

(SUBMIT IN TRIPLICATE)

Indian Agency

Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee

14-20-403-2034

Lease No.

Co. Lge. No. 234672

SUNDRY NOTICES AND REPORTS ON WELLS **RECEIVED**

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	Subsequent Report of Perforating and Fracture Treatment

OCT 28 1959

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

NAVAJO TRIBE OF INDIANS "F"

Hobbs, New Mexico

October 24, 1959

Well No. **31** is located **640** ft. from **[S]** line and **1900** ft. from **[W]** line of sec. **3**
SE 1/4 of SW 1/4 3 **31-E** **17-W** **100N**
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Horseshoe Gallup **San Juan** **New Mexico**
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5286** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 9-5/8" hole at 7:30 AM 7-12-59. Set 7-5/8" casing at 48' and cemented w/ 7 sacks regular cement. Drilled w/ air to 1015'. Mudded up and drilled 1056' TD. Run logs. Set 5" casing at 1050' w/ 75 sacks 60 GLL cement. Pumped plug down with 200 gals MHA and oil. Run gamma ray and collar logs. Perforated 5" casing from 1012-1022' w/ 2 jet shots per foot. Sand/oil free w/ 20,000 gals. lease crude, 30,000 sand and 4000' FL2. Average injection rate 16.2 BPM at 850#. Moved in pulling unit and cleaned out 45' of sand. Ran tubing and rods, set pumping unit. On final 24 hour potential test on 10-30" BPM produced 3 bbls. new FLO. Corr. gravity 39.3. First new oil to tanks on 10-18-59.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Humble Oil & Refining Company**

Address **Box 2347 - Hobbs, New Mexico**

By

Title **District Superintendent**



