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

Form 9-330

U. S. Land Office Santa Fe
Serial Number 14-20-603-2033
Lease or Permit to Prospect Navajo Tribe of Indians "G"

RECEIVED
OCT 30 1959
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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OIL CON.
DIST.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Humble Oil & Refining Company Address Box 2347 - Hobbs, New Mexico / Box 2180 - Houston 1, Texas
Lessor or Tract Navajo Tribe of Indians "G" Field Horseshoe Gallup State New Mexico
Well No. 3 Sec. 11 T. 31-N R. 17-W Meridian NMPM County San Juan
Location 1980 ft. {N./S.} of S Line and 1980 ft. {E./W.} of W Line of Section 11 Elevation 5261 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

Date October 24, 1959 Title District Superintendent

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

Commenced drilling July 14, 1959 Finished drilling July 16, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to
No. 2, from to
No. 3, from to
No. 4, from to
No. 5, from to
No. 6, from to

IMPORTANT WATER SANDS

No. 1, from None to
No. 2, from to
No. 3, 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
7-5/8"	[illegible]	[illegible]	[illegible]	[illegible]	-	-			Surface
4½"	9.5	[illegible]	J-55	983	Baker	-	934	992	Oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8"	48	8	Dumped	-	-
4½"	983	75	Pumped	-	-

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
		None				

TOOLS USED

Rotary tools were used from Surface feet to 992 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

, 19 Put to producing , 19

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

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
0 L. L. Pleasant , Driller V. R. Belcher , Driller
A. L. Dollar (Cherokee Air Drilling Co.)

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	992	992	Sand and shale
			FORMATION TOPS
			Gallup 934

[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 9-5/8" hole 7-14-59. Set 43' 7-5/8" casing at 48' w/ 7 sacks regular cmt. Drilled w/ air to 941'. Reduced up and drilled to 992' TD. PBD 985'. Ran logs. Set 4½" casing at 988 w/ 75 sacks 1% Ca Cl2 cement. Pumped plug down w/ 200 gals MCA and oil. Ran Gamma Ray and collar logs. Perforated 4½" casing from 932-942' w/ 2 jet shots per foot. Sand/oil frac w/ 20,000 gals. lse. crude, 30,000# sand and 110 gals. J-90. Average injection rate 18 BPM at 850#. Set 2" tubing at 931'. Ran rods and pump. Installed pumping unit. On 72 hour test pumping 14-30" SPM recovered 8 bbls. load oil, no production. Well presently shut in pending approval to convert to water injection well.

FARMINGTON NEW MEXICO
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