

(Navajo)

U. S. LAND OFFICE Santa FeSERIAL NUMBER 11-20-609-2024

LEASE OR PERMIT TO PROSPECT

Navajo Tribe of Indians "Q"

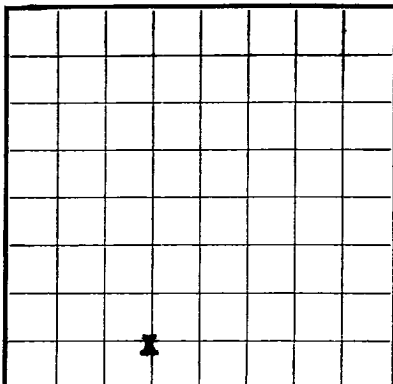
UNITED STATES

OIL CON. COM.

DIST. DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

MAY 27 1959



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Humble Oil & Refining Company Address Box 1268, Farmington, New Mexico
Box 2180, Houston 1, Texas
Lessor or Tract Navajo Tribe "Q" Field Chimney Rock Gallup State New Mexico
Well No. 1 Sec. 11 T 31-N R. 17-W Meridian NMPM County San Juan
Location 500 ft. N. of 3 Line and 1980 ft. E. of 4 Line of Section 11 Elevation 5295' 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 25, 1959

Russell M. Lilly

Title District Superintendent

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

Commenced drilling April 25, 1959 Finished drilling May 1, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 971' to 983' 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 None 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" CD	234	8-8	J-55	48'	None	-	-	-	Surface
4" CD	150	11-11	J-55	1004'	None	-	971'	983'	Oil bearing
2" CD	80	11-11	J-55	983'	None	-	-	-	Testing
HIDLOCK OR OK OR MEET									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7" CD	48'	9	Dumped	Drl'd. w/air	-
4" CD	1004'	70	Pumped	9.44	-

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 0' feet to 1010' feet, and from _____ feet to _____ feet

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

DATES

May 11, 1959 Put to producing May 12, 1959

The production for the first 24 hours was 104 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 Drilg. Co.), Driller

R. L. Dollar, Driller _____, Driller

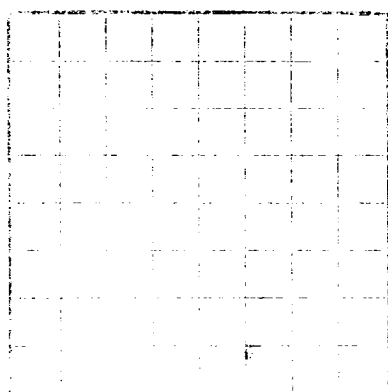
R. Pleasant _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	1010'	1010'	Sand & Shale
			FORMATION TOPS:
			Gallup 971'
			Sanostee 990'

[OVER]

16-43094-4



Oil Con Com
Dist. Department of the Interior

TOG OF OR SO BAG 24W

[illegible]

Spudded 9" hole 4/25/59. Set 7" CD casing at 85'. w/9 sacks reg. cement. Drilled
 plug at 2:00 P.M., 4/26/59. Drilled 6-1/2" hole w/all to 850' & added up. Cored
 from 930' to 1004'. Ran elec. logs. Set 4" CD casing at 1004' w/70 sacks 15 cactz
 cement. (ID 1010'). Pumped plug down w/200 gals. MCA & oil. RPO 1002'. Ran Gamma
 Ray & collar logs. Performance 971' casing w/200 gals shot per foot. Sand/oil
 free w/20,000 gals. 150. Grade and 30,000 sand. Ave. Inj. Rate 21 bbls/min. @ 1050'.
 Cleaned sand from 974' to 1002'. Set 2" tubing at 983'. Ran rods & pump and set
 pumping unit. On Thurs 24 hour test on 14-500' RPM pumped 104 bbls. new P.D. Corr.
 O.R. 39.2. Start new oil to tanks - May 12, 1959.

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 "sidedracked" 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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

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