

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYIndian Agency Window Rock  
Allottee Navajo Tribal  
Lease No. 21-20-60-734

## 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)

May 14, 1959

Well No. 51 is located 1930 ft. from N line and 660 ft. from W line of sec. 32  
SW NW Sec. 32 31 N 16 W N.M.P.M.  
( $\frac{1}{4}$  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 5394 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 8:00 A.M., 4-22-59. Drilled to 97' GL. Ran 3 joints 8-5/8" OD 24" J-55 casing = 92.89'. Set at 99.88' RKB and cemented with 125 sacks common cement + 3% CaCl<sub>2</sub>. Job complete 10:00 A.M., 4-28-59. WOC 24 hours. Tested 8-5/8" casing with 500# 30 minutes, O.K. Started drilling plug 8:00 PM, 4-29-59. Drilled to 1302' TD. Ran Induction ES & SP Sonic logs their TD 1302'. Ran 41 joints 4-1/2" O.D. 9-5/8" J-55 casing = 1280.67'. Set at 1287.70' and cement with 120 sacks Pozmix. Plug down 1:30 P.M., 5-1-59. WOC 36 hours. Tested 4-1/2" casing with 1000# 30 minutes, O.K. Ran GR Correlation log. Perforated 1204-1236' Schl = 1202-1234' OR with 64 jets. Treated perforations with 20,000# 10/20 sand in 13,252 gallons lease crude. Formation broke down 1700-1000#. Average treating pressure 1000# at average inject rate 35.4 BHM. Job complete 4:00 PM, 5-2-59. Perforated 1114-1138' Schl = 1112-1136' OR with 48 jets. Treated with 20,000# 10/20 sand in 11,550 gallons lease crude. FSD 2100-1300#. Average treating pressure 1100#, average injection rate 36.8 BHM. Job complete 5:30 A.M., 5-4-59.

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 CompanyAddress P. O. Box 520Casper, WyomingBy Ad. Klopfer  
Title Drilling Superintendent

*[The page contains faint, illegible markings and stamps.]*

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 3, 1862. It is a long and detailed letter, covering many topics, including the state of the Union, the progress of the war, and the administration of the government. It is a very important document, as it provides a clear and concise summary of the President's views and policies at that time.

100-443887-100