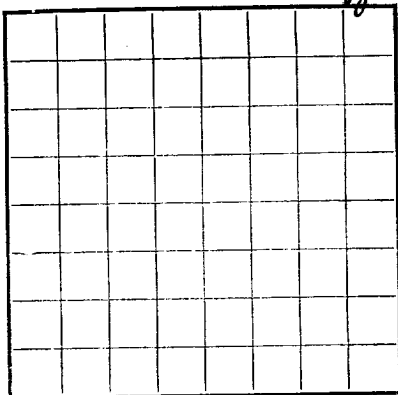


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 10 0289780  
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company SIMMS & REESE OIL CO Address Bujac Blag., Carlsbad, New Mex.  
Lessor or Tract McClay Field Undesignated State New Mexico  
Well No. 2 Sec. 33 T. 18 R. 3 Meridian NMPM County Eddy  
Location 1980 ft. [N.] of S. Line and 660 ft. [E.] of W. Line of East Elevation 3450  
(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

P. L. Hensel

Date

Title

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

Commenced drilling October 1, 1954 Finished drilling December 5, 1954OIL OR GAS SANDS OR ZONES  
(Denote gas by G)No. 1, from 2840 to 2873 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 3044 to 3070 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 340 to 355 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       | 26              | 8                | used | 300    | Texas        |                     |            |      | surface |
| 5           | 14              | 8                | new  | 3080   | Texas        |                     | 3044       | 3070 |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8 5/8       | 580       | 60                     | Denton      |             |                    |
| 5           | 3080      | 30                     | Denton      |             |                    |

## 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 surface feet to 3080 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

Put to producing December 15, 1954  
The production for the first 24 hours was 40 barrels of fluid of which 100 % 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

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                   |
|-------|------|------------|-----------------------------|
| 0     | 20   | 20         | Caliche                     |
| 20    | 120  | 100        | Red Bed - sandy             |
| 120   | 205  | 85         | Red Bed - sandy             |
| 205   | 275  | 70         | Red Bed                     |
| 275   | 315  | 40         | Anhydrite                   |
| 315   | 340  | 25         | Red Rock                    |
| 340   | 355  | 15         | Sand                        |
| 355   | 425  | 70         | Anhydrite                   |
| 425   | 445  | 20         | Blue Shale                  |
| 445   | 455  | 10         | Anhydrite                   |
| 455   | 470  | 15         | Lime                        |
| 470   | 485  | 15         | Red Bed                     |
| 485   | 530  | 45         | Gravel                      |
| 530   | 545  | 15         | Red Bed                     |
| 545   | 560  | 15         | Red Rock                    |
| 560   | 1495 | 935        | Salt                        |
| 1495  | 1725 | 230        | Anhydrite Broken & Red Rock |
| 1725  | 1730 | 5          | Blue Shale                  |
| 1730  | 2010 | 280        | Anhydrite Broken & Red Rock |
| 2010  | 2020 | 10         | Grey Lime                   |
| 2020  | 2033 | 13         | Grey Sandy Lime             |
| 2033  | 2070 | 37         | Lime                        |
| 2070  | 2075 | 5          | Pink Lime                   |
| 2075  | 2080 | 5          | Grey Shale                  |
| 2080  | 2083 | 3          | Lime & Anhydrite            |
| 2083  | 2105 | 22         | Lime                        |

FROM—

TO—

TOTAL FEET

(OVER)

FORMATION

10-43094-2

FORMATION RECORD—Continued

U.S. LAND OFFICE  
SERIAL NUMBER 0889750  
LEASER OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

COULD NOT CORRECTLY

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.

