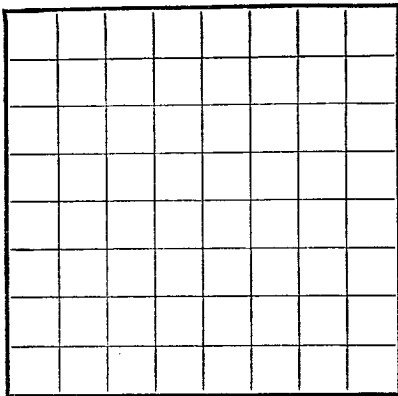


Form 9-330

New Mexico
Santa Fe,
U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Sunshine Royalty Company Address P. O. Box 1355, Roswell, New Mexico
Lessor or Tract E. M. Elliott Field North Benson State New Mexico
Well No. 2-220 Sec. 22 T. 18S R. 30E Meridian NMP County Eddy
Location 1980 ft. N. of S Line and 1980 ft. W. of E Line of Section 29 Elevation 3452
(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 _____ Title Vice President
Date January 17, 1964

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

Commenced drilling December 5, 1963 Finished drilling December 10, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2825 to 3075 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—	
<u>8-5/8</u>	<u>24</u>	<u>8</u>	<u>CPAI</u>	<u>535</u>	<u>Texas</u>	<u>Surface</u>			<u>Surface</u>
<u>5-1/2</u>	<u>14</u>	<u>8</u>	<u>CPAI</u>	<u>318</u>	<u>Guide</u>	<u>one hole per foot at</u>			<u>following depths 2828, 2841,</u>
									<u>2864, 2941, 2946, 2953, 2959,</u>
									<u>3023, 3029, 3074.</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>546</u>	<u>230</u>	<u>Halliburton</u>	<u>water</u>	<u>none</u>
<u>5-1/2</u>	<u>3193</u>	<u>150</u>	<u>Halliburton</u>	<u>brine water</u>	<u>none</u>

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 Surface feet to 3220 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 7, 1964 Put to producing December 13, 1963

The production for the first 24 hours was 10 barrels of fluid of which 100% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

G. P. Sanford, Driller M. C. Bonds, Driller
L. H. Arnold, Driller _____, Driller

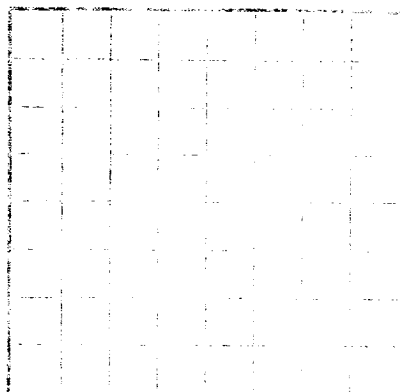
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Surface</u>	<u>520</u>	<u>520</u>	<u>Redbed</u>
<u>520</u>	<u>2078</u>	<u>1558</u>	<u>Salt and anhydrite</u>
<u>2078</u>	<u>2620</u>	<u>742</u>	<u>anhydrite</u>
<u>2820</u>	<u>3220</u>	<u>400</u>	<u>lime and sand</u>
			<u>Formation tops base of salt 1275,</u>
			<u>Queen sand 2602, Penrose sand 2824.</u>

(OVER)

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



Company name and address
Name of land owner
Section, Township, Range
The information given here is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records
Signed _____
Date _____

The running on this page is for the completion of the well on above date.
Completed drilling _____

OIL OR GAS SANDS OR TOOLS
(Specify for No. 1)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SAMPLES

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

Material used _____
Size of casing _____
Depth of 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 added or removed, state the 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 falling.

HISTORY OF OIL OR GAS WELL

16-45084-2 U. S. GOVERNMENT PRINTING OFFICE

MUDGING AND BLENDED RECORD

Number of shots	Material used	Amount of material

PLUGS AND ADAPTERS

Location of plug _____
Size _____
Depth _____

SHOOTING RECORD

Date	Quantity	Depth of shot	Depth of shot

TOOLS USED

Rotary tools were used from _____ feet to _____ feet and from _____ feet to _____ feet
This tool was used from _____ feet to _____ feet

DATES

Not to be published _____
Date of first 24 hours was _____
Gallons produced per 24 hours _____
Total production per 24 hours _____

EMPLOYEES

Driller _____
Helper _____

FORMATION RECORD

FORMATION	TOTAL FEET	TO-	FROM-