

A 10x10 grid with a thick border on the left and top. A single black dot is located in the bottom right quadrant, specifically in the 8th column and 2nd row from the bottom right corner.

REC-10-198
OIL CON. COM.
DIST. 6

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078905
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Stanolind Oil & Gas Company Address Box 487, Farmington, New Mexico
 Lessor or Tract Gallegos Canyon Unit Field West Kutz-
Pictured Cliffs State New Mexico
 Well No. 71 Sec. 31 T. 28N R. 12W Meridian NMPM County San Juan
 Location 790 ft. $\left\{ \begin{array}{c} \text{N.} \\ \text{E.} \end{array} \right\}$ of S. Line and 1079 ft. $\left\{ \begin{array}{c} \text{E.} \\ \text{W.} \end{array} \right\}$ of W. Line of Section 31 Elevation 5716
 (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. S M

Date October 18, 1955 Title Field Superintendent

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

Commenced drilling ----- **September 14** -----, 19 **55**. Finished drilling ----- **September 27** -----, 19 **55**.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1303 to 1326 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
9 5/8"	94'	85	Circulated		
5 1/2"	1303'	75	"		

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 1303 feet, and from _____ feet to _____ feet
Cable tools were used from 1303 feet to 1345 feet, and from _____ feet to _____ feet

DATES

-----October 4-----, 1955----- 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 3823 MCF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 365 psi slip

EMPLOYEES

H. L. Shults, Driller
Jerry Sick, Driller
E. G. Tadlock, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1080	1080	Surface Sands & Shales
1080	1298	218'	Fruitland
1298	1342	44'	Pictured Cliffs

FORMATION RECORD—Continued

[illegible]

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.

The well was spudded on September 14, 1955. On September 15, 1955, 9-5/8" casing was landed at 94' with 85 sacks. After waiting on cement 24 hours, casing and water shut off were tested with 500# for 30 minutes with no drop in pressure. Drilling operations were resumed.

On September 18, 1955, 5-1/2" casing was landed at 1303' with 75 sacks of cement. After waiting on cement 5 days, hole was bailed dry and tested for water shut off. Test proved good. Drilling operations were resumed.

On September 28, 1955, the well was sand-water traced from 1345-1303' with 20,000 gallons water and 25,000# sand. Maximum pressure 1200#, treating pressure 1000#, overall injection rate 50.5 BPM. Test before frac treatment 645 MCFFD; test after frac treatment 3823 MCFFD.

test after frac treatment 3823 MCFPD.