

(SUBMIT IN TRIPLICATE)

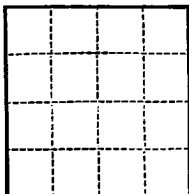
Indian Agency \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Window Rock \_\_\_\_\_

Allottee Navajo Tribal \_\_\_\_\_

Lease No. 24-20-603-734 \_\_\_\_\_



## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<b>RECEIVED</b> APR 29 1959 LUG FW
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)

April 27, 1959

Well No. 49 is located 650 ft. from S line and 1960 ft. from E line of sec. 32

SW SE Sec. 32 31 N 16 W N.N.P.M.  
(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 ~~surface~~ above sea level is 5335 ft.

## DETAILS OF WORK

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

Spudded 6:00 P.M., 4-13-59. Drilled 12-1/4" hole to 105' SLH. Ran 3 joints 8-5/8" O.D. 24# J-55 casing = 92.08'. Set at 100.08' and cemented with 115 sacks common cement plus 3% CaCl. Job complete 11:30 P.M., 4-13-59. Cement circulated. W.O.C. to 1:00 P.M., 4-14-59. Tested 8-5/8" casing with 500# for 30 minutes, O.K. Resumed drilling 5:00 P.M., 4-14-59. Drilled to 1271' TD. Ran SP Sonic and Induction IS. Ran 38 joints 5-1/2" O.D. 14# J-55 casing = 1249.36'. Set at 1256.39' and cemented with 120 sacks regular mix Pozmix. Plug down 1:30 P.M., 4-17-59. W.O.C. to 5:00 A.M., 4-19-59. Tested 5-1/2" casing with 1000# for 30 minutes, O.K. Ran Gamma Ray Correlation log to 1219' FPD. Perforated 1173-1202' Schl. and G.R. with 58 jets. Treated perforations with 20,000# 10/20 sand and 10,500 gallons lease crude. Formation broke down 1580-700#. Average treating pressure 900# at the rate of 46 BPM. Job complete 8:00 A.M., 4-19-59. Perforated 1084-1110' Schl. and G.R. with 52 jets. Treated perforations 1084-1110' with 20,000# 10/20 sand and 8,614 gallons lease crude. F.B.D. 1300-800#. Average treating pressure 600# at 36 BPM. Job complete 6:00 PM 4-19-59

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 520Casper, WyomingBy Ad K. KlineTitle Drilling Superintendent