Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 14-20-603-1228
LEASE OR PERMIT TO PROSPECT

RECEIVED NOV 2 1959 OIL CON. COM. DIST. 3

RECEIVED NOV 2 1959 U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Sunray Mid-Continent Oil Co. Address 166 Petroleum Center Bldg. Farmington, New Mexico

Lessor or Tract CBU Field Bisti State New Mexico

Well No. 26 Sec. 9 T. 25N R. 12W Meridian NMPM County San Juan

Location 1980 ft. {N./S.} of S Line and 660 ft. {E./W.} of E Line of Sec. 9 Elevation 6157' (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 Thomas R. Doherty

Date October 30, 1959 Title Jr. Engineer

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

Commenced drilling September 10, 1959 Finished drilling September 16, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4722' to 4820' 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 From—	Perforated To—	Purpose
8 5/8	24	8	Spang	340	Baker				Surface
5 1/2	9.5	8	Spang	4943	Baker		4723'	4821	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	325'	225	Circulated	Native	
5 1/2	4925'	300	Pumped Plug		

MARK

FOLD

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 4920' feet, and from feet to feet

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

DATES

, 19 Put to producing September 23, 1959

The production for the first 24 hours was 281 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 37.2° API 60/60

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

Rock pressure, lbs. per sq. in. 1004

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
		4710'	Top Gallup

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

9-10-59 Spudded 12¼" surface hole.

9-11-59 Drilled 12¼" hole to 330' and set 8 5/8" 24# J-55 csg. at 326' with 225 sx cement. Circulated cement to surface. WOC 24 hrs. and test csg to 1000# for 30 minutes.

9-12-16-59 Drilled 7 7/8" hole to 4920'. Ran SP and microlog.

9-17-59 Set 4½" 9.5# J-55 csg at 4925' with 300 sx pozmix cement. Cement top by temperature survey at 3600'. WOC 48 hrs. and test csg. to 1000# for 30 minutes.

9-18-22-59 Completing well. Perforated 4½" csg. w/3/8" jet gun @ 4 holes /ft. from 4723'-45', 4755'-69', 4788'-92', 4798'-4807', and 4814'-21'. Ran 2 3/8" 4.7# J-55 tbg. to 4742'. Recovered load oil and flowed new oil.

9-23-59 Initial potential test - well flowed 281 bbls. 37.2° API 60/60 oil in 24 hrs. on 18/64 ck w/TP 220# and CP 550# . GOR 2164/1

9-24-59 Initial BHP - 1004 PSI