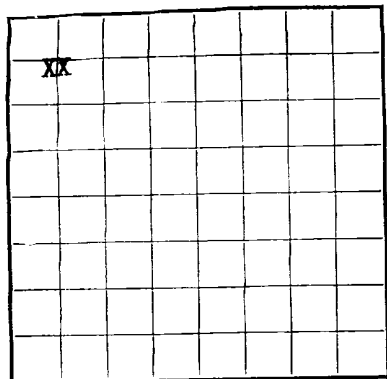


Form 9-330

C O P Y

U. S. LAND OFFICE
SERIAL NUMBER **LC-060850**
LEASE OR PERMIT TO PROSPECT



LAND OFFICE 000

LAND :) M 7 : 20

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Union Oil Company of California Address 619 West Texas Ave., Midland, Texas
Lessor or Tract Federal-Stevens Field Caprock Queen State New Mexico
Well No. 1-3 Sec. 3 T. 15-S R. 31-E Meridian N.M.P.M. County Chaves
Location 330 ft. XX of N. Line and 330 ft. XX of W. Line of Section 3 Elevation 4432.0
(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

R. J. Vaught

Date August 19, 1955

Title Assistant Division Engineer

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

Commenced drilling July 21, 19 55 Finished drilling July 30, 19 55

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3124 to 3130 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 N to _____ No. 3, from _____ to _____
No. 2, from O to _____ No. 4, from _____ to _____
No. 2, from N to _____

E

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	24#	8 RT	Nat'l	297.88'	Baker Guide	-	-	-	Surface Csg.
5-1/2"	14#	8 RT	CF&I	3134.07'	Baker Guide	-	3125	3130	Prod. String
2" EUE	4.70	8 RT	Nat'l	3116.86'	Shoe & Float Collar	-	-	-	-

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	311.88'	175 sx w/4% gel	P & P	-	-
5-1/2"	3114.57'	200 sx 4% gel plus	P & P	-	-
		200 sx Strata-crete			

PLUGS AND ADAPTERS

Heaving plug—Material N Length _____ Depth set _____
Adapters—Material N Size _____

E

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
N						
O						
N						

E

TOOLS USED

Rotary tools were used from 0 feet to 3145 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing August 18, 19 55

The production for the first 24 hours was 90.0 barrels of fluid of which 99.4 % was oil; _____ %
emulsion; _____ % water; and 0.6 % sediment. Gravity, °Bé. 34.8 API

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. T. Bowden, Driller R. J. Vaught, Driller
Charles Pickering, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	253	253	Sand and caliche
253	1360	1107	Red Beds
1360	1470	110	Anhydrite
1470	2265	795	Sand
2265	2343	78	Anhydrite
2490	3124	634	Anhydrite
3124	3145	21	Sand

