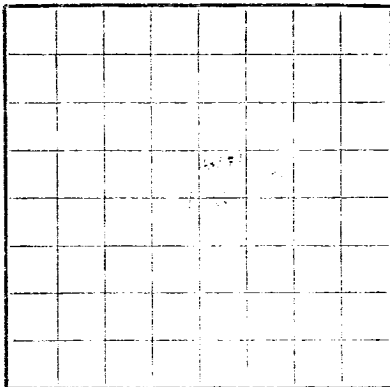




U.S. LAND OFFICE Navajo Tribe
SERIAL NUMBER 14-20-603-284
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company Exploration Drilling Co. Address 910 Petroleum Club Bldg., Denver 2, Colo.
Lessor or Trust Navajo Tribe Field Undesignated State New Mexico
Well No. 12 Sec. 24 T. 35N. R. 18W. Meridian NMM County San Juan
Elevation 2682
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 _____

The summary on this page is for the condition of the well at above date.
Commenced drilling February 18, 1962 Finished drilling February 24, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1521 to 1528
No. 2, from _____ to _____
No. 3, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____

CASING RECORD

Size casing	Depth set	Weight per foot	Amount	Kind of shoe	Cut and pulled from	Purposes
1 1/2"	1521'	40 sacks regular	Pump Truck	9.8	24.2	
1 1/2"	36.10'	7 sacks regular				

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 are any changes made in the casing, size, quality, and depth, state the reason therefor. If plugs or bridges were put in to test for water, state the kind of material used, position, and results of pumping or bailing of water. If logs or bridges were put in to test for water, state the kind of material used, position, and results of pumping or bailing of water.

MUDDING AND CEMENTING RECORD

Size casing	Depth set	Number sacks of cement	Kind of mud	Kind of gravity	Amount of mud used
1 1/2"	1521'	40 sacks regular	Pump Truck	9.8	24.2
1 1/2"	36.10'	7 sacks regular			

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

DATES

The production for the first 24 hours was _____ barrels of fluid of which 100% was oil; _____% was gas.
It gas well, or if per 24 hours _____
Rock pressure, lbs. per sq. in. _____ (Calculated)
Gallons gasoline per 1,000 cu. ft. of gas _____
Gravity, °Be. _____ 38.3
Put to producing _____ March 2, 1962

EMPLOYEES

Carl Harmon Driller
Wm. Penigiley Driller
J. V. Gay Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1530	1573	43	Oil shale, black, thin bedded, scattered thin shale laminae
1573			1519-1522' - 3' sandstone, white, fn. to interbedded with gray to gray brn. calcareous shale, bentonite stringer at 1467
1415	1518	103	Gallop, siltstone, very fn. to fn. gr. interbedded with gray to gray brn. calcareous shale, bentonite stringer at 1467
1415	1415	1242	1110 feet, scattered fn. gr. tight sandstone stringers from 1290'. Mangos, shale, lt. gray to gray, some brown, calcareous, becoming silty from
140	1415		scattered shale streaks buff, fn. to med. gr., salt and pepper, Basal Point Lookout, sandstone white to
Surface	140	140	