

Santa Fe

U. S. LAND OFFICE
SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

100-471-1111

Company Sunray Mid-Continent Oil Co. Address All W. Main

Lessor or Tract H. H. Federal, B Field Bisti-Gallup State N. M.

Well No. 4 Sec. 27 T. 35 R. 12 Meridian NMPN County San Juan

Location 660 ft. N. of 1 Line and 1900 ft. E. of W Line of Sec. 17 Elevation 6302

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 8-16-56 Signed R.M. Stierwalt
Title R.M. Stierwalt

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

Commenced drilling 7-19, 1956 Finished drilling 8-2, 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
4 3/8	382	223	Pump & Plug		
5 1/2	4969	200	Pump & 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 4990 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

----- **8-16** -----, 19 **56** Put to producing ----- **8-2** -----, 19 **56**

The production for the first 24 hours was 71.60 barrels of fluid of which 100% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity. °Ré 38.5

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
			<u>Shlumberger Tena</u>
			Pictured Cliff 1198
			Point Lookout 3633
			Mances 3802
			Gallup 4712
			Lower Gallup 4798

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES

GEOLOGICAL SURVEY

LEASE OR PERMIT TO PROTECT

SERIAL NUMBER

U.S. LAND OFFICE

Approved: expires 12-31-60.
Budget Bureau No. 42-B3254.

LOG OF OIL OR GAS WELL

Y ITCHERBOO NEW BLACK

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. There are no markings or text on the page.

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 _____

_____ of _____ and _____
[Seal] [Signature]
Secretary of the Board of Supervisors
County of _____ State of _____

I hereby certify that the foregoing is a true and correct copy of the original as same appears in my files.

County Clerk

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

Date _____

OIL OR GAS SANDS OR ZONES

(b) (5) DPP, (b) (5) ACP

No. 1 from _____ to _____ No. 4 from _____
 No. 2 from _____ to _____ No. 5 from _____
 No. 3 from _____ to _____ No. 6 from _____
 IMPORTANT WATER SANDS
 No. 1 from _____ to _____ No. 2 from _____
 No. 3 from _____ to _____ No. 4 from _____

RECEIVED
 1917
 MAY 11
 10 AM
 DIST. DIV.

CASING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, 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 16-43094-2

MIDDLETOWN AND CEMENTING RECORD

Testing site	Where set	Number sacks of cement	Method used	Wind direction	Amount of mud used
1	100	100	1	100	100
2	100	100	1	100	100
3	100	100	1	100	100
4	100	100	1	100	100
5	100	100	1	100	100
6	100	100	1	100	100
7	100	100	1	100	100
8	100	100	1	100	100
9	100	100	1	100	100
10	100	100	1	100	100
11	100	100	1	100	100
12	100	100	1	100	100
13	100	100	1	100	100
14	100	100	1	100	100
15	100	100	1	100	100
16	100	100	1	100	100
17	100	100	1	100	100
18	100	100	1	100	100
19	100	100	1	100	100
20	100	100	1	100	100
21	100	100	1	100	100
22	100	100	1	100	100
23	100	100	1	100	100
24	100	100	1	100	100
25	100	100	1	100	100
26	100	100	1	100	100
27	100	100	1	100	100
28	100	100	1	100	100
29	100	100	1	100	100
30	100	100	1	100	100
31	100	100	1	100	100
32	100	100	1	100	100
33	100	100	1	100	100
34	100	100	1	100	100
35	100	100	1	100	100
36	100	100	1	100	100
37	100	100	1	100	100
38	100	100	1	100	100
39	100	100	1	100	100
40	100	100	1	100	100
41	100	100	1	100	100
42	100	100	1	100	100
43	100	100	1	100	100
44	100	100	1	100	100
45	100	100	1	100	100
46	100	100	1	100	100
47	100	100	1	100	100
48	100	100	1	100	100
49	100	100	1	100	100
50	100	100	1	100	100
51	100	100	1	100	100
52	100	100	1	100	100
53	100	100	1	100	100
54	100	100	1	100	100
55	100	100	1	100	100
56	100	100	1	100	100
57	100	100	1	100	100
58	100	100	1	100	100
59	100	100	1	100	100
60	100	100	1	100	100
61	100	100	1	100	100
62	100	100	1	100	100
63	100	100	1	100	100
64	100	100	1	100	100
65	100	100	1	100	100
66	100	100	1	100	100
67	100	100	1	100	100
68	100	100	1	100	100
69	100	100	1	100	100
70	100	100			

PLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

Size	Well used	Exposure used	Quantity	Date	Depth shot	Depth cleared out

TOOTS LEEB

test	of test	most from test	of test	most from test
test	of test	most from test	of test	most from test

DATE

Back pressure, lbs. per sq. in.	
Flow well on ft. per 24 hours	
Water and sediment	
The production for the first 24 hours was	74.60 barrels of fluid of which 72.98 was oil; .62
Put in producing	10-1

EMPTOES

[illegible]

INFORMATION RECORD

EXHIBIT -	TO-	TOTAL REBT	FORWARDED BY
			1. [illegible] 2. [illegible] 3. [illegible] 4. [illegible] 5. [illegible] 6. [illegible] 7. [illegible] 8. [illegible] 9. [illegible] 10. [illegible]