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1757	3772	2015	1757
1758	3773	2016	1758
1759	3774	2017	1759
1760	3775	2018	1760
1761	3776	2019	1761
1762	3777	2020	1762
1763	3778	2021	1763
1764	3779	2022	1764
1765	3780	2023	1765
1766	3781	2024	1766
1767	3782	2025	1767
1768	3783	2026	1768
1769	3784	2027	1769
1770	3785	2028	1770
1771	3786	2029	1771
1772	3787	2030	1772
1773	3788	2031	1773
1774	3789	2032	1774
1775	3790	2033	1775
1776	3791	2034	1776
1777	3792	2035	1777
1778	3793	2036	1778
1779	3794	2037	1779
1780	3795	2038	1780
1781	3796	2039	1781
1782	3797	2040	1782
1783	3798	2041	1783
1784	3799	2042	1784
1785	3800	2043	1785
1786	3801	2044	1786
1787	3802	2045	1787
1788	3803	2046	1788
1789	3804	2047	1789
1790	3805	2048	1790
1791	3806	2049	1791
1792	3807	2050	1792
1793	3808	2051	1793
1794	3809	2052	1794
1795	3810	2053	1795
1796	3811	2054	1796
1797	3812	2055	1797
1798	3813	2056	1798
1799	3814	2057	1799
1800	3815	2058	1800
1801	3816	2059	1801
1802	3817	2060	1802
1803	3818	2061	1803
1804	3819	2062	1804
1805	3820	2063	1805
1806	3821	2064	1806
1807	3822	2065	1807
1808	3823	2066	1808
1809	3824	2067	1809
1810	3825	2068	1810
1811	3826	2069	1811
1812	3827	2070	1812
1813	3828	2071	1813
1814	3829	2072	1814
1815	3830	2073	1815
1816	3831	2074	1816
1817	3832	2075	1817
1818	3833	2076	1818
1819	3834	2077	1819
1820	3835	2078	1820
1821	3836	2079	1821
1822	3837	2080	1822
1823	3838	2081	1823
1824	3839	2082	1824
1825	3840	2083	1825
1826	3841	2084	1826
1827	3842	2085	1827
1828	3843	2086	1828
1829	3844	2087	1829
1830	3845	2088	1830
1831	3846	2089	1831
1832	3847	2090	1832
1833	3848	2091	1833
1834	3849	2092	1834
1835	3850	2093	1835
1836	3851	2094	1836
1837	3852	2095	1837
1838	3853	2096	1838
1839	3854	2097	1839
1840	3855	2098	1840
1841	3856	2099	1841
1842	3857	2100	1842
1843	3858	2101	1843
1844	3859	2102	1844
1845	3860	2103	1845
1846	3861	2104	1846
1847	3862	2105	1847
1848	3863	2106	1848
1849	3864	2107	1849
1850	3865	2108	1850
1851	3866	2109	1851
1852	3867	2110	1852
1853	3868	2111	1853
1854	3869	2112	1854
1855	3870	2113	1855
1856	3871	2114	1856
1857	3872	2115	1857
1858	3873	2116	1858
1859	3874	2117	1859
1860	3875	2118	1860
1861	3876	2119	1861
1862	3877	2120	1862
1863	3878	2121	1863
1864	3879	2122	1864
1865	3880	2123	1865
1866	3881	2124	1866
1867	3882	2125	1867
1868	3883	2126	1868
1869	3884	2127	1869
1870	3885	2128	1870
1871	3886	2129	1871
1872	3887	2130	1872
1873	3888	2131	1873
1874	3889	2132	1874
1875	3890	2133	1875
1876	3891	2134	1876
1877	3892	2135	1877
1878	3893	2136	1878
1879	3894	2137	1879
1880	3895	2138	1880
1881	3896	2139	1881
1882	3897	2140	1882
1883	3898	2141	1883
1884	3899	2142	1884
1885	3900	2143	1885
1886	3901	2144	1886
1887	3902	2145	1887
1888	3903	2146	1888
1889	3904	2147	1889
1890	3905	2148	1890
1891	3906	2149	1891
1892	3907	2150	1892
1893	3908	2151	1893
1894	3909	2152	1894
1895	3910	2153	1895
1896	3911	2154	1896
1897	3912	2155	1897
1898	3913	2156	1898
1899	3914	2157	1899
1900	3915	2158	1900
1901	3916	2159	1901
1902	3917	2160	1902
1903	3918	2161	1903
1904	3919	2162	1904
1905	3920	2163	1905
1906	3921	2164	1906
1907	3922	2165	1907
1908	3923	2166	1908
1909	3924	2167	1909
1910	3925	2168	1910
1911	3926	2169	1911
1912	3927	2170	1912
1913	3928	2171	1913
1914	3929	2172	1914
1915	3930	2173	1915
1916	3931	2174	1916
1917	3932	2175	1917
1918	3933	2176	1918
1919	3934	2177	1919
1920	3935	2178	1920
1921	3936	2179	1921
1922	3937	2180	1922
1923	3938	2181	1923
1924	3939	2182	1924
1925	3940	2183	1925
1926	3941	2184	1926
1927	3942	2185	1927
1928	3943	2186	1928
1929	3944	2187	1929
1930	3945	2188	1930
1931	3946	2189	1931
1932	3947	2190	1932
1933	3948	2191	1933
1934	3949	2192	1934
1935	3950	2193	1935
1936	3951	2194	1936
1937	3952	2195	1937
1938	3953	2196	1938
1939	3954	2197	1939
1940	3955	2198	1940
1941	3956	2199	1941
1942	3957	2200	1942
1943	3958	2201	1943
1944	3959	2202	1944
1945	3960	2203	1945
1946	3961	2204	1946
1947	3962	2205	1947
1948	3963	2206	1948
1949	3964	2207	1949
1950	3965	2208	1950
1951	3966	2209	1951
1952	3967	2210	1952
1953	3968	2211	1953
1954	3969	2212	1954
1955	3970	2213	1955
1956	3971	2214	1956
1957	3972	2215	1957
1958	3973	2216	1958
1959	3974	2217	1959
1960	3975	2218	1960
1961	3976	2219	1961
1962	3977	2220	1962
1963	3978	2221	1963
1964	3979	2222	1964
1965	3980	2223	1965
1966	3981	2224	1966
1967	3982	2225	1967
1968	3983	2226	1968
1969	3984	2227	1969
1970	3985	2228	1970
1971	3986	2229	1971
1972	3987	2230	1972
1973	3988	2231	1973
1974	3989	2232	1974
1975	3990	2233	1975
1976	3991	2234	1976
1977	3992	2235	1977
1978	3993	2236	1978
1979	3994	2237	1979
1980	3995	2238	1980
1981	3996	2239	1981
1982	3997	2240	1982
1983	3998	2241	1983
1984	3999	2242	1984
1985	4000	2243	1985
1986	4001	2244	1986
1987	4002	2245	1987
1988	4003	2246	1988
1989	4004	2247	1989
1990	4005	2248	1990
1991	4006	2249	1991
1992	4007	2250	1992
1993	4008	2251	1993
1994	4009	2252	1994
1995	4010	2253	1995
1996	4011	2254	1996
1997	4012	2255	1997
1998	4013	2256	1998
1999	4014	2257	1999
2000	4015	2258	2000

