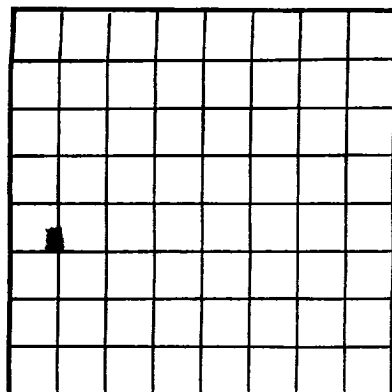


n.m. oil consented
Hut

Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

Form 9-630

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **NM 1096**
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sun Oil Company Address Box 2792, Odessa, Tex. 49
Lessor or Tract Phonon Unit Field Wildcat State New Mexico
Well No. 1 Sec. 19 T. 19S R. 17E Meridian Chaves
Location 2031.0 N. of N Line and 1987.2 E. of W Line of Sec. 19 Elevation 6546
(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.

Date 2-11-52 Signed O. S. Wright Title Superintendent

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

Commenced drilling 5-30, 1951 Finished drilling 11-2, 1951

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

No. 1, from None 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 None 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—	
16"	65	8	J & L	112	-	-	-	-	-
10 3/4"	47.5	8	J & L	1492	-	-	-	-	-
HISTORY OF OIL OR GAS CEMENT									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16"	142	Was not cemented			
10 3/4"	1692	Was not cemented			

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 1911 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

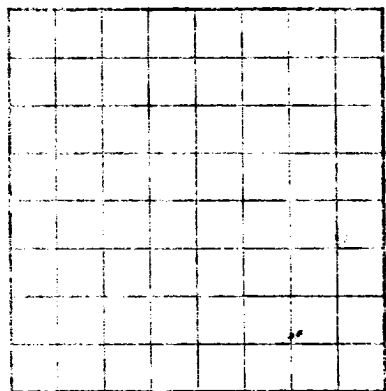
J. M. Gribble, Driller _____, Driller
Jim Hammond, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30		Line Rock
30	40		Line Gravel
40	175		Line
175	180		Sand & Line
180	185		Line
185	195		Sand & yellow shale
195	215		Sand yellow
215	255		Line
255	265		Line sand
265	275		Sand & shale
275	285		Line shale
285	320		Yellow clay
320	343		Blue sandy shale
343	653		Line
653	685		Line, shale
685	695		Black shale
695	855		Line
855	864		Sand & gravel
864	865		Gravel, yellow clay
865	880		Sand, gravel & red shale
880	1235		Line
1235	1340		Shale
1340	1375		Line
1375	1415		Shale & Gyp
1415	1445		Line
1445	1450		Red shale & sand

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



LOCATE WELL CORRECTLY

Company _____
Address _____
State _____
County _____
Location of well _____
The information given here 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 _____

The summary on this page is for the condition of the well at the date _____
Commenced drilling _____

OIL OR GAS SANDS OR ZONES

No. 1 from _____
No. 2 from _____
No. 3 from _____
No. 4 from _____
No. 5 from _____
No. 6 from _____
No. 7 from _____
No. 8 from _____
No. 9 from _____
No. 10 from _____
No. 11 from _____
No. 12 from _____
No. 13 from _____
No. 14 from _____
No. 15 from _____
No. 16 from _____
No. 17 from _____
No. 18 from _____
No. 19 from _____
No. 20 from _____
No. 21 from _____
No. 22 from _____
No. 23 from _____
No. 24 from _____
No. 25 from _____
No. 26 from _____
No. 27 from _____
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No. 30 from _____
No. 31 from _____
No. 32 from _____
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No. 38 from _____
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No. 53 from _____
No. 54 from _____
No. 55 from _____
No. 56 from _____
No. 57 from _____
No. 58 from _____
No. 59 from _____
No. 60 from _____
No. 61 from _____
No. 62 from _____
No. 63 from _____
No. 64 from _____
No. 65 from _____
No. 66 from _____
No. 67 from _____
No. 68 from _____
No. 69 from _____
No. 70 from _____
No. 71 from _____
No. 72 from _____
No. 73 from _____
No. 74 from _____
No. 75 from _____
No. 76 from _____
No. 77 from _____
No. 78 from _____
No. 79 from _____
No. 80 from _____
No. 81 from _____
No. 82 from _____
No. 83 from _____
No. 84 from _____
No. 85 from _____
No. 86 from _____
No. 87 from _____
No. 88 from _____
No. 89 from _____
No. 90 from _____
No. 91 from _____
No. 92 from _____
No. 93 from _____
No. 94 from _____
No. 95 from _____
No. 96 from _____
No. 97 from _____
No. 98 from _____
No. 99 from _____
No. 100 from _____

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 "blacked", 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

