

U. S. LAND OFFICE Santa FeSERIAL NUMBER NM 02854-A

LEASE OR PERMIT TO PROSPECT

San Juan 32-5 Unit

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

AUG 31 1953

U. S. GEOLOGICAL SURVEY

FARMINGTON, N. M.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Stanford Oil and Gas Company Address Bx 591, Tulsa, Oklahoma
Lessor or Tract San Juan 32-5 Unit Field Wildcat State New Mexico

Well No. 1 Sec. 14 T. 32N R. 5W Meridian NMP County Rio Arriba
Location 330 ft. IN of SE line and 330 ft. IN of W line of Section 14 Elevation 7289

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 H. A. Blackwell
Date August 26, 1953 Title Field Superintendent

The summary on this page is for the condition of the well at above date. - 1953. - 1953. - 1953.

Commenced drilling May 26, 1953 Finished drilling June 21, 1953

OIL OR GAS SANDS OR ZONES

No. 1 from 330 ft. IN of SE line and 330 ft. IN of W line of Section 14 Elevation 7289

No. 2 from 330 ft. IN of SE line and 330 ft. IN of W line of Section 14 Elevation 7289

No. 3 from 330 ft. IN of SE line and 330 ft. IN of W line of Section 14 Elevation 7289

No. 4 from 330 ft. IN of SE line and 330 ft. IN of W line of Section 14 Elevation 7289

No. 5 from 330 ft. IN of SE line and 330 ft. IN of W line of Section 14 Elevation 7289

No. 6 from 330 ft. IN of SE line and 330 ft. IN of W line of Section 14 Elevation 7289

IMPORTANT WATER SANDS

No. 1 from 330 ft. IN of SE line and 330 ft. IN of W line of Section 14 Elevation 7289

No. 2 from 330 ft. IN of SE line and 330 ft. IN of W line of Section 14 Elevation 7289

No. 3 from 330 ft. IN of SE line and 330 ft. IN of W line of Section 14 Elevation 7289

No. 4 from 330 ft. IN of SE line and 330 ft. IN of W line of Section 14 Elevation 7289

No. 5 from 330 ft. IN of SE line and 330 ft. IN of W line of Section 14 Elevation 7289

No. 6 from 330 ft. IN of SE line and 330 ft. IN of W line of Section 14 Elevation 7289

CASING RECORD

Size casing 8-5/8" Weight 28 Threads per inch 8 Make Made in Germany Amount 299 Kind of shoe Guide

From 0 To 4235 Purpose Perforated

Size casing 8-5/8" Where set 312 Number sacks of cement 150 Method used Displacement

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Case No.	Well Name	Location	Depth (feet)	Amount of mud used
1	275	320	320	320
2	320	320	320	320
3	320	320	320	320
4	320	320	320	320
5	320	320	320	320
6	320	320	320	320
7	320	320	320	320
8	320	320	320	320
9	320	320	320	320
10	320	320	320	320

MUDGING AND CEMENTING RECORD

HISTORY OF OIL OR GAS WELL

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

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.

Well was spudded at 6:00 A.M., May 26, 1953, and drilled to a total depth of 4235 feet with rotary rig. On May 27, 1953, 8-5/8" casing was landed at 312 feet and cemented with 150 sacks of cement. Seven drill stem tests were taken over the Fruitland and Pictured Cliffs formations with no commercial shows of oil or gas. DST No. 1 (3790 - 3860'). Tool open one hour and 15 minutes. Strong gas in 5 minutes to weak blow in 20 minutes. Volume too small to measure. Recovered 360 feet slightly gas cut mud and 60 feet fresh water. Initial and final flowing pressure - 0. 30 minutes SIBHP 525 pounds. DST No. 2 hole bridged at 3570. DST No. 3 (3858 - 3921'). Tool open 1 hour. Moderate blow air to surface immediately to strong blow in 5 minutes to weak blow in 25 minutes. Weak blow at end of test. Recovered 420 feet mud, 3183 feet fresh water. Initial flowing pressure 1200 psi. and final flowing pressure 1800 psi. No shut-in pressure obtained. DST No. 4 (3928 - 3980'). Tool open 1 hour. Air to surface in 20 seconds. Good blow air throughout. Recovered 60 feet very slightly gas cut mud and 570 feet fresh water. Initial flowing pressure - 0 and final flowing pressure 175 pounds. 30 minutes SIBHP 1600 pounds. Hydrostatic pressure 1875 pounds. DST No. 5 (3980 - 4080'). Tool open 1 hour. Air to surface immediately. Gas to surface in 8 minutes. Slight blow throughout. Gas too small to measure. Recovered 80 feet gas cut mud. BHP - 0. Shut in 30 minutes. SIBHP - 0. Hydrostatic pressure 1925 pounds. DST No. 6 (4080 - 4235'). Pictured Cliffs sands. Tool open 1 hour. Air to surface immediately. Slight blow of air throughout. Recovered 60 feet slightly gas cut mud. BHP - 0. 30 minutes SIBHP - 0. Hydrostatic pressure 2100 psi. Spotted 50 sack regular cement plus 6% gel plus 55 cu. ft. perlite at 3860 back to 3630. Found hard cement at 3775 feet. Recement with 50 sacks regular cement from 3775 back to 3630. Drilled off to 3660. DST No. 7 (3625 - 3660'). Tool open 1 1/2 hours. Medium to weak blow to surface throughout test. Gas to surface in 40 minutes. Too small to measure. Recovered 650 feet fresh water and 30 feet gas cut mud. Initial flowing pressure 175 pounds and final flowing pressure 300 pounds. 30 minutes SIBHP 925 pounds. Hydrostatic pressure 1775 pounds.

FOCAL MEET CORRECTLY

We propose to temporarily plug and abandon this well as follows:

1. Fill hole with heavy mud from 3660 feet to surface.
2. Remove the well head equipment and install a 8-5/8" swaged nipple with a 1" 2000 pound test globe valve and 1" bull plug in top of globe valve.

DEPARTMENT OF THE INTERIOR

UNITED STATES

REVENUE OF PENNSYLVANIA TO PROSPECT

REVENUE OF PENNSYLVANIA

U.S. FIELD OFFICE

U.S. FIELD OFFICE

FORM 8-330

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