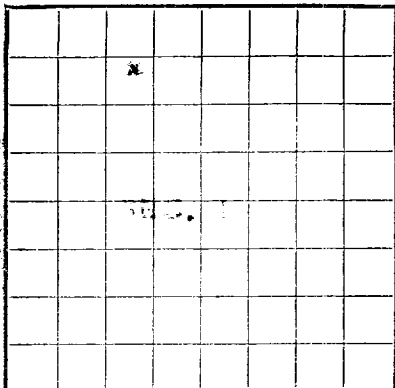


U.S. LAND OFFICE  
Jicarilla Tribal

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Caswell Silver Address 103 1/2 W. 1st St., Albuquerque, N.M.  
Lessor or Tract Lease Contract 7 Field Alcan State New Mexico  
Well No. 1 Sec. 1 T. 24N R. 4E Meridian 10R County Albany  
Location 22 ft. N. of 1/4 Line and 25 ft. E. of 1/4 Line of 1/4 Section Elevation 7170  
(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

Caswell SilverDate June 13, 1956Title Operator

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

Commenced drilling December 25, 1955 Finished drilling January 1, 1956

## 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—  |         |
| 5 1/2       | 11.12           | 4 1/2            | 55   | 113'   | rotary       |                     | 2539       | 2542 | surface |
| 5 1/2       | 11.12           | 4 1/2            | 55   | 2539   | rotary       | 100 feet            | 2542       | 2550 |         |
|             |                 |                  |      |        |              |                     | 2551       | 2555 |         |
|             |                 |                  |      |        |              |                     | 2557       | 2565 |         |
|             |                 |                  |      |        |              |                     | 2572       | 2579 |         |
|             |                 |                  |      |        |              |                     | 2582       | 2590 |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set  | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|------------|------------------------|-------------|-------------|--------------------|
| 5 1/2       | 2.47 below |                        | circulator  |             |                    |
| 5 1/2       | 2539 below | 10                     | circulator  |             |                    |
|             |            |                        |             |             |                    |
|             |            |                        |             |             |                    |
|             |            |                        |             |             |                    |

## 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 surface feet to        feet, and from        feet to        feetCable tools were used from        feet to        feet, and from        feet to        feet

## DATES

      , 1955 Put to producing plugged & abandoned, 1956

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

Gerardo L. Lopez, Driller       , Driller      , Driller       , Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                 |
|-------|------|------------|---------------------------|
|       | 220  | 220        | sand and shale            |
| 220   | 310  | 90         | sand with sand streaks    |
| 310   | 340  | 30         | sand                      |
| 340   | 430  | 90         | shale                     |
| 430   | 530  | 100        | sand and shale            |
| 530   | 552  | 22         | shale                     |
| 552   | 590  | 38         | sand                      |
| 590   | 604  | 14         | shale                     |
| 604   | 611  | 7          | sand and shale            |
| 611   | 670  | 59         | shale                     |
| 670   | 677  | 7          | shale                     |
| 677   | 750  | 73         | shale                     |
| 750   | 1024 | 274        | shale                     |
| 1024  | 1070 | 46         | sand with sand stringers  |
| 1070  | 1120 | 50         | sand                      |
| 1120  | 1432 | 312        | shale with sand stringers |
| 1432  | 1540 | 108        | sand                      |
| 1540  | 1670 | 130        | shale and sand            |
| 1670  | 1740 | 70         | sand                      |
| 1740  | 1760 | 20         | shale                     |
| 1760  | 1800 | 40         | sand                      |
| 1800  | 1865 | 65         | shale                     |

U.S. Patent Office  
Washington, D.C. 20540

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

1967 1968 1969 1970 1971

[illegible]

07 JUL 89 0634Z 04N 100W

11. *Chlorophyll *a** and *Chlorophyll *b** were determined by the method of Arar and Johnson (1977).

[illegible]

... of ... ..

