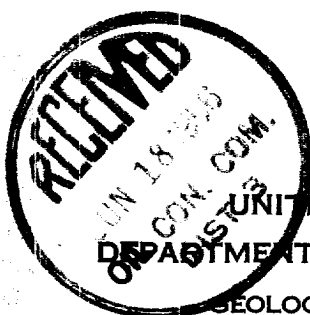


A 10x10 grid with a handwritten 'X' in the top right corner. The 'X' is formed by two intersecting diagonal lines within the top-right square of the grid.

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078058**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
INTERIOR
MAY 11 1956
U. S. GEOLOGICAL SURVEY
SARASOTA, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sunray Mid-Continent Oil Company Address Box 128, Hobbs, New Mexico
 Lessor or Tract Federal "B" Field Undesignated State New Mexico
 Well No. 1 Sec 17 T 25N R 12W Meridian N.M.P.M. County San Juan
 Location 660 ft. EX of N Line and 660 ft. EX of E Line of Sec 17 Elevation 6240

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 Hal M. Stewart
Date May 11, 1956 Title Field Engineer

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

Commenced drilling March 29, 1956 Finished drilling April 22, 1956

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. 3, from _____ to _____
No. 2, 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	240	200 w/21 00	Pump & Plug	Native	
7"	4910	175	Pump & Plug	Native	

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 1915 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

April 26, 1956 Put to producing April 23, 1956

The production for the first 24 hours was 480 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 39.8-600

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

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0		1143 3580 3725 4643 4915	Top Pie Cliffs Top Point Lookout Top Mancos Top Gallup TD

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

A 10x10 grid with a handwritten 'X' in the top-left corner. The grid is composed of thin, light gray lines. The 'X' is drawn in the top-left cell, with its arms extending slightly into the adjacent cells. The rest of the grid is empty.

(Denote gas by G)

OIL OR GAS SANDS OR ZONES

CREATING RECORD

No. 5 from	Sounded 3-29-56.
No. 4 from	9-5/8" cog set 3-30-56.
No. 3 from	7" cog set 4-22-56.
No. 1 from	Fert 7" cog 17301 to WATER GAINING & 50,000 gal oil. Set bridge plug at 4785. No. 6 from
No. 3 from	Performed 4760 to 4780 Sounded well & started flowing 4-23-56
No. 2 from	No. 4 from
No. 1 from	

Serial	Date	Place	Amount	Kind of stone	Out and pulled from	Purposes
1	1917	1917	1917	1917	1917	1917
2	1917	1917	1917	1917	1917	1917
3	1917	1917	1917	1917	1917	1917
4	1917	1917	1917	1917	1917	1917
5	1917	1917	1917	1917	1917	1917
6	1917	1917	1917	1917	1917	1917
7	1917	1917	1917	1917	1917	1917
8	1917	1917	1917	1917	1917	1917
9	1917	1917	1917	1917	1917	1917
10	1917	1917	1917	1917	1917	1917
11	1917	1917	1917	1917	1917	1917
12	1917	1917	1917	1917	1917	1917
13	1917	1917	1917	1917	1917	1917
14	1917	1917	1917	1917	1917	1917
15	1917	1917	1917	1917	1917	1917
16	1917	1917	1917	1917	1917	1917
17	1917	1917	1917	1917	1917	1917
18	1917	1917	1917	1917	1917	1917
19	1917	1917	1917	1917	1917	1917
20	1917	1917	1917	1917	1917	1917
21	1917	1917	1917	1917	1917	1917
22	1917	1917	1917	1917	1917	1917
23	1917	1917	1917	1917	1917	1917
24	1917	1917	1917	1917	1917	1917
25	1917	1917	1917	1917	1917	1917
26	1917	1917	1917	1917	1917	1917
27	1917	1917	1917	1917	1917	1917
28	1917	1917	1917	1917	1917	1917
29	1917	1917	1917	1917	1917	1917
30	1917	1917	1917	1917	1917	1917
31	1917	1917	1917	1917	1917	1917
32	1917	1917	1917	1917	1917	1917
33	1917	1917	1917	1917	1917	1917
34	1917	1917	1917	1917	1917	1917
35	1917	1917	1917	1917	1917	1917
36	1917	1917	1917	1917	1917	1917
37	1917	1917	1917	1917	1917	1917
38	1917	1917	1917	1917	1917	1917
39	1917	1917	1917	1917	1917	1917
40	1917	1917	1917	1917	1917	1917
41	1917	1917	1917	1917	1917	1917
42	1917	1917	1917	1917	1917	1917
43	1917	1917	1917	1917	1917	1917
44	1917	1917	1917	1917	1917	1917
45	1917	1917	1917	1917	1917	1917
46	1917	1917	1917	1917	1917	1917
47	1917	1917	1917	1917	1917	1917
48	1917	1917	1917	1917	1917	1917
49	1917	1917	1917	1917	1917	1917
50	1917	1917	1917	1917	1917	1917
51	1917	1917	1917	1917	1917	1917
52	1917	1917	1917	1917	1917	1917
53	1917	1917	1917	1917	1917	1917
54	1917	1917	1917	1917		

Casing Running	Dressed	Number sacks of cement	Mix used here	Mix gravity	Amount of mud used
7-8	6-9	200 1/2	1-2	1-2	
9-10	7-8	200	1-2	1-2	

Thermometers—Material	Size	Length	Depth set

[illegible]

Rotary tools were used from	to	feet to	feet and from	feet to
Cable tools were used from	feet to	feet to	feet and from	feet to

Page 10 of 10

Black pressure, lbs. per sq. in.	
Gas well, cu. ft. per 24 hours	
Condensate, cu. ft. water; and % sediment	
Gross wt. °BA	

Driver	Driver		
Driver	Driver		

FROM	TO	TOTAL FEET	FORMATION

[illegible]

FORMATION

18450