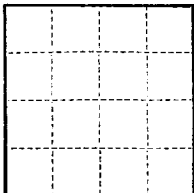


(SUBMIT IN TRIPLICATE)

Indian Agency _____

Window Rock

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYAllottee Navajo Ute Mtn. TribalLease No. 14-20-600-3531

SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED

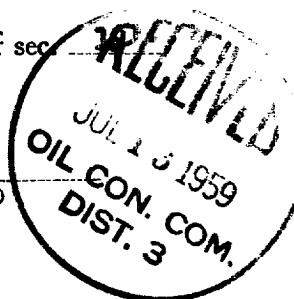
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING 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)

July 9, 1959

Navajo B
Well No. 17 is located 1980 ft. from N line and 703 ft. from W line of sec. 19
SW NW Sec. 19 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 ~~surface~~ ground above sea level is 5618.5 ft.



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 12:30 P.M., 6-23-59. Drilled to 102'. Ran 3 jts 8-5/8" OD 2 1/2" J-55 casing = 92.24'. Set at 100.24' and cemented with 115 sacks common cement plus 3% CaCl. Job complete 7:00 PM, 6-23-59. WOC to 10:00 A.M., 6-24-59. Tested casing with 500 30 minutes, J.K. Began drilling plug 11:00 A.M., 6-24-59. Drilled to 1515' TD. Ran Induction ES and SP Sonic logs, their TD 1515'. Ran 47 joints 4-1/2" OD 9.5" J-55 casing = 1193.39'. Set at 1500.42' and cemented with 150 sacks Pozmix. Plug down 1:30 P.M., 6-28-59. WOC 38 1/2 hours. Tested 4-1/2" casing with 1000# 30 minutes, O.K. Ran GR Correlation log, their PBD 1170'. Perforated 1143-1152' Schlumberger and Gamma Ray with 36 jets. Treated with 20,000# 10/20 sand in 6,258 gallons lease crude. FBD 3000#, average treating pressure 1700#, average injection rate 35 BPM. Job complete 10:30 A.M., 6-30-59. Retreated above perforations with 20,000# 10/20 sand in 8,568 gallons lease crude. FBD 3000#, average treating pressure 1800#, average injection rate 24 BPM. Job complete 10:30 A.M., 7-2-59. Perforated 1326-1344' Sch and GR with 72 jets. Treated with 60,000# 10/20 sand in 19,787 gallons lease crude. FBD 2800-1300#, average pressure

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.
1300#, average injection rate 29.5 BPM. Job complete 11:30 A.M., 7-2-59.

Company The Atlantic Refining CompanyAddress P. O. Box 520Casper, WyomingBy A. D. KlopferTitle Drilling Superintendent