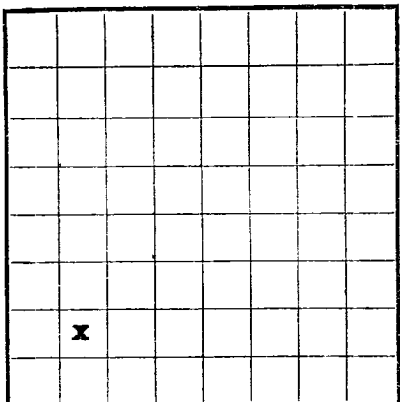


Santa Fe
U. S. LAND OFFICE
SERIAL NUMBER 047
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Sunray Mid-Continent Oil Company Address 166 Petroleum Center Bldg., Farmington,
Lessor or Tract N. M. Federal "N" Field Basin Dakota State New Mexico N.M.
Well No. 5 Sec. 7 T. 30N R. 12W Meridian NMPN County San Juan
Location 1190 ft. N of S Line and 1190 ft. E of W Line of Section 7 Elevation 5914
(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 Hal M. Stewart

Date 12-29-60 Title Engineer

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

Commenced drilling 10-31-60, 19____ Finished drilling 11-16-60, 19____

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

No. 1, from G 6604 to 5757 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>24.7</u>	<u>8 rd</u>	<u>CFI</u>	<u>150</u>	<u>Baker</u>	<u>Surface</u>			<u>Surface</u>
<u>4 1/2</u>	<u>11.6</u>	<u>8 rd</u>	<u>CFI</u>	<u>5802</u>	<u>Baker</u>	<u>6604</u>	<u>6157</u>		<u>production</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>358</u>	<u>325 sacks</u>	<u>pump & plug</u>		
<u>4 1/2</u>	<u>6802</u>	<u>325 sacks</u>	<u>pump & 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 0 feet to 6803 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

12-28-60, 19____ Put to producing 11-21-60, 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 3321 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

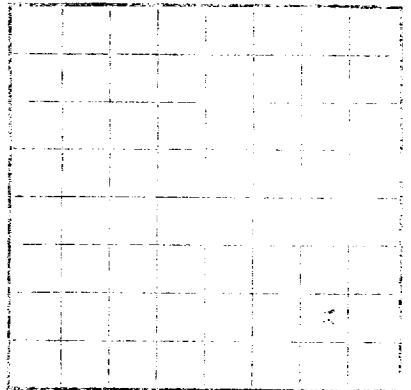
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>Electric log tops</u>
			<u>Pictured Cliff 2064'</u>
			<u>Cliff House 3768'</u>
			<u>Point Lookout 4432'</u>
			<u>Mancos 4747'</u>
			<u>Gallup 5714'</u>
			<u>Green Horns 6476'</u>
			<u>Dakota 6592'</u>
			<u>TD 6804'</u>
			Note: Well History Attached

U.S. GEOLOGICAL SURVEY
BUREAU OF MINERAL RESOURCES
WASHINGTON, D.C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company name, address, and location of well. 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 _____ Title _____

The summary on this page is for the condition of the well at above date. Completed drilling _____, finished drilling _____.

OIL OR GAS SANDS OR ZONES

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

IMPORTANT WATER SANDS

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

CASING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, 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.

HISTORY OF OIL OR GAS WELL

FROM—	TO—	TOTAL FEET	FORMATION
FORMATION RECORD			
EMPLOYEES			
DATES			
TOOLS USED			
SHOOTING RECORD			
PLUGS AND ADAPTERS			
RECORDING AND CEMENTING RECORD			