

## Santa Fe

U. S. LAND OFFICE ~~67-000134~~

SERIAL NUMBER .....

LEASE OR PERMIT TO PROSPECT .....

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**LOG OF OIL OR GAS WELL.**

Company **Century Exploration, Inc.** Address **Box 168, Farmington, New Mexico**  
 Lessor or Tract **Blanco** Field **Basin** State **New Mexico**  
 Well No. **1** Sec. **20** T. **25N** R. **9W** Meridian **NMPM** County **San Juan**  
 Location **1190** ft. **[N]** of **S** Line and **990** ft. **[E]** of **W** Line of **Section 20** Elevation **6674**

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 \_\_\_\_\_ Original signed by T. A. Dugan

Date **May 10, 1961**      Signed \_\_\_\_\_ Title **Engineer**

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

Commenced drilling 3-27 1961 Finished drilling 4-28 1961

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

|                                            |                            |
|--------------------------------------------|----------------------------|
| No. 1, from <u>6380</u> to <u>6416 (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 \_\_\_\_\_ 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—  |            |
| 2-5/8       | 244             | 8-20             |      | 160.75  | Texas Pattern |                     |            |      | Surface    |
| 4           | 21,500.5        | 8-24             | 0743 | 6501.72 | 9000          |                     | 6300       | 6414 | Insulation |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8-5/8       | 174       | 130 sk                 | Pump Plug   |             |                    |
| 4 1/2       | 6200      | 200 sk                 | Pump Plug   |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----  
Adapters—Material ----- Size -----

## SHOOTING RECORD

[illegible]

## TOOLS USED

Rotary tools were used from 0 feet to 6500 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

|                 |              |                  |    |
|-----------------|--------------|------------------|----|
| <del>5-8-</del> | 19 <b>61</b> | Put to producing | 19 |
|-----------------|--------------|------------------|----|

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 **2152** **ACF** Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1976

**EMPLOYEES**

## EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION           |
|-------|-----|------------|---------------------|
|       |     |            | <u>Los Toms</u>     |
|       |     |            | Picture Cliffs 1899 |
|       |     |            | Lewis 1935          |
|       |     |            | Point Lookout 4298  |
|       |     |            | Mancos 4513         |
|       |     |            | Gallup 5358         |
|       |     |            | Greenhorn 6140      |
|       |     |            | Graneros 6180       |
|       |     |            | Dakota 6330         |
| 1804  | 40  | 714.185    | 1007740             |

[OVER]

10-48794-4

14-00000

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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

IMPORTANT WATER SANDS

|             |    |             |    |
|-------------|----|-------------|----|
| No. 1, from | to | No. 8, from | to |
| No. 2, from | to | No. 4, from | to |

# CASING RECORD

| Size<br>Casing<br>Per foot | Weight<br>Per foot | Threads per<br>inch | W. lbs | Amount | Kind of stone | Run and wellbore from | Perforated<br>To—<br>From | Purpose |
|----------------------------|--------------------|---------------------|--------|--------|---------------|-----------------------|---------------------------|---------|
|----------------------------|--------------------|---------------------|--------|--------|---------------|-----------------------|---------------------------|---------|

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 reworked, state in the well, give the date and reason therefor. If the well has been dynamited, give the date, size, and depth of the shot, to bursts. If slugs of mud were put in to test for water, state kind of material used, position, and results of pumping. In pulling or pushing the pump, state the position of the pump, and results of pumping. In pulling or pushing the pump, state the position of the pump, and results of pumping.

## HISTORY OF OIL OR GAS WELL

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MODDING AND CEMENTING RECORD

[illegible]

5

| Having plus—Material | Length | Ditch set |
|----------------------|--------|-----------|
| Adapted—Material     |        |           |

## SHOOTING RECORD:

| Sl. No. | Particulars | Amount | Total |
|---------|-------------|--------|-------|
| 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     | ...         | ...    | ...   |

TOOLS USED

|                             |    |          |    |
|-----------------------------|----|----------|----|
| Rotary tools were used from | to | and from | to |
| Cable tools were used from  | to | and from | to |

DATE

|                                           |       |                                           |
|-------------------------------------------|-------|-------------------------------------------|
| It was well run 16 per 24 hours           | 16.25 | Gallons gasoline per 1,000 cu. ft. of gas |
| 38 water and 17 sediment                  |       | Quantity of oil                           |
| The production for the first 24 hours was |       | barrels of fluid in which 38 was oil      |
| 16.25                                     |       | But no production                         |

EMPLOYEES

|         |         |
|---------|---------|
| Driller | Driller |
| Driller | Driller |

FORMATION RECORD

[illegible]

**FORMATION RECORD—Continued**

10/23/50