

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____

Window Rock

Allottee Navajo Tribal

Lease No. 14-20-603-734

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	MAY 20 1959
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	LOGGING
NOTICE OF INTENTION TO ABANDON WELL	Report of DST's #1 and #2	X

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

May 15, 1959

Navajo
Well No. 45 is located 660 ft. from [S] line and 660 ft. from [W] line of sec. 29
C SW 34 Sec. 29 31 N 16 W N.M.P.M.
(34 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 5416.7 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)

Ran DST #1 testing open hole 1849-1896', 5/8" bottom choke, 1" top choke, no water cushion. Took 30 minute initial shut in. Tool open 1 1/2 hours. Had immediate good air blow which decreased to fair blow and continued throughout. Recovered 20' water cut drilling mud and 1585' water with strong sulphur odor. IBHPC = not recorded. IBHPT = 135#, FBHPC = 745#, FBHPT = 665#.

Ran DST #2 testing open hole 1992-2039', 3/4" bottom choke, 1" top choke, no water cushion. Took 30 minute initial shut in. Tool open 1 1/2 hours. Took 30 minute final shut in. Had immediate good air blow, for 1 hour, then died. Recovered 120' water cut mud and 1762' of water with strong sulphur odor. IBHPC = 790#, IBHPT = 270#, FBHPC = 790#, FBHPT = 790#.

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 B. J. Sartain

Title Drilling Superintendent

