2000	250	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1932	Drilled to 2100 feet	2100	260	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1933	Drilled to 2200 feet	2200	270	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1934	Drilled to 2300 feet	2300	280	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1935	Drilled to 2400 feet	2400	290	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1936	Drilled to 2500 feet	2500	300	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1937	Drilled to 2600 feet	2600	310	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1938	Drilled to 2700 feet	2700	320	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1939	Drilled to 2800 feet	2800	330	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1940	Drilled to 2900 feet	2900	340	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1941	Drilled to 3000 feet	3000	350	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1942	Drilled to 3100 feet	3100	360	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1943	Drilled to 3200 feet	3200	370	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1944	Drilled to 3300 feet	3300	380	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1945	Drilled to 3400 feet	3400	390	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1946	Drilled to 3500 feet	3500	400	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1947	Drilled to 3600 feet	3600	410	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1948	Drilled to 3700 feet	3700	420	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1949	Drilled to 3800 feet	3800	430	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1950	Drilled to 3900 feet	3900	440	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1951	Drilled to 4000 feet	4000	450	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1952	Drilled to 4100 feet	4100	460	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1953	Drilled to 4200 feet	4200	470	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1954	Drilled to 4300 feet	4300	480	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1955	Drilled to 4400 feet	4400	490	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1956	Drilled to 4500 feet	4500	500	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1957	Drilled to 4600 feet	4600	510	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1958	Drilled to 4700 feet	4700	520	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1959	Drilled to 4800 feet	4800	530	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1960	Drilled to 4900 feet	4900	540	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1961	Drilled to 5000 feet	5000	550	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1962	Drilled to 5100 feet	5100	560	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1963	Drilled to 5200 feet	5200	570	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1964	Drilled to 5300 feet	5300	580	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1965	Drilled to 5400 feet	5400	590	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1966	Drilled to 5500 feet	5500	600	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1967	Drilled to 5600 feet	5600	610	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1968	Drilled to 5700 feet	5700	620	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1969	Drilled to 5800 feet	5800	630	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1970	Drilled to 5900 feet	5900	640	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1971	Drilled to 6000 feet	6000	650	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1972	Drilled to 6100 feet	6100	660	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1973	Drilled to 6200 feet	6200	670	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1974	Drilled to 6300 feet	6300	680	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1975	Drilled to 6400 feet	6400	690	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1976	Drilled to 6500 feet	6500	700	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1977	Drilled to 6600 feet	6600	710	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1978	Drilled to 6700 feet	6700	720	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1979	Drilled to 6800 feet	6800	730	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1980	Drilled to 6900 feet	6900	740	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1981	Drilled to 7000 feet	7000	750	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
1982	Drilled to 7100 feet	7100	760	CH ₄	H ₂ O	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaCO ₃	Si	Al
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