

(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> <u>X</u>	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 30, 1962

Horseshoe Gallup Unit
Well No. 74 is located 2250 ft. from XXXX line and 2630 ft. from XXXX line of sec. 14
NE SW Sec 14 31-N 17-W N2PM
(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 derrick floor above sea level is 5704 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding 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 1340'. Estimated T.D. is 1400'. 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 not 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.

We are submitting a letter request for administrative approval of this ^{location and} acreage dedication for topographic reasons.

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 2197

Farmington, N.M.

By B. J. Sartin

Title Dir. & Prod. Supervisor

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date OCTOBER 30, 1962

Operator ATLANTIC REFINING COMPANY Lease HORSESHOE GALLUP UNIT
 Well No. 74 Unit Letter K Section 14 Township 31 NORTH Range 17 WEST NMPM
 Located 2250 Feet From the SOUTH Line, 2630 Feet From the WEST Line
 County SAN JUAN G. L. Elevation 5703.9' Dedicated Acreage 40.00 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

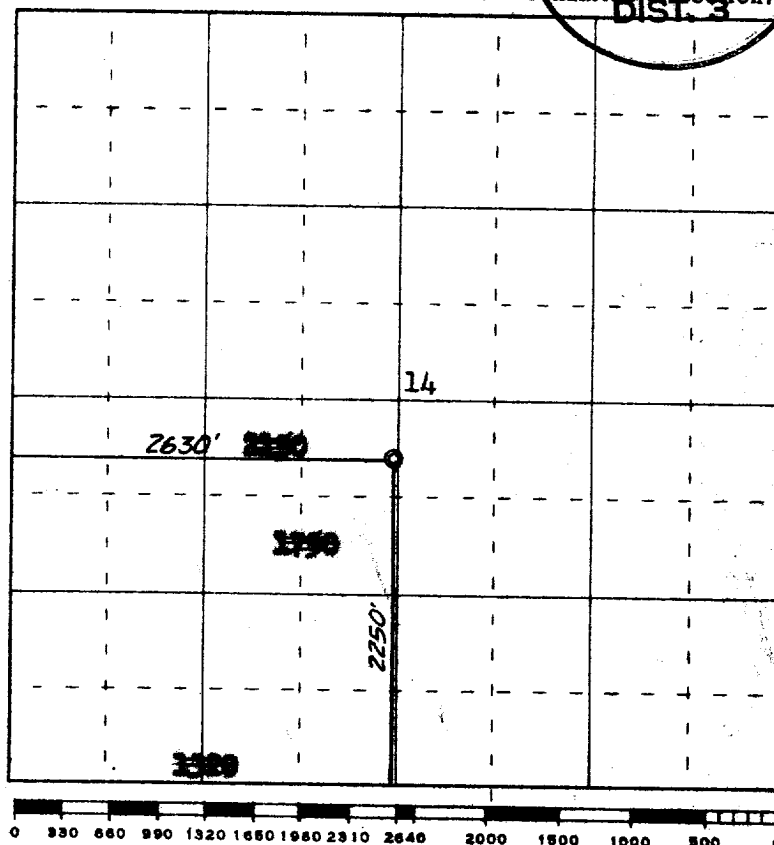
(Representative)

P. O. BOX 2137

(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.

Date Surveyed 21 September 1962

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

Farmington, New Mexico