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

1-1-34 3772-2015 1757 1758 1759 1760 1761 1762 1763 1764 1765 1766 1767 1768 1769 1770 1771 1772 1773 1774 1775 1776 1777 1778 1779 1780 1781 1782 1783 1784 1785 1786 1787 1788 1789 1790 1791 1792 1793 1794 1795 1796 1797 1798 1799 1800 1801 1802 1803 1804 1805 1806 1807 1808 1809 1810 1811 1812 1813 1814 1815 1816 1817 1818 1819 1820 1821 1822 1823 1824 1825 1826 1827 1828 1829 1830 1831 1832 1833 1834 1835 1836 1837 1838 1839 1840 1841 1842 1843 1844 1845 1846 1847 1848 1849 1850 1851 1852 1853 1854 1855 1856 1857 1858 1859 1860 1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875 1876 1877 1878 1879 1880 1881 1882 1883 1884 1885 1886 1887 1888 1889 1890 1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000

LOG OF OIL OR GAS WELL

LOG OF OIL OR GAS WELL

DATE: _____

WELL NO.: _____

SECTION: _____

DEPTH: _____

TIME: _____

LOGGERS: _____

WITNESSES: _____

REMARKS: _____

DEPT. OF THE INTERIOR

U. S. GEOLOGICAL SURVEY

WASHINGTON, D. C.

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Midland, Texas

August 19, 1955

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Union Oil Co. of California Federal-Stevens, Well No. 1-3, in NW 1/4 NW 1/4,
(Company or Operator) (Lease)

D, Sec. 3, T-15-S, R-31-E, NMPM, Caprock Queen - Pool
(Unit)

Chaves County. Date Spudded. July 21, 1955, Date Completed. July 30, 1955

Please indicate location:

X			

Elevation 4432.0 Total Depth 3145, P.B. 3143

Top oil/gas pay 3124' Name of Prod. Form Queen Sand

Casing Perforations: 3126'-3130' or

Depth to Casing shoe of Prod. String 3144.57'

Natural Prod. Test -0- BOPD

based on -0- bbls. Oil in -0- Hrs. -0- Mins.

Test after acid or shot 90.0 BOPD

Based on 90.0 bbls. Oil in 24 Hrs. 0 Mins.

Gas Well Potential -

Size choke in inches -

Date first oil run to tanks or gas to Transmission system: August 18, 1955

Transporter taking Oil or Gas: Artesia Pipe Line Company

Casing and Cementing Record

Size Feet Sax

8-5/8"	297.88	175
5-1/2"	3134.07	400

Remarks: None

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved, 19.

OIL CONSERVATION COMMISSION

By: W. W. Mankin

Title: Engineer District 1

Union Oil Company of California
(Company or Operator)

By: R. W. Yarnall
(Signature)

Title: Assistant Division Engineer
Send Communications regarding well to:

Name: Union Oil Company of California
619 West Texas Ave., Midland, Texas