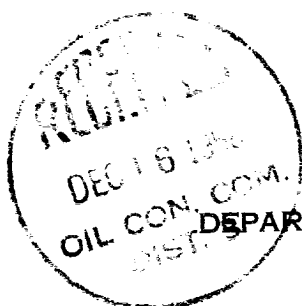


A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares.

U. S. LAND OFFICE ----- **Navajo** -----  
SERIAL NUMBER ----- **14-20-603-2031** -----  
LEASE OR PERMIT TO PROSPECT -----

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED  
DEC 15 1958  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO  
AS WELL

# LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company D. F. Sudduth Address 1313 Bloomfield Rd., Farmington  
Lessor or Tract Navajo Field Wildcat State N. M.  
Well No. 1 Sec. 19 T. 30 R. 16 Meridian San Juan County  
Location 660 ft. N. of S Line and 660 ft. E. of W Line of xx Elevation 5127  
(Derrick floor relative to xx)  
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 James C. Buchanan

Date ~~December 4, 1958~~

**December 4, 1958**  
The summary on this page is for the condition of the well at above date.

Commenced drilling ----- **November 7** -----, 19----- **58** Finished drilling ----- **December 2** -----, 19----- **58**

**OIL OR GAS SANDS OR ZONES**

(Denote gas by  $G$ )

No. 1, from ----- 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 ----- to -----

No. 2, from ----- to -----

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

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

## CASING RECORD

[illegible]

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8 5/8       | 90        | 50                     | Halliburton |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material 50 sk. Dakota Length \_\_\_\_\_ Depth set 1300 to 1100  
 Add ~~plug set~~ Material 50 sk. Tozito Size \_\_\_\_\_ 750 to 500

## SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 1492 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

Plug to Abandon \_\_\_\_\_, 19\_\_\_\_58 Put to producing \_\_\_\_\_, 19\_\_\_\_  
**December 2,**  
 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

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

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

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION                                                                                                                                                                                                                                   |
|-------|-----|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       |     |            | <p>Mancos on surface 650' to 7</p> <p>Top Gallup 780' to 8</p> <p>Greenhorn 1170' to 14</p> <p>Top Dakota 1475'</p> <p>Morrison 1492'</p> <p>Total Depth</p> <p>Run Drill Stem Test from 673' to 71</p> <p>and recovered sulphur water.</p> |

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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

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

| FROM- | TO- | TOTAL FEET | FORMATION |
|-------|-----|------------|-----------|
|       |     |            |           |

**FORMATION RECORD—Continued**