*D. K. Williams*

Location of well, name and section of land and section of line of \_\_\_\_\_

With No. \_\_\_\_\_ Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_

Placer or Town \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

Address of person designated \_\_\_\_\_ State \_\_\_\_\_ New Mexico \_\_\_\_\_

Company \_\_\_\_\_

Contracted drilling October 1, 1964 finished drilling December 15, 1964

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

Page 1

OIL OR GAS SANDS OR ZONES

(b) (5) - DPP

|                 |         |
|-----------------|---------|
| No. 1 from 1944 | to 1945 |
| No. 2 from 1944 | to 1945 |
| No. 3 from 1944 | to 1945 |
| No. 4 from 1944 | to 1945 |
| No. 5 from 1944 | to 1945 |
| No. 6 from 1944 | to 1945 |

ВЕРХАЯ ДИТАН ТИДРОПНИ

----- to No. 3, from No. 4, -----

## CASING RECORD

| Case | Weight<br>per foot | Threads per<br>inch | Make       | Amount | Kind of steel | Oil and pulley from | Rebarbed<br>To— | Purpose  |
|------|--------------------|---------------------|------------|--------|---------------|---------------------|-----------------|----------|
| 1/8  | 86                 | 8                   | U.S. Steel | 1000   | 15X42         |                     | From—<br>To—    | coultage |

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.

## HISTORY OF OIL OR GAS WELL

## MURDERING AND CEMENTING RECORD

[illegible]

# SLUGS AND ADAPTERS

|               |          |        |           |
|---------------|----------|--------|-----------|
| Heating glass | Vertical | Length | Depth set |
| Alphabet      | Vertical | Size   |           |

SHOOTING RECORD

| Site | Shell used | Explosive used | Quantity | Date | Depth (m) | Depth cleaned out |
|------|------------|----------------|----------|------|-----------|-------------------|
|      |            |                |          |      |           |                   |

TOOLS USED

| Color  | Feet to | Feet from | Feet to | Feet from |
|--------|---------|-----------|---------|-----------|
| Red    | 10      | 10        | 10      | 10        |
| Orange | 10      | 10        | 10      | 10        |
| Yellow | 10      | 10        | 10      | 10        |
| Green  | 10      | 10        | 10      | 10        |
| Blue   | 10      | 10        | 10      | 10        |
| Purple | 10      | 10        | 10      | 10        |
| Pink   | 10      | 10        | 10      | 10        |
| White  | 10      | 10        | 10      | 10        |

[illegible][illegible]

| Time | Broken Time | Time |
|------|-------------|------|
| 12   | 12          | 12   |
| 6    | 6           | 6    |
| 26   | 26          | 26   |

|      |    |                       |     |
|------|----|-----------------------|-----|
| 2869 | 40 | Red Sand              | 100 |
| 2868 | 4  | Red Sand & Anthracite | 100 |
| 2873 | 8  | Red Sand              | 100 |

|      |    |           |           |
|------|----|-----------|-----------|
| 2730 | 85 | Pink time | FORMATION |
| 2730 | 96 | Gay time  |           |
| 2839 |    | FORMATION |           |

|      |      |    |                          |
|------|------|----|--------------------------|
| 2665 | 2675 | HO | * PINK LINE of Amphibite |
| 2675 | 2685 | 20 | PINK LINE - 2 inch       |
| 2685 | 2705 | 10 | GRAY LINE                |

|      |    |            |      |
|------|----|------------|------|
| 2645 | 1A | PLATE TYPE | 2645 |
| 2646 | 1B | PLATE TYPE | 2646 |
| 2647 | 1C | PLATE TYPE | 2647 |
| 2648 | 1D | PLATE TYPE | 2648 |
| 2649 | 1E | PLATE TYPE | 2649 |
| 2650 | 1F | PLATE TYPE | 2650 |
| 2651 | 1G | PLATE TYPE | 2651 |
| 2652 | 1H | PLATE TYPE | 2652 |
| 2653 | 1I | PLATE TYPE | 2653 |
| 2654 | 1J | PLATE TYPE | 2654 |
| 2655 | 1K | PLATE TYPE | 2655 |
| 2656 | 1L | PLATE TYPE | 2656 |
| 2657 | 1M | PLATE TYPE | 2657 |
| 2658 | 1N | PLATE TYPE | 2658 |
| 2659 | 1O | PLATE TYPE | 2659 |
| 2660 | 1P | PLATE TYPE | 2660 |
| 2661 | 1Q | PLATE TYPE | 2661 |
| 2662 | 1R | PLATE TYPE | 2662 |
| 2663 | 1S | PLATE TYPE | 2663 |
| 2664 | 1T | PLATE TYPE | 2664 |
| 2665 | 1U | PLATE TYPE | 2665 |
| 2666 | 1V | PLATE TYPE | 2666 |
| 2667 | 1W | PLATE TYPE | 2667 |
| 2668 | 1X | PLATE TYPE | 2668 |
| 2669 | 1Y | PLATE TYPE | 2669 |
| 2670 | 1Z | PLATE TYPE | 2670 |

