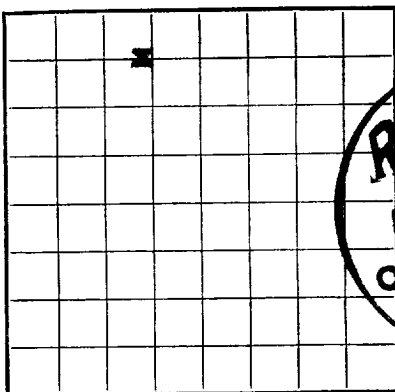


U. S. LAND OFFICE

SERIAL NUMBER

14-20-603-7106

LEASE OR PERMIT TO PROSPECT



RECEIVED

MAY 4 1964
OIL CON. COM.
DIST. 3UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Humble Oil & Refining Company Address P. O. Box 3082, Durango, Colorado
Lessor or Tract Navajo Tract 12 Field South Waterflow State New Mexico
Well No. 1 Sec. 19 T. 22N R. 15W Meridian N.M.P.M. County San Juan
Location 660 ft. W of N Line and 1980 ft. E of E Line of Section 19 Elevation 5410
(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** M. Bradley

Date November 1, 1963Title District Production Super.

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

Commenced drilling August 23, 1963 Finished drilling September 3, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1215' to 1220' 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—	
8-5/8"	21.2	4	AMCO	1344	Choker	Surface			Production
1 1/2"	9.4	11.75	AMCO	1344	Choker	Surface			Production
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	228'	150			
1 1/2"	1351'	100			

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 1351' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing September 11, 1963

The production for the first 24 hours was 100 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

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1615'	2620'	1005'	Menefee
2620'	2964'	344'	Point Lookout
2964'	3890'	926'	Manos Mancos
3890'	4190'	300'	Gallup
4190'	4286'	96'	Horseshoe
4286'	4351' TD	65'	Sanostee
FROM—	TO—	TOTAL FEET	FORMATION