



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYIndian Agency Window Rock
Allottee Navajo Tribal
Lease No. 14-20-60-3-734

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	

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

May 14, 1959

Well No. Navajo 46 is located 1980 ft. from N line and 660 ft. from E line of sec. 30
C NE SE Sec. 30 31 N 1 16 E N.M.P.M.
(34 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 above sea level is 5476 ft.

DETAILS OF WORK

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

Spudded 10:00 A.M., 4-24-59. Drilled to 100' GL. Ran 3 joints 8-5/8" OD 2 1/2" J-55 casing = 95.99'. Set at 105.99' RKB and cemented with 115 sacks common cement + 3% CaCl. Job complete 10:00 A.M., 5-2-59. WOC 5 days. Tested casing with 500# 30 minutes, O.K. Drilled plug 4:00 P.M., 5-7-59. Drilled to 1376'. Ran Induction ES and SP Sonic logs. Drilled to 1400' TD. Ran 43 joints 4-1/2" OD 9.5" J-55 casing = 1384.36'. Set at 1393.56' and cemented with 150 sacks Pozmix. Plug down 7:00 PM, 5-9-59. WOC 18 hours. Tested 4-1/2" casing with 1000# 30 minutes, O.K. Ran GR Correlation log, their TD 1362' PBD. Perforated 1328-1346' Schl. = 1327-1345' GR with 36 jets. Treated with 20,000# 10/20 sand, 8,950 gallons lease crude and 223# FL-2. Formation broke down 2000-1000#. Average treating pressure 1600# at average injection rate 28.8 BPH. Job complete 1:00 PM, 5-11-59. Perforated 1201-1226' Schl. = 1200-1225' GR with 50 jets. Treated perforations with 20,000# 10/20 sand, 6,950 gallons lease crude and 177# FL-2. PBD 1300-1100#. Average treating pressure 1400# at average injection rate 25.6 BPH. Job complete 5:00 P.M., 5-11-59.

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 KlopfensteinTitle Drilling Superintendent

