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U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **079181**
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Caswell Silver & Douglas Corp Address 327 Denver-U.S.N. Bank Bldg.
Lessor or Tract Federal Field Star Lake State New Mexico
Well No. 4-8 Sec. 8 T. 19N R. 5W Meridian NMPM County McKinley
Location 330 ft. N of S Line and 330 ft. E of W Line of Sec 8 Elevation _____
(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.

Signed Douglas Corp. by W. E. Mendenhall

Date November 22, 1957 Title Operator

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

Commenced drilling October 30, 1957 Finished drilling November 7, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1945 to 1959 No. 4, from _____ to _____
No. 2, from 2014 to 2016 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

[illegible]

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
Fractured with 16,500# 20/40 Sand - 1945-1959.						
Break down pressure 1300# - injection pressure 1100#						
Put away 525 bbls. load oil.						

TOOLS USED

Rotary tools were used from 0 feet to 2100 feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

November 18, 1957 Put to producing November 18, 1957

The production for the first 24 hours was 60 barrels of fluid of which 21 % was oil; ----- % emulsion; 79 % water; and ----- % sediment. Gravity, °Bé. 35°

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

T. F. Mannion	Driller	C. L. Higgenbotham	Driller
E. S. Dyer	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>Formation tops</u>
0	500	500	Sand & Shale
500	630	630	Sand & Shale
630	705	75	Shale
705	745	40	Sand
745	858	113	Sand & Shale
858	915	57	Shale
915	945	30	Sand & Shale
945	1050	105	Sand & Shale
1050	1100	50	Sand
1100	1280	180	Shale
1280	1800	500	Sand & Shale
1800	1900	100	Shale
1900	1920	20	Sand
1920	1930	10	Shale
1930	1959	29	Sand
1959	2014	55	Shale
2014	2020	6	Sand
2020	2028	8	Sand
2028	2062	34	Shale
2062	2100	38	Sand
			Mesa Verde
			Menefee
			Point Lookout

U.S. LAND OFFICE
WASHINGTON, D.C.
JAN 10 1964

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LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. The lines are thin and black, set against a white background. There are no markings or text on the page.

The following information is for the completion of the form above:

Name of individual or firm: _____
Address: _____
City: _____ State: _____ Zip: _____

Location of site: _____
Type of site: _____
Date of survey: _____

This document is prepared by the _____
on behalf of the _____.

NO LIO SAC STAS NO MON

(5) *no storage*

to	from 1.4%	to	from 1.4%
to	from 1.6%	to	from 1.6%
to	from 1.8%	to	from 1.8%
to	from 2.0%	to	from 2.0%

IMPORTANT WATER SANDS

No. 1 from	No. 2 from	No. 3 from	No. 4 from
No. 1 from	No. 2 from	No. 3 from	No. 4 from

CASING RECORD

[illegible]

HISTORY OF OIL OR GAS WELL

[illegible][illegible]