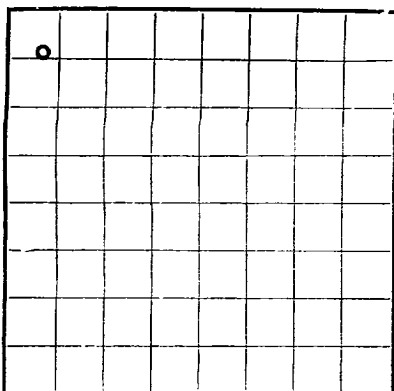




# COPY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

Company Stanolind Oil and Gas Company Address Philcage Bldg., Tulsa, Oklahoma  
Lessor or Tract P. J. Langlie Field Langlie State New Mexico  
Well No. B-2 Sec. 15 T. 25S R. 37E Meridian N. M. P. M. County Lea  
Location 660 ft. N of N Line and 660 ft. E of W Line of Section 15 Elevation 3119

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/T. A. Keefer

Date October 7, 1937 Title Field Superintendent

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

Commenced drilling July 28, 1937 Finished drilling September 11, 1937

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ ).

(Denote gas by G.)

|                                          |                            |
|------------------------------------------|----------------------------|
| No. 1, from <u>2862</u> to <u>2882 G</u> | 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 the 184-204-1 to 184-204-2, and No. 4 from 184-204-1 to 184-204-2.

## LEASING RECORD

| Size casing | Weight per foot | Threads per inch | Make  | Amount  | Kind of shoe | Cut and pulled from | Perforated |      | Purpose |
|-------------|-----------------|------------------|-------|---------|--------------|---------------------|------------|------|---------|
|             |                 |                  |       |         |              |                     | From —     | To — |         |
| 3-5/8"      | 28#             | 8                | Rep.  | 1379'6" | Larkin       |                     |            |      |         |
| 5-1/2"      | 17#             | 10               | Nat'l | 1353'   | Larkin       |                     |            |      |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used             |
|-------------|-----------|------------------------|-------------|-------------|--------------------------------|
| 8-5/8"      | 1391      | 400 ✓                  | Halliburton | 10#         | Mud circulated ahead of cement |
| 5-1/2"      | 3163      | 445                    | Halliburton | 12#         | Mud circulated ahead of cement |

## PLUGS AND ADAPTERS

Heaving plug—Material Cement Length 311' Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

| <b>Size</b> | <b>Shell used</b> | <b>Explosive used</b> | <b>Quantity</b> | <b>Date</b> | <b>Depth shot</b> | <b>Depth cleaned out</b> |
|-------------|-------------------|-----------------------|-----------------|-------------|-------------------|--------------------------|
|             |                   |                       |                 |             |                   |                          |
|             |                   |                       |                 |             |                   |                          |
|             |                   |                       |                 |             |                   |                          |
|             |                   |                       |                 |             |                   |                          |
|             |                   |                       |                 |             |                   |                          |

## TOOLS USED

Rotary tools were used from 0 feet to 3181 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from 3181 feet to 3458 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 °Ré

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

Rock pressure, lbs. per sq. in. -----

## EMPLOYEES

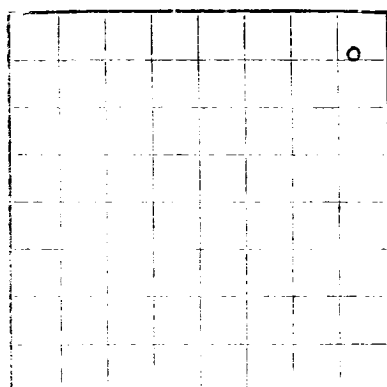
-----Leo Acuff-----, Driller                      C. C. Richmond-----, Driller

