

APPROVED

(SUBMIT IN TRIPPLICATE)

Indian Agency _____

Ignacio

Allottee Navajo-Ute Mtn Tribal

Lease No. 14-20-604-1951

OCT 4 1962

JERRY W. LONG
DISTRICT ENGINEERUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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)

October 5, 1962

Horseshoe Gallup Unit
Well No. 158 is located 170 ft. from S line and 590 ft. from W line of sec. 28NW 1/4 Sec. 28 31-N 16W NMPM
(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 Water above sea level is 5657 ft.

DETAILS OF WORK

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

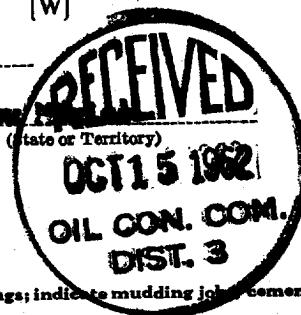
We propose to drill this well for the purpose of injecting water into the upper Gallup sand as part of the Horseshoe Gallup Secondary Recovery Project. 60' of 8 5/8" O.D. 2 1/2" casing will be set and cemented to surface. 4 1/2" O.D. 9.5# casing will be set to T.D. and perforated in the upper Gallup at approximately 1500'. Estimated T.D. is 1560'. A small water free (10,000# - 20# 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 upper Gallup. If present plans for corrosion control with chemicals are not successful, 2" tubing will be run and water injected through 2" 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 operations may be commenced.

Company The Atlantic Refining CompanyAddress P. O. Box 2197Paradise, N.M.

By

Title Drilling & Production SupervisorAPPROVED SUBJECT TO INCLUSION OF THIS WELL
ON AN APPROVED PLAN OF DEVELOPMENT.

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date October 5, 1962

Operator ATLANTIC REFINING COMPANY Lease HORSESHOE GALLUP Unit
 Well No. 158 Unit Letter L Section 28 Township 31 NORTH Range 16 WEST NMPM
 Located 1740' Feet From the SOUTH Line 590' Feet From the WEST Line
 County SAN JUAN G. L. Elevation 5657.27' Dedicated Acreage 40.00 Acres
 Name of Producing Formation Gallup (Upper Sand) (For Inj.) Pool Horseshoe Gallup

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?

Yes No 2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes 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

RECEIVED

OCT 15 1962

OIL CON. COM.

DIST. 3

RECEIVED

OCT 11 1962

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

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

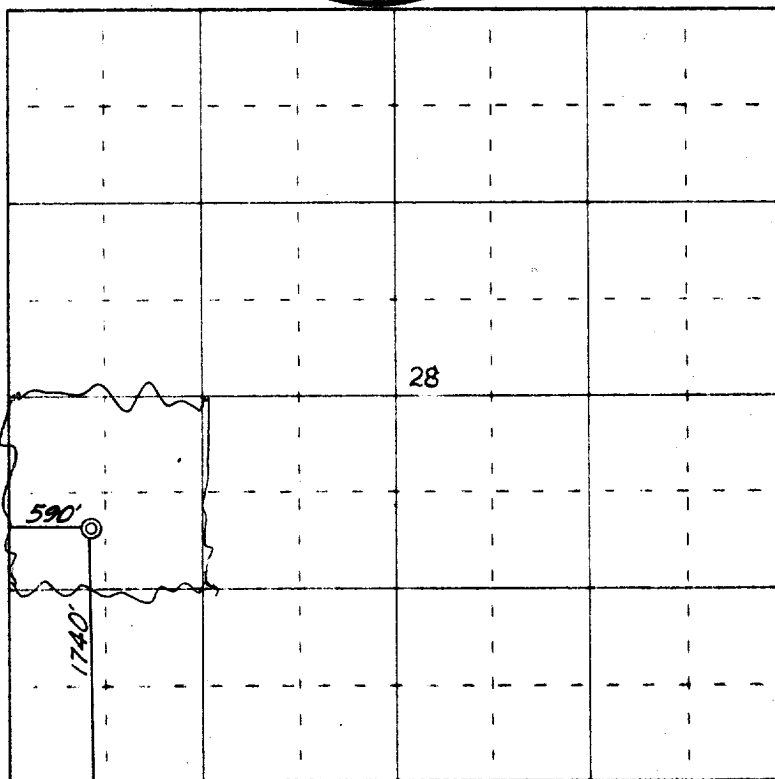
(Representative)

P. O. Box 2187

(Address)

Farmington, New Mexico

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



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.

(Seal)

Date Surveyed 21 September 1962

James P. Leese
 Registered Professional Engineer and/or Land Surveyor
 James P. Leese, N. Mex. Reg. No. 1463
 San Juan Engineering Company

Farmington, New Mexico