|      |      |    |          |
|------|------|----|----------|
| 2670 | 2670 | 16 | Redmond  |
| 2671 | 2671 | 17 | 14th Ave |
| 2672 | 2672 | 18 | 14th Ave |
| 2673 | 2673 | 19 | 14th Ave |
| 2674 | 2674 | 20 | 14th Ave |
| 2675 | 2675 | 21 | 14th Ave |
| 2676 | 2676 | 22 | 14th Ave |
| 2677 | 2677 | 23 | 14th Ave |
| 2678 | 2678 | 24 | 14th Ave |
| 2679 | 2679 | 25 | 14th Ave |
| 2680 | 2680 | 26 | 14th Ave |
| 2681 | 2681 | 27 | 14th Ave |
| 2682 | 2682 | 28 | 14th Ave |
| 2683 | 2683 | 29 | 14th Ave |
| 2684 | 2684 | 30 | 14th Ave |
| 2685 | 2685 | 31 | 14th Ave |
| 2686 | 2686 | 32 | 14th Ave |
| 2687 | 2687 | 33 | 14th Ave |
| 2688 | 2688 | 34 | 14th Ave |
| 2689 | 2689 | 35 | 14th Ave |
| 2690 | 2690 | 36 | 14th Ave |
| 2691 | 2691 | 37 | 14th Ave |
| 2692 | 2692 | 38 | 14th Ave |
| 2693 | 2693 | 39 | 14th Ave |
| 2694 | 2694 | 40 | 14th Ave |
| 2695 | 2695 | 41 | 14th Ave |
| 2696 | 2696 | 42 | 14th Ave |
| 2697 | 2697 | 43 | 14th Ave |
| 2698 | 2698 | 44 | 14th Ave |
| 2699 | 2699 | 45 | 14th Ave |

|      |      |    |            |
|------|------|----|------------|
| 2476 | 2476 | 60 | BROWN LINE |
| 2475 | 2475 | 59 | 1 LINE     |
| 2474 | 2474 | 58 | ONE LINE   |