Tom Taylor - A. E. McDaniel, Driller L. Lochausen - H. C. McAuley Driller

## FORMATION RECORD

| FROM- | TO-  | TOTAL FEET | FORMATION                                   |
|-------|------|------------|---------------------------------------------|
| 0     | 20   | 20         | Caliche                                     |
| 20    | 69   | 49         | Caliche and Red Clay                        |
| 69    | 152  | 83         | Red Bed                                     |
| 152   | 264  | 112        | Red Bed and Shells                          |
| 264   | 380  | 116        | Red Clay - Streaks of hard blue sandy shale |
| 380   | 458  | 78         | Red Rock                                    |
| 458   | 745  | 287        | Red Bed and hard shells                     |
| 745   | 960  | 215        | Red Rock and Anhydrite                      |
| 960   | 1034 | 74         | Red Rock and Shells                         |
| 1034  | 1059 | 25         | Red Bed                                     |
| 1059  | 1077 | 18         | Red Bed and Anhydrite                       |
| 1077  | 1131 | 54         | Red Bed                                     |
| 1131  | 1150 | 19         | Red Bed and Anhydrite                       |
| 1150  | 1230 | 80         | Red Bed                                     |
| 1230  | 2005 | 775        | Salt and Anhydrite, 8-5/8" casing set 1391' |
| 2005  | 2078 | 73         | Salt                                        |
| 2078  | 2178 | 120        | Salt and Anhydrite                          |
| 2178  | 2220 | 42         | Anhydrite                                   |
| 2220  | 2240 | 20         | Salt and Anhydrite                          |
| 2240  | 2250 | 10         | Anhydrite                                   |
| 2250  | 2260 | 10         | Salt and Anhydrite                          |
| 2260  | 2289 | 28         | Anhydrite and Salt                          |
| 2289  | 2404 | 115        | Salt and Anhydrite                          |
| 2404  | 2500 | 96         | Salt                                        |
| 2500  | 2570 | 70         | Anhydrite                                   |
| 2570  | 2695 | 125        | Anhydrite and Brown Lime                    |

**COPY**



# LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Standing Oil and Gas Company Address Fairbairn Bldg., Tulsa, Oklahoma  
 Lesson or tract Fairbairn Bldg., Fairbairn, Minn. State New Mexico  
 Well No. F-2 Sec 15, T. 32 N., R. 27 E., M. 37 N. County Leas  
 Location of well and section of line of section 15 Elevation 3119  
 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 reliable records.  
 Signed A. A. Koester  
 Date October 7, 1937 Title Field Superintendent  
 The summary on this page is for the condition of the well at above date  
 Commenced drilling July 28, 1937 Finished drilling September 11, 1937

NO LOTS OR SANDS OR LOTS

|             |    |             |    |
|-------------|----|-------------|----|
| No. 1, from | to | No. 1, from | to |
| No. 2, from | to | No. 2, from | to |
| No. 3, from | to | No. 3, from | to |

IMPORTANT WATER GARDEN

They found the gas zone from 2862 - 2882' when there was a demand for the gas.

Drilled well into water without finding show of oil. Plugged well back from 3458' to 3147' with 45 sx of cement. Well is now shut in but will be perforated in the

| Size<br>Weight<br>per 1000 | Feathers per<br>1000 | Measure | Amount         | Kind of fowls | Feeding and<br>other remarks | Particulars<br>To - | Purpose |
|----------------------------|----------------------|---------|----------------|---------------|------------------------------|---------------------|---------|
| 5 3/8"                     | 284                  | 8       | Reg.<br>13706" | Larkin        |                              |                     |         |

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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 pumps or bridges were put in to test for water, state material used, position, and results of pumping or bailing.

## HISTORY OF OIL OR GAS WELL

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

| Size of<br>casing | Weight of<br>casing | Weight of<br>casing | Weight of<br>casing | Weight of<br>casing | Weight of<br>casing |
|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 1-1/2" 31.63      | 44.5                | 44.5                | 44.5                | 44.5                | 44.5                |
| 2-1/8" 13.91      | 40.0                | 40.0                | 40.0                | 40.0                | 40.0                |

FINCH AND ADAPTERS

|                         |        |           |
|-------------------------|--------|-----------|
| Location plug--Material | Weight | Depth set |
| Adapters--Material      | Weight | Depth set |

