

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____

Window Rock

Allottee Navajo Tribal

Lease No. 71-20-603-731

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	JUN 10 1959 GEOLOGICAL NEW MEX
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)

June 9, 19 59

Navajo
Well No. 60 is located 660 ft. from [S] line and 702 ft. from [W] line of sec. 30
SW 1/4 Sec. 30 31 N 16 W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Horseshoe Gallup San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~drill hole~~ ^{ground} above sea level is 5552.6 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, 5-15-59. Drilled to 101' GL. Ran 3 jts 8-5/8" OD 2 1/2" J-55 casing = 95.40'. Set at 103.40' and cemented with 115 sacks common cement + 3% CaCl. Job complete 2:30 PM, 5-18-59. WOC 4 days. Tested casing with 500# 30 minutes, O.K. Started drilling plug at 5:30 P.M., 5-22-59. Drilled to 1386' TD. Ran Induction ES and SP Sonic logs, their TD. 1386'. Ran 43 jts 4 1/2" OD 9.5# J-55 casing = 1345.85'. Set at 1352.88' and cemented with 150 sacks Pozmix. Plug down 3:00 PM, 5-25-59. WOC 63 hours. Tested 4 1/2" casing with 1000# 30 minutes, O.K. Ran GR Correlation log, their FID 1323'. Perforated 1305-1311' Sch = 1301-1307' GR with 2 1/2 jets. Treated with 30,000# 10/20 sand in 12,600 gallons lease crude. FID 2700-1900#. Average treating pressure 2000#, average injection rate 25.3 BPM. Job complete 11:30 AM, 5-28-59. Perforated 1224-1260' Sch = 1220-1256' GR with 1 1/2 jets. Treated perforations with 50,000# 10/20 sand in 21,840 gallons lease crude. FID 2900-1275#. Average treating pressure 1700#, average injection rate 30.4 BPM. Job complete 4:00 P.M., 5-28-59.

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 A. P. Klofner

Title Drilling Superintendent

