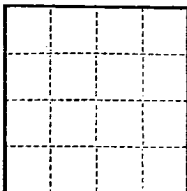


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency \_\_\_\_\_  
Mining Book \_\_\_\_\_  
Allottee Navajo Indian \_\_\_\_\_  
Lease No. U-90-602-224



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)

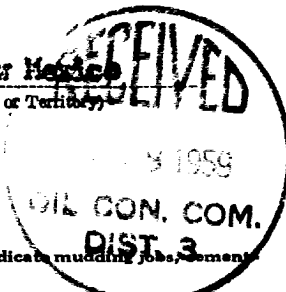
May 11, 1959

Well No. Navajo 50 is located 1950 ft. from S line and 1980 ft. from W line of sec. 32

NE SW Sec. 32 31 W 16 W N.M.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 above sea level is 5365 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 2:00 PM, 4-21-59. Drilled to 104' GL. Ran 3 joints 8-5/8" OD 24" J-55 casing = 90.86'. Set at 98.86' and cemented with 115 sacks common cement plus 3% CaCl. Job complete 6:00 PM, 4-25-59. WOC to 10:00 P.M., 4-25-59. Tested casing with 500# 30 minutes, O.K. Started drilling plug 12:30 A.M., 4-27-59. Drilled to 1278' TD. Ran induction ES and SP Sonic logs, their T.D. 1280'. Ran 40 joints 4-1/2" OD 9.5# J-55 casing = 1262.66'. Set at 1269.69' and cemented with 120 sacks Diamix. Plug down 1:30 PM, 4-29-59. WOC to 8:00 A.M., 5-1-59. Tested casing with 1000# for 30 minutes, O.K. Ran CR Correlation log, 1256' FBD. Perforated 1201-1230' Schl. = 1198-1227' GR with 58 jets. Treated perforations with 20,000# 10/20 sand in 9,450 gallons lease crude. Formation broke down 2500-1900#. Average treating pressure 1400#, average injection rate 3 1/2 BPH. Job complete 6:30 P.M., 5-1-59. Perforated 1122-1134' Schl. = 1119-1131' GR with 24 jets. Treated with 20,000# 10/20 sand in 8,904 gallons lease crude. FBD 2500-1700#. Average treating pressure 1700#, average injection rate 3 1/2 BPH. Job complete 6:30 A.M., 5-2-59.

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 [Signature]

Title Drilling Superintendent