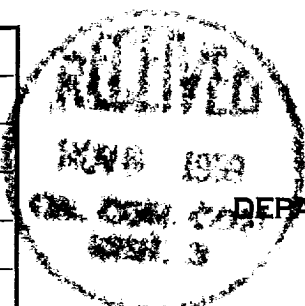


A 10x10 grid with a small black 'X' mark in the 4th column and 5th row.



U. S. LAND OFFICE
SERIAL NUMBER 14-20-603-324
LEASE OR PERMIT TO PROSPECT

RECEIVED

MAY 5 1959

U. S. GEOLOGICAL SURVEY
EARTH AND WATER DIVISION

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sunray Mid-Continent Oil Company Address Farmington, New Mexico
 Lessor or Tract CBU Field Disti State New Mexico
 Well No. 31 Sec. 8 T. 23N R. 12W Meridian NMPM County San Juan
 Location 1980 ft. N of 8 Line and 1900 ft. E of W Line of Section 8 Elevation 6235 GL
(Describe from right hand corner of Section 8)

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 October 31, 1959

Title Jr. Engineer

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

Commenced drilling August 14, 1959 Finished drilling August 22, 1959

OIL OR GAS SANDS OR ZONES

(Denote h as by (7))

No. 1, from 4768	to 4895	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—	
8 5/8 H 7/8	24 9.5	8	CPI I Lone	332' 1672	Baker Baker	L782	L876	Surfcon Oil String	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	315'	200	Circulation	Native	
4 1/2	495'	250	Pump plug	9.6#/gal.	

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material	Size
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SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

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

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

DATES

Put to producing	19
------------------	----

The production for the first 24 hours was ----- barrels of fluid of which ----- % 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

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
		4768'	Top of Gallup

