

Form 9-331b
(April 1952)

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Window Rock
Allottee Navajo Tribal
Lease No. U-20-603-73

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>LOG</u>
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	<u>NEW</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. Navajo 48 is located 660 ft. from N line and 2021 ft. from W line of 30
NE 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 ground above sea level is 5214.7 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 9:00 AM, 4-25-59. Drilled to 102' GL. Ran 3 jts 8-5/8" casing 2 1/2" J-55 = 94.45'. Set at 95.45' and cemented 135 sacks common cement + 3% CaO. Job complete 5:00 PM, 5-7-59. WOC 6 days. Tested casing with 500' 30 minutes, O.K. Started drilling plug 7:00 PM, 5-13-59. Ran Induction log and SP Sonic logs, and drilled to 1171' TD. Ran 45 jts 4 1/2" OD 9.5" J-55 casing = 1455.50'. Set at 1164.70' and cemented with 150 sacks Pozmix. Plug down 6:00 AM, 5-16-59. WOC 24 hours. Tested 4 1/2" casing with 1000' 30 minutes, O.K. Ran GR Correlation log, their TD 1131'. Perforated 1101-1120' Sch = 1297-1316' GR with 76 jets. Treated with 20,000' 10/20 sand, 187# FL-2 and 8,232 gallons lease crude. FBD 2700-1000%. Average treating pressure 1500#, average injection rate 27.2 BPM. Job complete 9:30 AM, 5-17-59. Perforated 1278-1282' & 1288-1310' Sch = 1274-1278' & 1284-1306' GR with 104 jets. Treated perforations with 30,000' 10/20 sand, 213# FL-2 in 11,256 gallons lease crude. FBD 2850-1000%. Average treating pressure 1750#, average injection rate 25.3 BPM. Job complete 12:30 P.M., 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. O. Kopp

Title Drilling Superintendent

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