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

U. S. LAND OFFICE SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT NAVAJO TRIBAL 14-20-603-5012

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

FEB 7 1963

U. S GEGLOGICAL SURVEY XICO

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HISTORY OF OIL OR GAS WELL

MUDDING AND GENERITING RECORD

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.

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Air drilled 6-3/4" hole to 1805 . Cored with air 1702-21', recovered 11' shale, gray bentonite; 7' sandstone, gray, medium grained, glauconitic; 1' shale with streaks of limestoners Drilled to TP with air . Ren Gamma Ray-Induction and Density logs. Ren 1767' 5" casing and cemented with 25 sx. Perforated 1713-1720' with 4 jets per foot. Frac'd with 640 bbis crude and 15,000# sand. Breakdown pressure: 2800#; treating pressure 1500# 14 jeb 15% rate 22 bbis per minute. Recovered all load oil on 1-22-63 and potentialed for 102 bbls oil in 24 hrs.

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