

(Navajo)

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 14-20-603-2034

LEASE OR PERMIT TO PROSPECT

Navajo Tribe of Indians "P"
UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Humble Oil & Refining Company Address Box 1268, Farmington, New Mexico
Lessor or Tract Navajo Tribe "P" Field Chimney Rock State New Mexico
Well No. 17 Sec 10 T 31-N R. 17-W Meridian NMPN County San Juan
Location 1920 ft. N of 11 Line and 1920 ft. W of 2 Line of Section 10 Elevation 5229' Gr.
(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

Russell M. LillyDate May 12, 1959

Russell M. Lilly

District Superintendent

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

Commenced drilling April 22, 1959 Finished drilling April 24, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 916' to 921' 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—	
7" CB	23	8-8	J-55	921'	None				Drilling
4" CB	10.6	10-8	J-55	921'	None				Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7" CB	49'	9	Dumped	BFM. w/air	-
4" CB	952'	70	Pumped	9.3	-

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____Adapters—Material None Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0' feet to 954' feet, and from _____ feet to _____ feet

DATES

Put to producing May 9, 1959The production for the first 24 hours was 85 barrels of fluid of which 100 % was oil; 0 %emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 39.2

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

V. R. Balcher, Driller (Cherokee Air Drig. Co.)

E. L. Dollar, Driller

E. Pleasant, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	954'	954'	Sand & Shale
			<u>FORMATION TUBING</u>
			Gallup 916'
			Sanostee 938'

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