FROM	TO	TOTAL FEET	FORMATION
1696	1697	1	Shale
1697	1698	1	Shale
1698	1699	1	Shale
1699	1700	1	Shale
1700	1701	1	Shale
1701	1702	1	Shale
1702	1703	1	Shale
1703	1704	1	Shale
1704	1705	1	Shale
1705	1706	1	Shale
1706	1707	1	Shale
1707	1708	1	Shale
1708	1709	1	Shale
1709	1710	1	Shale
1710	1711	1	Shale
1711	1712	1	Shale
1712	1713	1	Shale
1713	1714	1	Shale
1714	1715	1	Shale
1715	1716	1	Shale
1716	1717	1	Shale
1717	1718	1	Shale
1718	1719	1	Shale
1719	1720	1	Shale
1720	1721	1	Shale
1721	1722	1	Shale
1722	1723	1	Shale
1723	1724	1	Shale
1724	1725	1	Shale
1725	1726	1	Shale
1726	1727	1	Shale
1727	1728	1	Shale
1728	1729	1	Shale
1729	1730	1	Shale
1730	1731	1	Shale
1731	1732	1	Shale
1732	1733	1	Shale
1733	1734	1	Shale
1734	1735	1	Shale
1735	1736	1	Shale
1736	1737	1	Shale
1737	1738	1	Shale
1738	1739	1	Shale
1739	1740	1	Shale
1740	1741	1	Shale
1741	1742	1	Shale
1742	1743	1	Shale
1743	1744	1	Shale
1744	1745	1	Shale
1745	1746	1	Shale
1746	1747	1	Shale
1747	1748	1	Shale
1748	1749	1	Shale
1749	1750	1	Shale
1750	1751	1	Shale
1751	1752	1	Shale
1752	1753	1	Shale
1753	1754	1	Shale
1754	1755	1	Shale
1755	1756	1	Shale
1756	1757	1	Shale
1757	1758	1	Shale
1758	1759	1	Shale
1759	1760	1	Shale
1760	1761	1	Shale
1761	1762	1	Shale
1762	1763	1	Shale
1763	1764	1	Shale
1764	1765	1	Shale
1765	1766	1	Shale
1766	1767	1	Shale
1767	1768	1	Shale
1768	1769	1	Shale
1769	1770	1	Shale
1770	1771	1	Shale
1771	1772	1	Shale
1772	1773	1	Shale
1773	1774	1	Shale
1774	1775	1	Shale
1775	1776	1	Shale
1776	1777	1	Shale
1777	1778	1	Shale
1778	1779	1	Shale
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1780	1781	1	Shale
1781	1782	1	Shale
1782	1783	1	Shale
1783	1784	1	Shale
1784	1785	1	Shale
1785	1786	1	Shale
1786	1787	1	Shale
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1788	1789	1	Shale
1789	1790	1	Shale
1790	1791	1	Shale
1791	1792	1	Shale
1792	1793	1	Shale
1793	1794	1	Shale
1794	1795	1	Shale
1795	1796	1	Shale
1796	1797	1	Shale
1797	1798	1	Shale
1798	1799	1	Shale
1799	1800	1	Shale
1800	1801	1	Shale
1801	1802	1	Shale
1802	1803	1	Shale
1803	1804	1	Shale
1804	1805	1	Shale
1805	1806	1	Shale
1806	1807	1	Shale
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1810	1811	1	Shale
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1818	1819	1	Shale
1819	1820	1	Shale
1820	1821	1	Shale
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1849	1850	1	Shale
1850	1851	1	Shale
1851	1852	1	Shale
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1860	1861	1	Shale
1861	1862	1	Shale
1862	1863	1	Shale
1863	1864	1	Shale
1864	1865	1	Shale
1865	1866	1	Shale
1866	1867	1	Shale
1867	1868	1	Shale
1868	1869	1	Shale
1869	1870	1	Shale
1870	1871	1	Shale
1871	1872	1	Shale
1872	1873	1	Shale
1873	1874	1	Shale
1874	1875	1	Shale
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1877	1878	1	Shale
1878	1879	1	Shale
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1891	1892	1	Shale
1892	1893	1	Shale
1893	1894	1	Shale
1894	1895	1	Shale
1895	1896	1	Shale
1896	1897	1	Shale
1897	1898	1	Shale
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1899	1900	1	Shale
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1909	1910	1	Shale
1910	1911	1	Shale
1911	1912	1	Shale
1912	1913	1	Shale
1913	1914	1	Shale
1914	1915	1	Shale
1915	1916	1	Shale
1916	1917	1	Shale
1917	1918	1	Shale
1918	1919	1	Shale
1919	1920	1	Shale
1920	1921	1	Shale
1921	1922	1	Shale
1922	1923	1	Shale
1923	1924	1	Shale
1924	1925	1	Shale
1925	1926	1	Shale
1926	1927	1	Shale
1927	1928	1	Shale
1928	1929	1	Shale
1929	1930	1	Shale
1930	1931	1	Shale
1931	1932	1	Shale
1932	1933	1	Shale
1933	1934	1	Shale
1934	1935	1	Shale
1935	1936	1	Shale
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1937	1938	1	Shale
1938	1939	1	Shale
1939	1940	1	Shale
1940	1941	1	Shale
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1942	1943	1	Shale
1943	1944	1	Shale
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1945	1946	1	Shale
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1948	1949	1	Shale
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1950	1951	1	Shale
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1952	1953	1	Shale
1953	1954	1	Shale
1954	1955	1	Shale
1955	1956	1	Shale
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1957	1958	1	Shale
1958	1959	1	Shale
1959	1960	1	Shale
1960	1961	1	Shale
1961	1962	1	Shale
1962	1963	1	Shale
1963	1964	1	Shale
1964	1965	1	Shale
1965	1966	1	Shale
1966	1967	1	Shale
1967	1968	1	Shale
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1970	1971	1	Shale
1971	1972	1	Shale
1972	1973	1	Shale
1973	1974	1	Shale
1974	1975	1	Shale
1975	1976	1	Shale
1976	1977	1	Shale
1977	1978	1	Shale
1978	1979	1	Shale
1979	1980	1	Shale
1980	1981	1	Shale
1981	1982	1	Shale
1982	1983	1	Shale
1983	1984	1	Shale
1984	1985	1	Shale
1985	1986	1	Shale
1986	1987	1	Shale
1987	1988	1	Shale
1988	1989	1	Shale
1989	1990	1	Shale
1990	1991	1	Shale
1991	1992	1	Shale
1992	1993	1	Shale
1993	1994	1	Shale
1994	1995	1	Shale
1995	1996	1	Shale
1996	1997	1	Shale
1997	1998	1	Shale
1998	1999	1	Shale
1999	2000	1	Shale