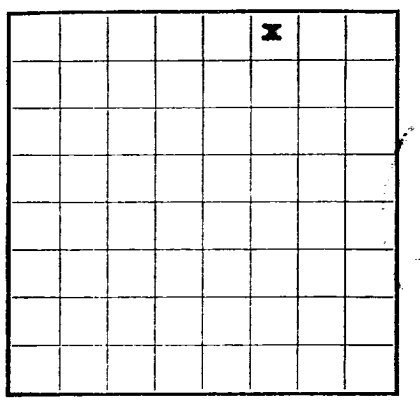
Form 9-330

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

U. S. LAND OFFICE
SERIAL NUMBER 14-20-603-2033
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED JAN 1964 OIL CON. COM. DIST. 3

RECEIVED JAN

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Humble Oil & Refining Company Address P. O. Box 3082, Durango, Colorado

Lessor or Tract Navajo Tribe of Indians G Field Mary Rocks State New Mexico

Well No. 24 Sec. 12 T. 31N R. 17W Meridian N.M.P.M. County San Juan

Location 330 ft. [S.] of N Line and 1650 ft. [W.] of E Line of Section 12 Elevation 5311.5' DF
(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 COPY (ORIGINAL SIGNED) B. M. BRADLEY B. M. Bradley

Date December 31, 1963 Title District Production Super.

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

Commenced drilling December 5, 1963 Finished drilling December 8, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1226 to 1231 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
7"	20#	8rd	J-55	32'					Surface
4½"	9.5#	8rd	J-55	1305'	Guide				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	45'	10			
4½"	1280'	100			

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 1280 feet, and from feet to feet

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

DATES

, 19 Put to producing December 26, 1963

The production for the first 24 hours was 41 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, °Bé. 41° @ 60°

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

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1066	1066	Mancos
1066	1280 TD	214	Gallup

(OVER)

16—43094-4

FOLD | MARK

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.

Spudded 12-5-63.

No drill stem tests taken.

No cores taken.

LOGS RUN: Formation Density Log.

Completed 12-26-63 as an oil well. Pumped 41 bbls of oil and 0 bbls of water in 24 hours from Gallup 1226-1231', 5' net pay, fractured. Est GOR 300. Gravity 41° @ 60°.