|        |      |     |           |
|--------|------|-----|-----------|
| 2328   | 2475 | 178 | 8704 5116 |
| 2329   | 2476 | 179 | 0807 1780 |
| 2330   | 2477 | 180 | 1781 1782 |
| 2331   | 2478 | 181 | 1783 1784 |
| 2332   | 2479 | 182 | 1785 1786 |
| 2333   | 2480 | 183 | 1787 1788 |
| 2334   | 2481 | 184 | 1789 1790 |
| 2335   | 2482 | 185 | 1791 1792 |
| 2336   | 2483 | 186 | 1793 1794 |
| 2337   | 2484 | 187 | 1795 1796 |
| 2338   | 2485 | 188 | 1797 1798 |
| 2339   | 2486 | 189 | 1799 1800 |
| 2340   | 2487 | 190 | 1801 1802 |
| 2341   | 2488 | 191 | 1803 1804 |
| 2342   | 2489 | 192 | 1805 1806 |
| 2343   | 2490 | 193 | 1807 1808 |
| 2344   | 2491 | 194 | 1809 1810 |
| 2345   | 2492 | 195 | 1811 1812 |
| 2346   | 2493 | 196 | 1813 1814 |
| 2347   | 2494 | 197 | 1815 1816 |
| 2348   | 2495 | 198 | 1817 1818 |
| 2349   | 2496 | 199 | 1819 1820 |
| 2350   | 2497 | 200 | 1821 1822 |
| 2351   | 2498 | 201 | 1823 1824 |
| 2352   | 2499 | 202 | 1825 1826 |
| 2353   | 2500 | 203 | 1827 1828 |
| 2354   | 2501 | 204 | 1829 1830 |
| 2355   | 2502 | 205 | 1831 1832 |
| 2356   | 2503 | 206 | 1833 1834 |
| 2357   | 2504 | 207 | 1835 1836 |
| 2358   | 2505 | 208 | 1837 1838 |
| 2359   | 2506 | 209 | 1839 1840 |
| 2360   | 2507 | 210 | 1841 1842 |
| 2361   | 2508 | 211 | 1843 1844 |
| 2362   | 2509 | 212 | 1845 1846 |
| 2363   | 2510 | 213 | 1847 1848 |
| 2364   | 2511 | 214 | 1849 1850 |
| 2365   | 2512 | 215 | 1851 1852 |
| 2366   | 2513 | 216 | 1853 1854 |
| 2367   | 2514 | 217 | 1855 1856 |
| 2368   | 2515 | 218 | 1857 1858 |
| 2369   | 2516 | 219 | 1859 1860 |
| 2370   | 2517 | 220 | 1861 1862 |
| 2371   | 2518 | 221 | 1863 1864 |
| 2372   | 2519 | 222 | 1865 1866 |
| 2373   | 2520 | 223 | 1867 1868 |
| 2374   | 2521 | 224 | 1869 1870 |
| 2375   | 2522 | 225 | 1871 1872 |
| 2376   | 2523 | 226 | 1873 1874 |
| 2377   | 2524 | 227 | 1875 1876 |
| 2378   | 2525 | 228 | 1877 1878 |
| 2379   | 2526 | 229 | 1879 1880 |
| 2380   | 2527 | 230 | 1881 1882 |
| 2381   | 2528 | 231 | 1883 1884 |
| 2382   | 2529 | 232 | 1885 1886 |
| 2383   | 2530 | 233 | 1887 1888 |
| 2384   | 2531 | 234 | 1889 1890 |
| 2385   | 2532 | 235 | 1891 1892 |
| 2386   | 2533 | 236 | 1893 1894 |
| 2387   | 2534 | 237 | 1895 1896 |
| 2388   | 2535 | 238 | 1897 1898 |
| 2389   | 2536 | 239 | 1899 1900 |
| 2390   | 2537 | 240 | 1901 1902 |
| 2391   | 2538 | 241 | 1903 1904 |
| 2392   | 2539 | 242 | 1905 1906 |
| 2393   | 2540 | 243 | 1907 1908 |
| 2394   | 2541 | 244 | 1909 1910 |
| 2395   | 2542 | 245 | 1911 1912 |
| 2396   | 2543 | 246 | 1913 1914 |
| 2397   | 2544 | 247 | 1915 1916 |
| 2398   | 2545 | 248 | 1917 1918 |
| 2399   | 2546 | 249 | 1919 1920 |
| 2400   | 2547 | 250 | 1921 1922 |
| 2401   | 2548 | 251 | 1923 1924 |
| 2402   | 2549 | 252 | 1925 1926 |
| 2403   | 2550 | 253 | 1927 1928 |
| 2404   | 2551 | 254 | 1929 1930 |
| 2405   | 2552 | 255 | 1931 1932 |
| 2406   | 2553 | 256 | 1933 1934 |
| 2407   | 2554 | 257 | 1935 1936 |
| 2408</ |      |     |           |

[illegible][illegible]

|    |    |    |    |
|----|----|----|----|
| ST | ST | ST | ST |
| ST | ST | ST | ST |
| ST | ST | ST | ST |
| ST | ST | ST | ST |

| FROM-                        | TO-                          | TOTAL FEET           | FORMATION                                    |
|------------------------------|------------------------------|----------------------|----------------------------------------------|
| 8100<br>8150<br>8200<br>8250 | 8180<br>8190<br>8200<br>8210 | 16<br>38<br>38<br>38 | pink lime<br>grayed limestone<br>10-12 ft. S |

**FORMATION RECORD—Continued**