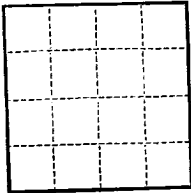


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____

Allottee Navajo TribalLease No. 11-20-603-731

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 |
| 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)

April 27, 1959

Well No. 12 is located 1980 ft. from S line and 121 ft. from E line of sec. 32NE SE Sec. 32 31 W 16 W N.H.M.
(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 5338.9 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 5:00 A.M., 4-18-59. Drilled to 108' SH. Ran 3 joints 8-5/8" OD 21# J-55 casing = 94' 94.08'. Set at 103.88' and cemented with 115 sacks common cement plus 3% CaCl. Job complete 1:30 A.M., 4-20-59. W.O.C. 16 hours. Tested 8-5/8" casing with 500# for 30 minutes, O.K. Resumed drilling 7:00 P.M., 4-20-59. Ran Induction RS and SP Sonic logs. Drilled to 1312' TD. Ran 40 joints 4-1/2" OD 9.5# J-55 casing = 1297.68'. Set at 1307.48' and cemented with 120 sacks Pozmix. Plug down 11:30 P.M., 4-22-59. W.O.C. 30 hours. Tested 4-1/2" casing with 1000# for 30 minutes, O.K. Ran Gamma Ray Correlation log. Perforated 1233-1245' Schl. = 1229-1241' GR with 24 jets. Treated with 20,000# 10/20 sand in 7434 gallons lease crude. F.B.D. 2000-1700#. Average treating pressure 1500# at 36 BPM. Job complete 10:30 A.M., 4-24-59. Perforated 1107-1121' and 1129-1146' Schl. = 1103-1117' and 1125-1142' GR with 62 jets. Treated with 20,000# 10/20 sand in 5712 gallons lease crude. F.B.D. 2400-1300#. Average treating pressure 1300# at 34 BPM. Job complete 5:00 P.M., 4-24-59.

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 CompanyAddress P. O. Box 520Casper, WyomingBy A. K. KlopferTitle Drilling Superintendent

2000-000000
 2000-000000
 2000-000000

100

10