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 .....

RECEIVED JUN 19 1963 OIL CON. COM. DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

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 Horseshoe Gallup State New Mexico
Well No. 12 Sec. 1 T. 31N R. 17W Meridian N.M.P.M. County San Juan
Location 2305 ft. [N.] of N Line and 2335 ft. [W.] of E Line of Section 1 Elevation 5343'
(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. COPY (ORIGINAL SIGNED) B. M. BRADLEY
Signed B. M. Bradley

Date June 12, 1963 Title District Production Super.

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

Commenced drilling 5-17-63, 19.... Finished drilling 5-20-63, 19....

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 1300 to 1307 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#	8rd	J-55	40'					Surface
4½"	9.5#	8rd	J-55	1345'	Guide				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	40'	12			
4½"	1345'	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 1345 feet, and from - feet to - feet
Cable tools were used from - feet to - feet, and from - feet to - feet

DATES

....., 19.... Put to producing 6-10-63, 19....

The production for the first 24 hours was 10 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	1151	1151	Mancos
1151	1318	167	Gallup "T" Point
1318	1345 TD	27	Sanastee

[OVER]

16—48094-4

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 5-17-63.

No drill stem tests taken.

No cores taken.

LOGS RUN: Formation Density Log.

Completed 6-10-63 as an oil well, pumped 10 bbls oil & 0 bbls water in 24 hours through an open choke from the Gallup, 1300-1307', 3' net pay after fracture. Gravity 41. @ 60°. GOR 2762 cu ft/bbl.