



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo

Allottee

Lease No. 14-00-000-0004

Co. Lee, 23472

SUNDRY NOTICES AND REPORTS ON WELLS

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	<u>Subsequent Report of Redrilling & S</u> <u>Fracture Treatment</u>

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

NAVAJO TRIBE

September 24, 1959

RECEIVED

Well No. 39 is located 1900 ft. from S line and 640 ft. from W line of sec. 20
1/4 of 1/4 20 31-8 17-W NAVAJO
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Quincy Rock Gallup San Juan New Mexico
 (Field) (County or Subdivision) (State or Territory)

U. S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

The elevation of the derrick floor above sea level is 2013 ft.

DETAILS OF WORK

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

Spudded 3-3/4" surface hole at 6:30 PM 7-21-59. Set 7" casing at 331 w/ 5 sacks reg. cement. Drilled w/ air to 320' and mudded up. Set core #1 from 320-330'. Recovered 200 - 1 1/2" gray sandstone, 100' good oil show, 1 1/2" fair oil show, 1 1/2" slight oil show, 31 gray silty shale. Drilled to 730 ft. Run electric logs. Set 4 1/2" casing at 331 w/ 75 sacks 15 lb. cement. Pumped plug down w/ 200 gals. 10% and oil. Run gamma ray & collar logs. Fractured 4 1/2" casing from 330-340' w/ 2 jet shots per foot. Sand/oil flow w/ 20,000 gals. 10% crude, 30,000' sand w/ 100 gals. 4-5%. Average injection rate 14.4 BPM at 730'. Cleaned out sand. Set 2" tubing at 331. Run pump and rods, and set pumping unit. On final 24 hour potential test on 11-20' and pumped 70 bbls. new oil. First new production oil to tank 9-13-59. Curr. Gravity 29.30

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

Company Public Oil & Refining Company

Address Box 2347 - Gallup, N.M.

ORIGINAL
SIGNED

By

Title

R. G. TONKIN

RECEIVED
OCT 1 1959
OIL CON. COM.
DIST. 3