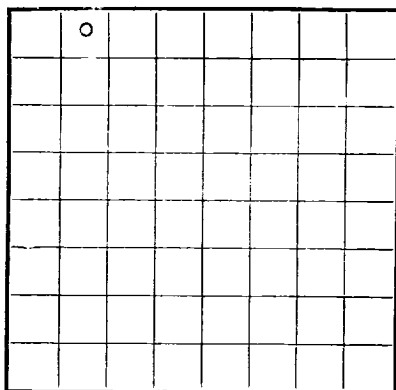


Las Cruces

U. S. LAND OFFICE 069052

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 Box 147, Roswell, New Mexico
Lessor or Tract L. E. Elliott Field Dollarhide Queen State New Mexico
Well No. 3 Sec. 31 T. 24S R. 38E Meridian NMPM County Lea
Location 330 ft. N of N Line and 2310 ft. E of W Line of Sec. 31 Elevation 3129
(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

Date 5/3/54Title Vice President

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

Commenced drilling 3/13, 19 54 Finished drilling 4/1, 19 54

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3680 to 3727 (broken) 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>28#</u>	<u>8</u>	<u>Jal</u>	<u>199</u>	<u>TP</u>				
<u>5 1/2</u>	<u>14#</u>	<u>8</u>	<u>Jal</u>	<u>1500</u>	<u>TP</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>215</u>	<u>150</u>	<u>Plug</u>	<u>9.0</u>	
<u>5 1/2</u>	<u>3680</u>	<u>650</u>	<u>Plug</u>	<u>9.2</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 T.D. feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

5/3/54, 19 _____ Put to producing 4/1, 19 54

The production for the first 24 hours was 384 barrels of fluid of which 50% was oil; _____% emulsion; 50% 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

A. B. Carroll, Driller Wayne Ballew, Driller
J. D. Smith, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>220</u>	<u>220</u>	<u>Red Beds and Surface Sands</u>
<u>220</u>	<u>826</u>	<u>606</u>	<u>Red Beds</u>
<u>826</u>	<u>1151</u>	<u>325</u>	<u>Red Beds and Anhydrite</u>
<u>1151</u>	<u>1755</u>	<u>604</u>	<u>Anhydrite</u>
<u>1755</u>	<u>2558</u>	<u>803</u>	<u>Anhydrite and Salt</u>
<u>2558</u>	<u>2633</u>	<u>75</u>	<u>Anhydrite</u>
<u>2633</u>	<u>2933</u>	<u>300</u>	<u>Anhydrite and Gypsum</u>
<u>2933</u>	<u>3015</u>	<u>82</u>	<u>Anhydrite and Lime</u>
<u>3015</u>	<u>3745</u>	<u>730</u>	<u>Lime and Sand</u>

FORMATION TOPS

Penrose Sand 3681

