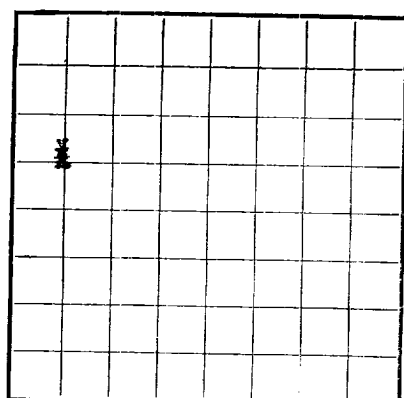


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078056 USA
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL.

Company Sunray Mid-Continent Oil Company Address Box 128, Hobbs, New Mexico
Lessor or Tract N.M. Federal "C" Field Bisti-Gallup State New Mexico
Well No. 20 Sec. 7 T 25N R 12E Meridian NMPM County San Juan
Location 1920 ft. INX of N. Line and 60 ft. E. of W. Line of Section 7 Elevation 6302
(Derrick Base relative to corner)

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 July 10, 1958

Title ~~Hobbs Area Superintendent~~

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

Commenced drilling 6-11 -----, 1958 Finished drilling 6-19 -----, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Delete gas by 6)

No. 1, from <u>4-28-</u> to <u>1944</u>	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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	264	175	Pump		Give 40-60% cement
5 1/2	507.9	200			

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 5050 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 11, 1958 Put to producing July 9, 1958
 The production for the first 24 hours was 172.10 barrels of fluid of which % was oil; %
 emulsion; % water; and % sediment. Gravity °Bé 100

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas 38.2

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1200	1200	Shale w/sand streaks
1200	1390	190	Sand, Picture Cliff
1390	1560	170	Shale, Lewis shale
1560	3685	2125	Sand & Shale
3685	3850	165	Sand, Point Lookout
3850	4760	910	Shale, Mancos Shale
4760	4875	115	Sand & Shale, Top Gallup 4760
4875	5050 TD	175	Sand, Top Gallup Sand Pay 4875

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.

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