SHOOTING RECORD

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
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| 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 | 1981 | 1980 | 1979 | 1978 | 1977 | 1976 | 1975 | 1974 | 1973 | 1972 | 1971 | 1970 | 1969 | 1968 | 1967 | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 | 1957 | 1956 | 1955 | 1954 | 1953 | 1952 | 1951 | 1950 | 1949 | 1948 | 1947 | 1946 | 1945 | 1944 | 1943 | 1942 | 1941 | 1940 | 1939 | 1938 | 1937 | 1936 | 1935 | 1934 | 1933 | 1932 | 1931 | 1930 | 1929 | 1928 | 1927 | 1926 | 1925 | 1924 | 1923 | 1922 | 1921 | 1920 | 1919 | 1918 | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 | 1911 | 1910 | 1909 | 1908 | 1907 | 1906 | 1905 | 1904 | 1903 | 1902 | 1901 | 1900 | 1899 | 1898 | 1897 | 1896 | 1895 | 1894 | 1893 | 1892 | 1891 | 1890 | 1889 | 1888 | 1887 | 1886 | 1885 | 1884 | 1883 | 1882 | 1881 | 1880 | 1879 | 1878 | 1877 | 1876 | 1875 | 1874 | 1873 | 1872 | 1871 | 1870 | 1869 | 1868 | 1867 | 1866 | 1865 | 1864 | 1863 | 1862 | 1861 | 1860 | 1859 | 1858 | 1857 | 1856 | 1855 | 1854 | 1853 | 1852 | 1851 | 1850 | 1849 | 1848 | 1847 | 1846 | 1845 | 1844 | 1843 | 1842 | 1841 | 1840 | 1839 | 1838 | 1837 | 1836 | 1835 | 1834 | 1833 | 1832 | 1831 | 1830 | 1829 | 1828 | 1827 | 1826 | 1825 | 1824 | 1823 | 1822 | 1821 | 1820 | 1819 | 1818 | 1817 | 1816 | 1815 | 1814 | 1813 | 1812 | 1811 | 1810 | 1809 | 1808 | 1807 | 1806 | 1805 | 1804 | 1803 | 1802 | 1801 | 1800 | 1799 | 1798 | 1797 | 1796 | 1795 | 1794 | 1793 | 1792 | 1791 | 1790 | 1789 | 1788 | 1787 | 1786 | 1785 | 1784 | 1783 | 1782 | 1781 | 1780 | 1779 | 1778 | 1777 | 1776 | 1775 | 1774 | 1773 | 1772 | 1771 | 1770 | 1769 | 1768 | 1767 | 1766 | 1765 | 1764 | 1763 | 1762 | 1761 | 1760 | 1759 | 1758 | 1757 | 1756 | 1755 | 1754 | 1753 | 1752 | 1751 | 1750 | 1749 | 1748 | 1747 | 1746 | 1745 | 1744 | 1743 | 1742 | 1741 | 1740 | 1739 | 1738 | 1737 | 1736 | 1735 | 1734 | 1733 | 1732 | 1731 | 1730 | 1729 | 1728 | 1727 | 1726 | 1725 | 1724 | 1723 | 1722 | 1721 | 1720 | 1719 | 1718 | 1717 | 1716 | 1715 | 1714 | 1713 | 1712 | 1711 | 1710 | 1709 | 1708 | 1707 | 1706 | 1705 | 1704 | 1703 | 1702 | 1701 | 1700 | 1699 | 1698 | 1697 | 1696 | 1695 | 1694 | 1693 | 1692 | 1691 | 1690 | 1689 | 1688 | 1687 | 1686 | 1685 | 1684 | 1683 | 1682 | 1681 | 1680 | 1679 | 1678 | 1677 | 1676 | 1675 | 1674 | 1673 | 1672 | 1671 | 1670 | 1669 | 1668 | 1667 | 1666 | 1665 | 1664 | 1663 | 1662 | 1661 | 1660 | 1659 | 1658 | 1657 | 1656 | 1655 | 1654 | 1653 | 1652 | 1651 | 1650 | 1649 | 1648 | 1647 | 1646 | 1645 | 1644 | 1643 | 1642 | 1641 | 1640 | 1639 | 1638 | 1637 | 1636 | 1635 | 1634 | 1633 | 1632 | 1631 | 1630 | 1629 | 1628 | 1627 | 1626 | 1625 | 1624 | 1623 | 1622 | 1621 | 1620 | 1619 | 1618 | 1617 | 1616 | 1615 | 1614 | 1613 | 1612 | 1611 | 1610 | 1609 | 1608 | 1607 | 1606 | 1605 | 1604 | 1603 | 1602 | 1601 | 1600 | 1599 | 1598 | 1597 | 1596 | 1595 | 1594 | 1593 | 1592 | 1591 | 1590 | 1589 | 1588 | 1587 | 1586 | 1585 | 1584 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

TOOLS USED

[illegible]

23TAC

|                                                                    |       |
|--------------------------------------------------------------------|-------|
| It was used, cu. ft. per 24 hours                                  | _____ |
| Emulsion: _____<br>% water; and _____<br>% oil                     | _____ |
| The production for the 24 hours was _____                          | _____ |
| _____ barrels of fluid of which _____<br>% was oil; _____<br>% gas | _____ |
| _____ cu. ft. of gas                                               | _____ |

## EVENTS

|                    |                    |
|--------------------|--------------------|
| Dr. J. C. McArthur | Dr. J. C. McArthur |
| Dr. J. C. McArthur | Dr. J. C. McArthur |

FORMATION RECORD

[illegible]