

A coordinate plane with a grid. The horizontal axis is labeled 'x' and the vertical axis is labeled 'y'. Two points are plotted: one at the coordinates (3, 6) and another at (7, 0).



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078108
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sunray Oil Company Address 200 Pet. Club Plaza, Farmington, N.M.
Lessor or Tract New Mexico Federal "K" Field Undesignated State New Mexico
Well No. 4 Sec. 34 T. 30N R. 15W Meridian NMFM County San Juan
Location 660 ft. [N] of S Line and 660 ft. [E] of E Line of Sec. 34 Elevation 5450'
(Describe location as best)

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 _____ Original signed by
CHARLES W. ROGERS

Date June 18, 1963 Title Production Engineer

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

Commenced drilling March 19, 19 63 Finished drilling March 30, 19 63

OIL OR GAS SANDS OR ZONES
(Denote gas by *G*)

No. 1, from 4468' to 4618' 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. 2, from _____ to _____

No. 3, 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—	
8 5/8"	2 1/2 lb	10	CR	107	107	107	107	107	Intermediate
8 1/2"	2 1/2 lb	10	CR	107	107	107	107	107	Intermediate
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MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	167'	100	Pump & Plug		
5-1/2"	4360'	62	Pump & Plug		
3-1/2"	4680'	50	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 1660 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

June 18 19 63 Put to producing June 12 19 63

The production for the first 24 hours was 8 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, ^{API}~~°Baumé~~ 38.4

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. **TSTM** _____

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>Electric Log Tops</u>
			Pictured Cliffs 420'
			Cliffhouse 1952'
			Point Lookout 2946'
			Mancoes 3332'
			Upper Gallup 4184'
			Lower Gallup 4473'
			Sanostee 4630'

