

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency \_\_\_\_\_

Window Rock

Allottee Navajo Tribal

Lease No. 11-20-603-2022

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL <u>Injection Well</u>	<input checked="" type="checkbox"/>	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)

U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

October 3, 1962

Horseshoe Gallup Unit  
Well No. 79 is located 330 ft. from S line and 1900 ft. from E line of sec. 14

SW SE 1/4 Sec 14 31-N 17-W N17W  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Horseshoe Gallup Unit San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the Ground above sea level is 5948 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.)

We propose to drill this well for the purpose of injecting water into the Lower Gallup sand as part of the Horseshoe Gallup secondary recovery project. 60' of 8 5/8" O.D. 2 1/2" casing will be set and cemented to surface. 4 1/2" O.D. 9.5# casing will be set to T.D. and perforated in the lower Gallup sand at approximately 1600'. Estimated T.D. is 1650'. A small water frac (10,000# - 20,000# sand) may be necessary if initial injection rates are low.

We propose to inject water down 4 1/2" casing and out casing perforations in the lower Gallup. If present plans for corrosion control with chemicals are successful, 2" tubing will be run and water injected thru tubing below a packer. This well was included in the Plan of Development and Operation which was submitted July 25, 1962.

I understand that this plan of work must receive approval in writing by the Geological Survey before operation, and become effective.

Company The Atlantic Refining CompanyAddress P.O. Box 2197Farmington, N.M.By B. J. S. [Signature]  
Title Drig. & Prod. Supervisor

OCT 5 1962

OIL CON. COM.  
DIST. 3

## NEW MEXICO OIL CONSERVATION COMMISSION

## Well Location and Acreage Dedication Plat

Section A.

Date October 3, 1962

Operator ATLANTIC REFINING COMPANY Lease HORSESHOE GALLUP UNIT  
 Well No. 479 Unit Letter 0 Section 14 Township 31 NORTH Range 17 WEST NMPM  
 Located 330' Feet From the SOUTH Line, 1900' Feet From the EAST Line  
 County SAN JUAN G. L. Elevation 5948.08' Dedicated Acreage 12.00 Acres  
 Name of Producing Formation Gallup - Lower (For water Inj.) Pool Horseshoe Gallup

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?  
 Yes      No X
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes X No     . If answer is "yes", Type of Consolidation.  
Horseshoe Gallup Unit - Secondary Recovery Project

3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner

Land Description

Section B.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

The Atlantic Refining Co.

(Operator)

B. J. Sartain

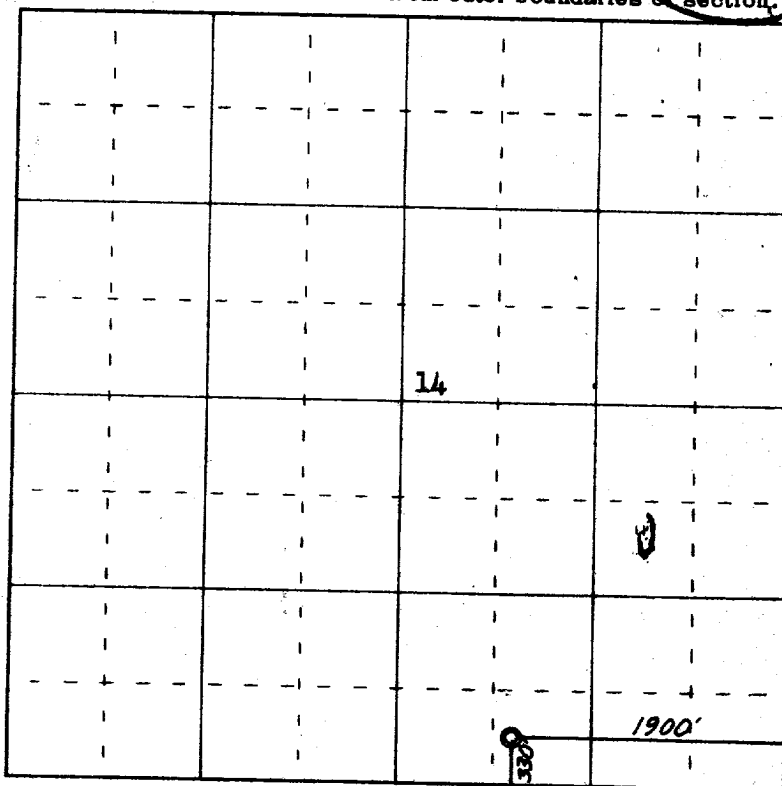
(Representative)

P. O. Box 5197

(Address)

Farmington, N.M.

Note: All distances must be from outer boundaries of section.



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

Scale 4 inches equal 1 mile

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed 21 September 1962

James P. Leese  
 Registered Professional Engineer and/or Land Surveyor  
 James P. Leese, N. Mex. Reg. no. 1463

(Seal)

Farmington, New Mexico