

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 09967
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 G. L. DAVIES Field Wildcat State New Mexico
Well No. 1 Sec. 27 T. 28N R. 13W Meridian NMPM County San Juan
Location 990 ft. (N) of N Line and 990 ft. (E) of W Line of Sec. 27 Elevation 6025
(Feet 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.

Date December 28, 1956 Signed [Signature] Title Field Superintendent

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

Commenced drilling October 11, 1956 Finished drilling November 21, 1956

OIL OR GAS SANDS OR ZONES Rotary Drive Bushing Elev. 6026
(Denote gas by G)

No. 1, from 6195 to 6315 (G) 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—	
9-5/8"	32.3#	SRT	National	499	Guide				Surface
5-1/2"	14#	SRT	National	6431	Guide				Oil String

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
MARK	9-5/8"	505	300	Halliburton Plug		
	5-1/2"	6400	300	Halliburton Plug		

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 0 feet to 6400 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

-----**December 7**-----, 19**56**----- Put to producing ~~Shut-in~~-----, 19-----
The production for the first 24 hours was **12**----- barrels of fluid of which **100**% was oil; **0**%
emulsion; **0**% water; and **0**% sediment. Gravity, °Bé. -----
If gas well, cu. ft. per 24 hours **5,368,000**----- Gallons gasoline per 1,000 cu. ft. of gas -----
Rock pressure, lbs. per sq. in. **425**-----

EMPLOYEES

W. D. Hall, Driller
R. T. Causey, Driller
W. R. Teague, Driller
John Garrett, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	500	500	Surface sand & shale
500	695	95	Ojo Alamo sand & shale
695	1330	635	Kirtland-Farmington
1330	1610	280	Fruitland shale & coal
1610	1730	120	Pictured Cliffs sand & shale
1730	3140	1410	Lewis sand & shale
3140	3210	70	Cliffhouse sand & shale
3210	4075	865	Manefee shale
4075	4230	155	Point Lookout sand & shale
4230	6195	1965	Mancoes shale, Gallup, Greenhorn, Graneros
6195	6320	125	Dakota sand & shale
6320	6390	70	Shale
6390	TD	10	Sand

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1. The first part of the document is a letter from the President of the United States to the Secretary of the Navy, dated 1890. The letter is signed by William McKinley and is addressed to the Secretary of the Navy, John D. Long. The letter is dated 1890 and is signed by William McKinley.

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Well was spudded on October 11, 1956. On October 12, 1956, 9-5/8" casing was landed at 505' and cemented with 300 sacks cement. After waiting on cement for 24 hours, casing and water shut off were tested with 1200 pounds pressure for 30 minutes with no drop in pressure. Drilling operations were resumed. On November 26, 1956, 5-1/2" casing was landed at 6400' and cemented with 300 sacks of cement. After waiting on cement for 48 hours, casing and water shut off were tested with 1100 pounds pressure for 30 minutes with no drop in pressure. On December 3, 1956, the well was perforated with 4 jet shots per foot from 6204' to 6319'. Well was then fracked through these perforations with 15,000 gallons of oil and 15,000 pounds sand. Formation broke at 1500 pounds, treating pressure 2100-2300 pounds, and injection rate was 44.7 barrels per minute. Preliminary test was 5368 MCF per day and an estimated 12 barrels oil per day.

[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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

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