

U. S. LAND OFFICE Artesia, N.M.
SERIAL NUMBER 049998a
LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

AUG 22 1951

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sunray Oil Corporation Address 1824 Fiar Bldg., Ft. Worth 2, Texas
 Lessor or Tract B. L. Foster Field Grayburg-Jackson State New Mexico
 Well No. 5 Sec. 17 T. 17S R. 31E Meridian N.M.P.M. County Eddy
 Location 660 ft. { N } of N. Line and 1980 ft. { NE } of E. Line of Sec. 17 Elevation _____
 { S } { W } (North, East, relative to well)

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 J. F. Adkinson Jr.

Date June 6, 1944 Title Division Engineer

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

Commenced drilling January 27, 19 44 Finished drilling April 12, 19 44

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3092 to 3097 No. 4, from _____ to _____
 No. 2, from 3139 to 3162 No. 5, from _____ to _____
 No. 3, from 3225 to 3243 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 475 to 490 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
10"	37'	8	Pumped		none
8 5/8"	559'	50	Plug		none
7"	2964'	125	Plug		none

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
5"		SNG	260 qts	4-20-44	3210-66	3270
Acidized w/2000 gals 2970-3485 on 4-4-44						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 3595 feet, and from _____ feet to _____ feet

DATES

Put to producing April 13, 1954

The production for the first 24 hours was 50 barrels of fluid of which 99.7 % was oil; 0.3 % emulsion; ----- % water; and ----- % sediment. Gravity. °Bé. 36.6 corrected

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

C. F. Shannen	Driller	Jim Thompson	Driller
Tom McMann	Driller		Driller

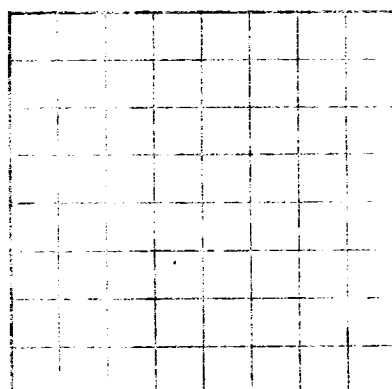
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	45	45	Sand
45	195	150	Red Rock
195	255	60	Sandy Red Rock
255	350	95	Red Rock
350	385	35	Gypsum
385	430	45	Anhydrite
430	490	60	Anhydrite, Shells & Red Rock
490	540	50	Water @ 475' - 15 bailers/hr.
540	563	23	Red Rocks
563	568	5	Salt
568	605	37	Anhydrite & Potash
605	640	35	Anhydrite & Salt
640	675	35	Salt
675	755	80	Salt & Anhydrite
755	780	25	Salt
780	800	20	Salt & Potash
800	870	70	Salt
870	810	30	Anhydrite & Salt
910	955	45	Salt & Potash
955	1080	125	Salt
1080	1120	40	Salt
1120	1180	60	Anhydrite & Salt
1180	1215	35	Salt
1215	1275	60	Anhydrite
1275		60	Anhydrite & Salt

(OVER)

LOKINYLION RECORD-CONTINUED

18-43094-1



LOCATE WELL CORRECTLY

DUPLICATE

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JAN 25 1921
OIL & GAS
HOBBES OFFICE

LOG OF OIL OR GAS

1. Name of well, location, and owner.
2. Date of completion.
3. Name of driller.
4. Name of operator.
5. Name of engineer.
6. Name of geologist.
7. Name of chemist.
8. Name of electrician.
9. Name of pumpman.
10. Name of other personnel.
11. Description of well.
12. Description of casing.
13. Description of tubing.
14. Description of pump.
15. Description of other equipment.
16. Description of other features.
17. Description of other notes.

OIL OR GAS SANDS OR ZONES

Depth	Oil or Gas	Sands or Zones
0 to 10	Oil	Sand
10 to 20	Oil	Sand
20 to 30	Oil	Sand
30 to 40	Oil	Sand
40 to 50	Oil	Sand
50 to 60	Oil	Sand
60 to 70	Oil	Sand
70 to 80	Oil	Sand
80 to 90	Oil	Sand
90 to 100	Oil	Sand

IMPORTANT WATER SANDS

Depth	Water	Sands
0 to 10	Water	Sand
10 to 20	Water	Sand
20 to 30	Water	Sand
30 to 40	Water	Sand
40 to 50	Water	Sand
50 to 60	Water	Sand
60 to 70	Water	Sand
70 to 80	Water	Sand
80 to 90	Water	Sand
90 to 100	Water	Sand

CASING RECORD

Depth	Casing
0 to 10	Casing
10 to 20	Casing
20 to 30	Casing
30 to 40	Casing
40 to 50	Casing
50 to 60	Casing
60 to 70	Casing
70 to 80	Casing
80 to 90	Casing
90 to 100	Casing

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 "gridded" or left in the well, give its size and location. If the well has been dynamited, give date, 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 balling.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
1225	1375	150	Salt Limestone
1375	1475	100	Salt Limestone
1475	1560	85	Salt Limestone
1560	1630	70	Red Rock
1630	1670	40	Anhydrite & Red Rock
1670	1700	30	Red Rock & Shells
1700	2890	1190	Anhydrite
2890	2905	15	Anhydrite & Lime
2905	3139	234	Lime
3139	3162	23	Sandy Lime
3162	3214	52	Lime
3214	3235	21	Sand, Small Show Oil & Gas
3235	3238	3	Sandy Lime
3238	3278	40	Sand, Oil 1000' 0.1-H. 3238-3243'
3278	3314	36	Lime
3314	3322	8	Lime & Shale
3322	3580	258	Lime
3580	3595	15	Lime Sandy, 6 bbls. water per day 3292-95
3595	3582	13	Plug Back w/Lead wool to 3582'
3582	3520	62	w/Cement to 3520'
3520	3570	50	w/Ree Gravel to 3570'