100-443887-100

[illegible]

14-00000

centered with 10 backs, and 100 pounds. Performed

CONFIDENTIAL

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

... In some, 11 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

side-tracked' or left in the well, give its size and location. If there were any changes made in the casing, state fully, and if any casing was sidetracked, give date, size, position, and number.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together

## HISTORY OF OIL OR GAS WELL

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

| FROM- | TO-  | TOTAL FEET | FORMATION |
|-------|------|------------|-----------|
| 1665  | 1670 | 5          | Shale     |
| 1670  | 1675 | 5          | Shale     |
| 1675  | 1680 | 5          | Shale     |
| 1680  | 1685 | 5          | Shale     |
| 1685  | 1690 | 5          | Shale     |
| 1690  | 1695 | 5          | Shale     |
| 1695  | 1700 | 5          | Shale     |
| 1700  | 1705 | 5          | Shale     |
| 1705  | 1710 | 5          | Shale     |
| 1710  | 1715 | 5          | Shale     |
| 1715  | 1720 | 5          | Shale     |
| 1720  | 1725 | 5          | Shale     |
| 1725  | 1730 | 5          | Shale     |
| 1730  | 1735 | 5          | Shale     |
| 1735  | 1740 | 5          | Shale     |
| 1740  | 1745 | 5          | Shale     |
| 1745  | 1750 | 5          | Shale     |
| 1750  | 1755 | 5          | Shale     |
| 1755  | 1760 | 5          | Shale     |
| 1760  | 1765 | 5          | Shale     |
| 1765  | 1770 | 5          | Shale     |
| 1770  | 1775 | 5          | Shale     |
| 1775  | 1780 | 5          | Shale     |
| 1780  | 1785 | 5          | Shale     |
| 1785  | 1790 | 5          | Shale     |
| 1790  | 1795 | 5          | Shale     |
| 1795  | 1800 | 5          | Shale     |
| 1800  | 1805 | 5          | Shale     |
| 1805  | 1810 | 5          | Shale     |
| 1810  | 1815 | 5          | Shale     |
| 1815  | 1820 | 5          | Shale     |
| 1820  | 1825 | 5          | Shale     |
| 1825  | 1830 | 5          | Shale     |
| 1830  | 1835 | 5          | Shale     |
| 1835  | 1840 | 5          | Shale     |
| 1840  | 1845 | 5          | Shale     |
| 1845  | 1850 | 5          | Shale     |
| 1850  | 1855 | 5          | Shale     |
| 1855  | 1860 | 5          | Shale     |
| 1860  | 1865 | 5          | Shale     |
| 1865  | 1870 | 5          | Shale     |
| 1870  | 1875 | 5          | Shale     |
| 1875  | 1880 | 5          | Shale     |
| 1880  | 1885 | 5          | Shale     |
| 1885  | 1890 | 5          | Shale     |
| 1890  | 1895 | 5          | Shale     |
| 1895  | 1900 | 5          | Shale     |
| 1900  | 1905 | 5          | Shale     |
| 1905  | 1910 | 5          | Shale     |
| 1910  | 1915 | 5          | Shale     |
| 1915  | 1920 | 5          | Shale     |
| 1920  | 1925 | 5          | Shale     |
| 1925  | 1930 | 5          | Shale     |
| 1930  | 1935 | 5          | Shale     |
| 1935  | 1940 | 5          | Shale     |
| 1940  | 1945 | 5          | Shale     |
| 1945  | 1950 | 5          | Shale     |
| 1950  | 1955 | 5          | Shale     |
| 1955  | 1960 | 5          | Shale     |
| 1960  | 1965 | 5          | Shale     |
| 1965  | 1970 | 5          | Shale     |
| 1970  | 1975 | 5          | Shale     |
| 1975  | 1980 | 5          | Shale     |
| 1980  | 1985 | 5          | Shale     |
| 1985  | 1990 | 5          | Shale     |
| 1990  | 1995 | 5          | Shale     |
| 1995  | 2000 | 5          | Shale     |



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 U.S. Land Office  
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 SENATE MEMBER  
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 LEGAL OR PATENT TO PROSPECT  
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Y. JONES CO. NEW BRIDGE

The summary of this well is for the condition of the well as above described.  
 Date \_\_\_\_\_  
 Signed \_\_\_\_\_  
 The information given above is a complete and correct report of the well and all work done thereon  
 as far as can be determined from all available records.  
 Location \_\_\_\_\_ of \_\_\_\_\_ and \_\_\_\_\_  
 Well No. \_\_\_\_\_  
 Located on Ford \_\_\_\_\_  
 State \_\_\_\_\_  
 Address \_\_\_\_\_  
 Copyrighted Bulletin \_\_\_\_\_ 1900

