Form 9-331 b
(April 1952)

Budget Bureau No. 42-R359.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency: Window Rock
Allottee: Navajo Ute Mtn. Tribal
Lease No. 14-20-600-3531

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED SEP 3 1959 GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO

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	X
NOTICE OF INTENTION TO ABANDON WELL			

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

September 1, 1959

Well No. Navajo B 24 is located 1850 ft. from {S} line and 1920 ft. from {W} line of sec. 20

NE SW Sec. 20 (¼ Sec. and Sec. No.) 31 N (Twp.) 16 W (Range) N.M.P.M. (Meridian)

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

The elevation of the ground above sea level is 5560 ft.

RECEIVED SEP 4 1959 OIL CON. COM. DIST. 3

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)

Spudded 4:00 P.M., 8-15-59. Drilled to 106'. Ran 3 joints 8-5/8" O.D. 24# J-55 casing - 94.50'. Set at 102.50' and cemented with 115 sacks common cement plus 3% CaCl. Job complete 1:30 A.M., 8-16-59. W.O.C. to 4:00 P.M., 8-16-59. Tested 8-5/8" casing with 500# for 30 minutes, O.K. Started drilling plug at 5:30 P.M., 8-16-59. Drilled to 1460'TD. Ran Induction ES, their TD 1461'. Ran 45 joints 4-1/2" 9.5# J-55 casing - 1447.28'. Set at 1454.31' and cemented with 160 sacks regular mix Pozmix. Plug down 2:30 P.M., 8-19-59. W.O.C. to 7:00 A.M. 8-21-59. Tested 4-1/2" casing with 1000# 30 minutes, O.K. Ran Gamma Ray Correlation log, their TD 1419'. Perforated 1401-1407' Schlumberger - 1407-1413' Gamma Ray with 24 jets. Treated perforations with 100,000# 10/20 sand, 10 rubber coated nylon balls and 43,890 gallons lease crude. Formation broke down 3200-1000#. Average treating pressure 1500#, average injection rate 43 BPM. Job complete 10:30 A.M., 8-21-59.

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 Company

Address: P. O. Box 520
Casper, Wyoming

By: B. J. Sartain

Title: District Drilling Supervisor