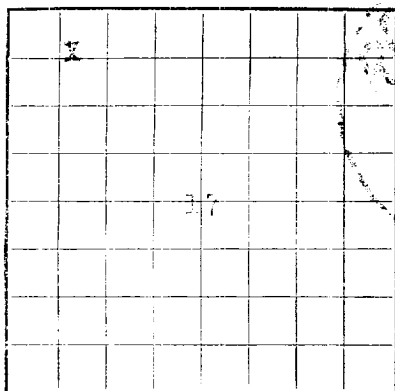


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078106
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Sunray Oil Company Address 200 West Club Plaza, Farmington, NM
Lessor or Tract Callegos Canyon Unit Field Tolan Gallup State New Mexico
Well No. 132 Sec. 17 T. 20N R. 12E Meridian 109W County San Juan
Location 660 ft. N. of 4 Line and 760 ft. E. of W Line of Sec. 17 Elevation 5502'
(Herrick 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 _____
Special Agent in ChargeDate 6-21-63 Title Production Engineer

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

Commenced drilling 4-11, 1963 Finished drilling 4-23, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5596' to 5630' 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>8rd</u>	<u>CP&I</u>	<u>267</u>	<u>Texaco Pattern</u>				<u>Surface</u>
<u>4-1/2"</u>	<u>11.6#</u>	<u>8rd</u>	<u>CP&I</u>	<u>5747</u>	<u>Baker</u>	<u>T-Gun</u>	<u>5660</u>	<u>5666</u>	<u>Production</u>
							<u>5670</u>	<u>5676</u>	
						<u>Frac</u>	<u>5654</u>		
						<u>Notch</u>	<u>5672</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>267</u>	<u>200</u>	<u>Pack & plug</u>		
<u>4-1/2"</u>	<u>5047</u>	<u>250</u>	<u>Pack & plug</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 2 feet to 5755 feet, and from _____ feet to _____ feet

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

DATES

4-21, 1963 Put to producing 6-21, 1963The production for the first 24 hours was 24 barrels of fluid of which 100 % was oil; 0 %
emulsion; 0 % water; and 0 % sediment. Gravity, 73.6 30.4

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

Rock pressure, lbs. per sq. in. 52

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>Electric log logs</u>
			<u>Farmington 382'</u>
			<u>Fractured Shiffs 1-20'</u>
			<u>unable to log interval between 20 and</u>
			<u>Lower Gallup due to hole problems. Caving</u>
			<u>continued to bridge hole and Electric logs</u>
			<u>to Gallup were run through drill pipe.</u>
			<u>Lower Gallup 5276'</u>
			<u>Lower Gallup 5596'</u>

FORMATION RECORD—Continued

HISTORY OF OIL OR GAS WELL

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 "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.