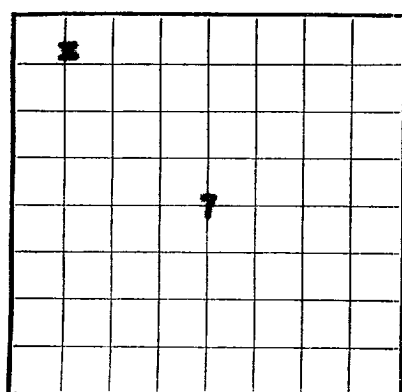


U. S. LAND OFFICE Navajo
SERIAL NUMBER 24-20-603-597
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Humble Oil & Refining Company Address Box 3082, Durango, Colorado
Lessor or Tract Core Hole Field Wildcat State New Mexico
Well No. 19 Sec. 7 T. 31N R. 18W Meridian NMPS County San Juan
Location 533 ft. [N] of N Line and 746 ft. [E] of W Line of Section 7 Elevation 5122' UO

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.

COPY (ORIGINAL SIGNED) R. M. BRADLEY

Date February 8, 1962 Title Dist. Syst.

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

Commenced drilling November 4., 1961 Finished drilling November 5., 1961

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

No. 1, from _____ 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 _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
None					

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 77 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing ~~Planned: 1-15~~_____, 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
0	660	660	Mamoon
660	692	32	Gallup
692	771	79	Sanagtee

