

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____

Window Rock

Allottee Navajo Tribal

Lease No. 11-0-603-734

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<u>JUN 10 1959</u>
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	<u>LOGICAL</u>
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	<u>NEW M</u>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	<u>X</u>
NOTICE OF INTENTION TO ABANDON WELL		

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

June 9, 1959

Well No. 57 is located 1950 ft. from N line and 660 ft. from E line of sec. 31

NE SE Sec. 31 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 ground above sea level is 5317.30 ft.

DETAILS OF WORK

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

Spudded 1:00 PM, 5-9-59. Drilled to 97' GL. Ran 3 jts 8-5/8" OD 21# J-55 casing = 92.21'. Set at 93.21' and cemented with 115 sacks common cement + 3% CaCl. Job complete 5:30 P.M., 5-11-59. WOC 51 hours. Tested casing with 500# 30 minutes, O.K. Started drilling plug 9:00 PM, 5-13-59. Drilled to 1305' TD. Ran Induction RS and SP Sonic logs, their TD 1305'. Ran 30 jts 1 1/2" OD 9.5# J-55 casing = 1229.15'. Set at 1236.18' and cemented with 140 sacks Pozmix. Plug down 7:00 AM, 5-16-59. WOC 24 hours. Tested 1 1/2" casing with 1000# 30 minutes, O.K. Ran GR Correlation log, their TD 1201'. Perforated 114'-1184' Sch = 1142-1182' GR with 160 jets. Treated with 60,000# 10/20 sand, 60 balls and 19,824 gallons lease crude. FBD 3000-800#. Average treating pressure 1000#, average injection rate 41 BPM. Job complete 2:30 PM, 5-17-59.

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. D. Kline

Title Drilling Superintendent

[illegible]