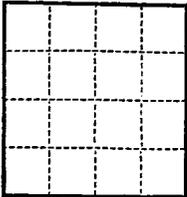


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency Window Rock  
Allottee Navajo Tribal  
Lease No. 14-20-603-734



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	

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

January 20

RECEIVED  
GEOLOGICAL SURVEY  
NEW MEXICO  
19 59

Navajo  
Well No. 19 is located 2021 ft. from S line and 742 ft. from W line of sec. 30  
14 Sw Sec. 30 31 N 16 W N. 1. P.M.  
(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 ground above sea level is 5598 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)

Ran Gamma Ray Correlation log to 1397' FBD. Perforated 1356-1374' Schlumberger and Gamma Ray with 36 jets. Treated perforations with 25,000# 10/20 sand and 10,290 gallons lease crude. Formation broke down 1900# to 1000#. Average treating pressure 1400# at 32 B.P.I. Job complete 1:12 P.M., 1-16-59. Perforated 1256-1284' Schlumberger and Gamma Ray with 56 jets. Treated perforations with 25,000# 10/20 sand and 25,000 gallons lease crude. Formation broke down 2200# to 1000#. Average treating pressure 1100# at 36 B.P.I. Final treating pressure 1300#. Job complete 3:12 P.M., 1-16-59.

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

Company The Atlantic Refining Company

Address P. O. Box 520  
Casper, Wyoming

By B. J. Sartain  
Title District Drilling Superintendent

