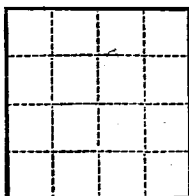


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency \_\_\_\_\_  
Window Rock \_\_\_\_\_  
Allotted Navajo Tribal \_\_\_\_\_  
Lease No. 14-20-603-734 \_\_\_\_\_



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	RECEIVED MAY 9 1952 U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO
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		

Intention to convert to water Inj. x

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

Well No. 17 is located 460 ft. from [N] line and 3900 ft. from [E] line of sec. 31  
31N 16W NMPM  
 (Twp.) (Range) (Meridian)  
Horseshoe Gallup San Juan New Mexico  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the Ground ~~derrick floor~~ above sea level is 9100 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)

This well is perforated 1236'-1248' and 1157'-1179', 1146'-1158' in the Gallup Formation. We propose to convert this well to water injection as part of a secondary recovery project. A packer will be used to separate zones. Water will be injected thru tubing into the lower zone, and thru the casing-tubing annulus into the upper zone.



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

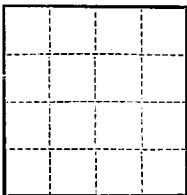
Company The Atlantic Refining Company  
 Address P. O. Box 2197  
Farmington, New Mexico  
 By B. J. Sartin  
 Title Production Supervisor



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency \_\_\_\_\_  
Window Rock  
Allotted Navajo Tribal  
Lease No. 11-20-603-731



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	

Intention to convert to water Inj. x

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

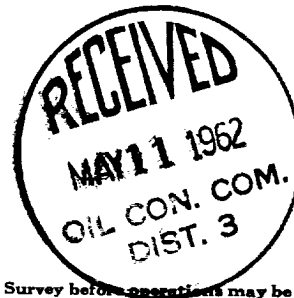
Well No. 17 is located 660 ft. from N line and 1980 ft. from E line of sec. 31  
SW 1/4 Sec. 31 (1/4 Sec. and Sec. No.) 31N (Twp.) 16W (Range) NTPM (Meridian)  
Horseshoe Gallup (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the Ground above sea level is 5450 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)

This well is perforated 1236'-1248' and 1157'-1179', 1116'-1118' in the Gallup Formation. We propose to convert this well to water injection as part of a secondary recovery project. A packer will be used to separate zones. Water will be injected thru tubing into the lower zone, and thru the casing-tubing annulus into the upper zone.



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, New Mexico

By B. J. Sartain

Title Production Supervisor