Form 9-330

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE 14-20
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

RECEIVED
JAN 3 1964
OIL CON. COM.
DIST. 3

RECEIVED

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 Tract 24 Field Wildcat State New Mexico
Well No. 1 Sec. 15 T. 31N R. 18W Meridian N.M.P.M. County San Juan
Location 990 ft. N. of N Line and 990 ft. E. of E Line of Section 15 Elevation 5161' 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 COPY (ORIGINAL SIGNED) B. M. BRADLEY B. M. Bradley
Date December 20, 1963 Title District Production Super.

The summary on this page is for the condition of the well at above date.
Commenced drilling July 4, 1963 Finished drilling August 12, 1963

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from to 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
13-3/8"	48#	8rd	[illegible]	60'					Surface
9-5/8"	36#	8rd	[illegible]	831'					Intermediate
7"	23#	8rd	[illegible]	[illegible]	Guide				Production
4½"	11.6#	8rd	N-80	1681'	Guide				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	60'	65			
9-5/8"	831'	315			
7"	7100'	250			

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 7785 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Dry & Temp. Abandoned 12-16 63 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
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
5982	6870	888	Hermosa
6870	7728	858	Paradox
7728	7785 TD	57	Atoka

16—43094-5

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

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 ____ feet to ____ feet, and from ____ feet to ____ feet

PRODUCING AND SHOOTING RECORD

Date	Tons of water in 24 hours	Gravity	Gas per 24 hours	Rock pressure lbs. per sq. in.
Dallas				Dallas
Dallas				Dallas

PRODUCTION

If gas well, cu. ft. per 24 hours ____ gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

CASING AND TUBING RECORD

Size	Weight	Number of sacks of cement	Method used	Mud fluid used	Depth set

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____

Adaptors—Material ____ Size ____

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud fluid used	Cubic feet per sack of cement	Amount	Kind of shoe	Cut and pulled from	Perforated From—	To—	Purpose

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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 7-11-63.

DST #1 - 6934-6948 Tool open with fair blow, decreased to weak blow in 12 minutes, remained throughout test. No H_2S on test. Recovered 3540' gas in pipe & 100 gas and oil cut mud. Tool open 2 hours.

DST #2 - 6920-6997 Tool open 30 minutes, opened with gas to surface in 2 minutes, gas measured 475 Mcf. H_2S reading 040+, fluid recovered 210' heavy oil and gas cut mud, no water.

DST #3 - 7324-7420 Tool open 4 hours, opened with fair blow, gas to surface in 5 minutes, gas flow immediately by heads with 3'-5' flare, will burn. No H_2S gas detected TSTM, Rec 250' fluid - 70' drilling mud & 180' heavy gas cut and very slight oil cut drilling mud.

DST #4 - 7575-7702 Tool open 4 hours 10 minutes with weak blow, increased to fair blow in 4 minutes, remained fair throughout test. Gas to surfacr in 3:45 minute Recovered 165' gas cut very slight water cut mud, 405' very slight mud cut water(slightly salty).

CORE #1 - 6948-6991 Cut and recovered 43' limestone which had 12' of porosity and show of oil.

CORE #2 - 6997-7021 Cut 14' Recovered 13' limestone, no porosity, no show.

CORE #3 - 7420-7450 Recovered 30'. 10' interbedded ls & dolo; 10' ls, fractured 7432-7435, bleeding gas; 9' dolo, fractured 7441-7445' bleeding gas; 1' ls, no show.

LOGS RUN: Gamma Ray Sonic log, Gamma Ray Neutron log, Induction Electric logs.

D & A 12-16-63. Completed as a dry hole. Temporarily abandoned.

LOCATE WELL CORRECTLY

TOC OF OIL OR GAS WELL

COPY (ORIGINAL) TO BE DIVIDED

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