

Navajo

U. S. LAND OFFICE

Santa Fe

SERIAL NUMBER

14-20-603-2024

LEASE OR PERMIT

TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR OCT 1 1959

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Humble Oil & Refining Company Address Box 2347 - Hobbs, New Mexico
Lessor or Tract Navajo Tribe of Indians "P" Field Himney Rock Gallup State New Mexico
Well No. 30 Sec. 10 T. 31N R. 17W Meridian MPM County San Juan
Location 660 ft. N. of N Line and 1940 ft. E. of E Line of Section 10 Elevation 5267
(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

G. TONKIN

Date September 29, 1959Title Agent

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

Commenced drilling July 6, 1959 Finished drilling July 9, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 964 to 973 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	
7-5/8	26.5	8	W-40	43	Baker	964	973	Oil Striking	
5	19.5	8	W-40	973	Baker	973	973	Oil Striking	
2	6.7	8	W-40	973	Baker	973	973	Oil Striking	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>7-5/8</u>	<u>48</u>	<u>0</u>	<u>Handed</u>	<u>Drid/air</u>	<u>-</u>
<u>5</u>	<u>983</u>	<u>75</u>	<u>Pumped</u>	<u>Drid/air to</u>	<u>970 (8.9)</u>

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
		<u>None</u>				

TOOLS USED

Rotary tools were used from 0 feet to 1019 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing September 2, 1959

The production for the first 24 hours was 5 barrels of fluid of which 100% 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

R. L. Lollar _____, Driller V. R. Balcher _____, Driller
E. L. Pleasant _____, Driller (Cherokee Air Drilling Co.) _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1019 TD</u>	<u>1019</u>	<u>Sand and shale</u>

[OVER]

F. 1011

16-43004-2

UNITED STATES
DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS



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 pipes 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" surface hole 7-6-59. Set 7-3/8" casing at 45' w/ 8 sacks regular cement. Drilled w/ bit to 970'. Mudded up and drilled to 1019'. TD. Ran logs. Set 5" drill pipe casing at 963'. w/ 49 sacks 15 gal. chl. cement. Compressed plug down w/ 200 gals. WCA and oil. Ran Gamma Ray and collar logs. Perforated 5" casing from 964-973' w/ 2 jet shots per foot. Sand/oil free w/ 20,000 gals. Leases crude and 30,000' sand w/ 110 gals. 1-90. Average injection rate 18.5 bbl at 700#. Set 2" tubing at 963'. Ran pump and rods. Controlled pumping unit. On final 24-hour potential test on 17-30" SPK pumped 5 barrels new HLO. Corr. Gr. 39.3. First new oil run to tanks on 9-8-59.

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

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REF ID: A66147

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BUREAU OF GEOLOGICAL SURVEY
UNITED STATES
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