OT OR CAS BANDS OR 10 FEB

(3)  $\mathcal{A} \in \mathcal{A}(\mathcal{A})$

well, arrived from surface to total depth by rotary tools without difficulty. Can 5 1/2 inch, 15 1/2 pound, 155 casing to 2630 feet below Kelly bushings. cemented with 75 sacks, and reamed out with 1000 pounds. Perforated casing with 9/16 bullets as follows: 17 shots 2582 to 2600, 20 to 2575 to 2578, 32 shots 2557 to 2565, 16 shots 2551 to 2555, 24 shots 2544 to 2550, 24 shots 2536 to 2542. All made brackish water after (Leads to ppm chlorides. Filled out feet of 5 1/2 inch casing. Plug and abandoned.

No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_  
No. 1, from \_\_\_\_\_ to \_\_\_\_\_

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JAN 19 1964

## HISTORY OF OIL OR GAS WELL

| HISTORY OF WORK ON GAS WELL                                                                                                                  |          |            |        |                          |
|----------------------------------------------------------------------------------------------------------------------------------------------|----------|------------|--------|--------------------------|
| FROM—                                                                                                                                        | TO—      | TOTAL FEET | COVERT | FORMATION                |
| 1865                                                                                                                                         | 2023     | 158        |        | Shaly sand               |
| 2023                                                                                                                                         | 2080     | 57         |        | Gale                     |
| 2080                                                                                                                                         | 2330     | 250        |        | Hard                     |
| 2330                                                                                                                                         | 2525     | 195        |        | Gale with sand stringers |
| 2525                                                                                                                                         | 2600     | 75         |        | Hard                     |
| 2600                                                                                                                                         | 2610 1/2 | 30         |        | Gale                     |
| FORMATION RECORD                                                                                                                             |          |            |        |                          |
|                                                                                                                                              |          | Driller    |        | Driller                  |
|                                                                                                                                              |          | Driller    |        | Driller                  |
| EMPLOYERS                                                                                                                                    |          |            |        |                          |
| Work done for 24 hours was 1 1/2 days, and 1 1/2 days. It was estimated per 24 hours 1000 cu. ft. of gas. Work done, the person              |          |            |        |                          |
| Galena gasoline per 1000 cu. ft. of gas Consumption, W.A. Barrels of fluid or sand 1 1/2 was oil; 1 1/2 was gas. Time to produce 1 1/2       |          |            |        |                          |
| DATES                                                                                                                                        |          |            |        |                          |
| October 1, 1900 to October 1, 1900                                                                                                           |          |            |        |                          |
| October 1, 1900 to October 1, 1900                                                                                                           |          |            |        |                          |
| TOOLS USED                                                                                                                                   |          |            |        |                          |
| Drill bit, 1 1/2 ft. long, 1 1/2 in. diameter. Drill bit, 1 1/2 ft. long, 1 1/2 in. diameter. Drill bit, 1 1/2 ft. long, 1 1/2 in. diameter. |          |            |        |                          |
| VALUES AND ADAPERS                                                                                                                           |          |            |        |                          |
| Drill bit, 1 1/2 ft. long, 1 1/2 in. diameter. Drill bit, 1 1/2 ft. long, 1 1/2 in. diameter. Drill bit, 1 1/2 ft. long, 1 1/2 in. diameter. |          |            |        |                          |
| MAKING AND REMOVING RECORD                                                                                                                   |          |            |        |                          |
| Drill bit, 1 1/2 ft. long, 1 1/2 in. diameter. Drill bit, 1 1/2 ft. long, 1 1/2 in. diameter. Drill bit, 1 1/2 ft. long, 1 1/2 in. diameter. |          |            |        |                          |
| APPENDIX                                                                                                                                     |          |            |        |                          |
| Drill bit, 1 1/2 ft. long, 1 1/2 in. diameter. Drill bit, 1 1/2 ft. long, 1 1/2 in. diameter. Drill bit, 1 1/2 ft. long, 1 1/2 in. diameter. |          |            |        |                          |