

RECEIVED
AUG 20 1951
U. S. NATIONAL MUSEUM
WELLER-ROBBINS OFFICE

DEEPENING LOG
LOG OF OIL OR GAS

LOCATE WELL CORRECTLY

Company Buffalo Oil Company Address Artesia, New Mexico
 Lessor or Tract M. E. Baish "A" Field Maljamar State New Mexico
 Well No. A-16 Sec. 21 T. 17S R. 32E Meridian N M P M County Lea
 Location 1980 ft. {N.} of S Line and 660 ft. {EX W} of E Line of Sec. 21 Elevation 4041
(Overline from middle to one 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.

so far as can be determined from all available records.

Signed /s/ H. G. Ellis
Date December 26, 1945 Title Superintendent

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

Commenced drilling Nov. 12 1945 Finished drilling Nov. 12 1945

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4126 to 4145 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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Heaving plug—Material No change Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
4"	Tin	Nitroglycerin	50 gts	11-14	4145-4123	
4"	"	"	60 "	11-15	4015-3992	
3"	"	"	80 "	"	3992-3937	
4"	"	"	50 "	"	3937-3918	4145

Beckman Rev. Circulation

TOOLS USED

Rotary tools were used from 4126 feet to 4145 feet, and from _____ feet to _____ feet

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

DATES

Dec. 21	19 45	Put to producing	19
The production for the first 24 hours was	45	barrels of fluid of which	96 % was oil; - %
emulsion; 4 % 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	
Beckman, Inc., Driller	J. W. Handley, Driller
Driller	Geo. Whitley, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			DEEPENING RECORD
4126	4145	19	Lime
			Original drilling record showed the well drilled to 4126, but upon re-measurement this was found to be 4126.

Form 100-1000

RECEIVED									
U.S. DEPARTMENT OF THE INTERIOR									
BUREAU OF LAND MANAGEMENT									
WATER RESOURCES DIVISION									
LOG OF OIL OR GAS WELL									

RECEIVED
AUG 20 1951
ON CONSERVATION COMMISSION
WELLS OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WATER RESOURCES DIVISION
LOG OF OIL OR GAS WELL

Company _____
Location _____
State _____
County _____
Section _____
Twp _____
Range _____
Elevation _____
The information on this form is a condensed and summarized record of the well and all work done thereon
so far as can be determined from all available records.

Date of completion _____
The summary on this page is a condensed and summarized record of the well and all work done thereon
so far as can be determined from all available records.

Comments on drilling _____
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 _____

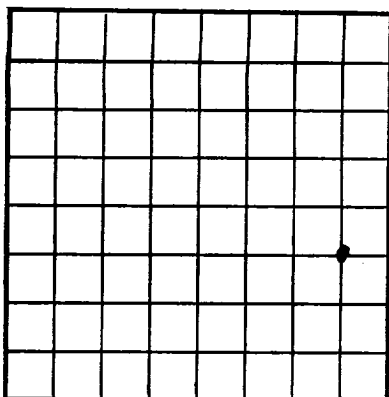
Important water samples _____
No. 1 from _____
No. 2 from _____
No. 3 from _____
No. 4 from _____
No. 5 from _____
No. 6 from _____
No. 7 from _____
No. 8 from _____
No. 9 from _____
No. 10 from _____

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
"abandoned" 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			
FROM	TO	TOTAL FEET	FORMATION
			FORMATION RECORD
			EMPLOYEES
			DATA
			TOOLS USED
			SPECIAL RECORD
			OTHER APPENDIX
			16-43004-1

Form 9-320

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029509-A
LEASE OR PERMIT TO PROSPECT Lease



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

AUG 20 1951

LOG OF OIL OR GAS WELL

CONSERVATION COMMISSION
HOBBS OFFICE

Company Maljamar Oil & Gas Corp. Address Artesia, New Mexico
Lessor or Tract M. E. Baish A Field Maljamar State New Mexico
Well No. 16 A Sec. 21 T. 17S R. 32E Meridian N M P M County Lea
Location 1980 ft. (N.) of S Line and 660 ft. (W.) of E Line of Sec. 21 Elevation _____
(Derives 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 July 1, 1942 Title Vice President

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

Commenced drilling March 4, 1942 Finished drilling June 25, 1942

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

No. 1, from 2353 to 2365 No. 4, from 3770 to 3821
No. 2, from 3615 to 3625 G No. 5, from 3985 to 4025 Light
No. 3, from 3728 to 3732 G No. 6, from 4100 to 4125 Light

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—	
8-5/8	28	10	J&L	970	Texas	pulled after running 5 1/2"			
7	20	10	J&L	1365	Texas	run in hole			
5 1/2	17	10	J&L	1365	Texas	run in hole			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	970	50 sacks	Halliburton		
7	2475	Mudded	-	pipe later pulled	
5 1/2	3635	150 sacks	-	Mud circulated to top of hole	

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
	3 1/2"	Nitro glycerin	100 qts	5-27-42	3770 to 3821	To bottom of shot hole

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 4131 feet, and from _____ feet to _____ feet

DATES

July 1, 1942 Put to producing June 30, 1942
The production for the first 24 hours was 200 barrels of fluid of which 100 % was oil; no %
emulsion, no % water, and no % sediment. Gravity, °Bé. 37
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

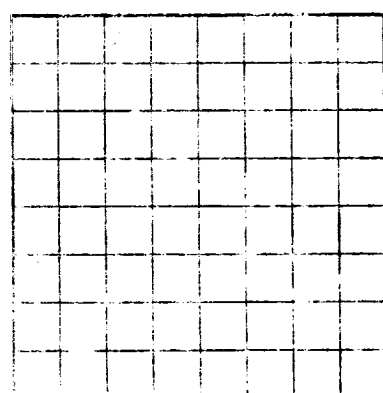
EMPLOYEES

H. M. Marlow _____, Driller F. E. Pennell _____, Driller
Geo. Sands _____, Driller Pat Gormley _____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	50	50	Red rock
50	115	65	Red mud
115	195	80	Blue shale and red rock
195	265	70	Red rock
265	315	50	Red bed
315	375	60	Red rock
375	470	95	Red bed
470	540	70	Red rock
540	605	65	Red rock and sand
605	725	120	Red rock
725	785	60	Anhy and red rock
785	800	15	Red rock
800	815	15	Anhydrite
815	920	105	Anhydrite
920	935	15	Red bed
935	955	20	Anhydrite
955	965	10	Red bed
965	970	5	Red rock
970	985	15	Red shale
985	990	5	Anhydrite
990	1035	45	Salt and red rock
1035	1055	20	Red bed
1055	1090	35	Salt
1090	1095	5	Anhydrite
1095	1715	620	Salt

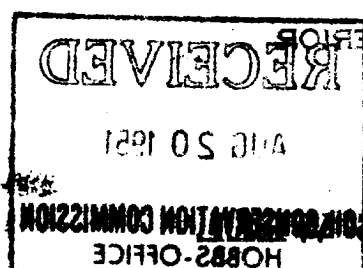
PLEASE ON PERMIT TO PROSPECT
SPECIAL NUMBER
LAND OFFICE



LOCATE WELL CORRECTLY

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



Company, No. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 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1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 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, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 218