

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency \_\_\_\_\_  
Window Rock  
Allottee Navajo Tribal  
Lease No. 11-20-603-734


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	Perforating and Treating

RECEIVED  
JAN 2 1959

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

December 31

U. S. GEOLOGICAL SURV  
FARMINGTON, NEW MEX  
1958

Well No. 15 is located 1980 ft. from S line and 660 ft. from W line of sec. 32  
N. 1/4 Sec. 32 31 N 16 W N.M.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 5112 ft.

RECEIVED  
JAN 5 1959  
OIL CON. COM.  
DIST. 3

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 Correlation Gamma Ray to 1292' FBD. Perforated 1155-1180' Schlumberger = 1154-1179' Gamma Ray with 50 jets. Treated above perforations with 15,000' 10/20 sand, 25 7/8" rubber balls and 13,700 gallons lease crude. Formation broke down 2400 to 1000'. Before starting sand in-pumped in 75 barrels lease crude with 25 nylon balls with no increase in injection pressure of 900'. Bled pressure off, released balls, started sand in treatment. Minimum treating pressure 800', final treating pressure 1800'. First batch of balls increased treating pressure from 800 to 1400'. Second batch of balls increased treating pressure 1200 to 1800'. Average injection rate 38.3 BPM. Job complete 11:50 A.M., 12-29-58.

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 A. H. Klopfer

Title Drilling Superintendent

REF-500-05-11