

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee

Lease No. 14-20-603-2033

Co. Log. 234570

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	Subsequent Report of Performance and Pressure Treatment

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

NAVAJO TRIBE "C"

September 23, 1959

Well No. 9 is located 736 ft. from S line and 2045 ft. from E line of sec. 11

SW 1/4 of SW 1/4 11
(1/4 Sec. and Sec. No.)

31N 17W
(Twp.) (Range)

107N
(Meridian)

Osage Rock Gallup
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 5515 ft.

DETAILS OF WORK

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

Spudded 9-1/8" hole 7-23-59, set 7" casing at 36' w/ 8 sacks regular cement. Drilled w/ air to 1065 and mudded up. Drilled to 1065 TD. Run electric logs. Set 4 1/2" casing at 1070' w/ 75 sacks 15 Gal. Oil. cement. Pumped plug down w/ 200 gals. MHA and oil. Perforated 4 1/2" casing 1007-1020' w/ 4 jet shots per foot. Sand/oil free perforations 4 1/2" casing 1007-1020' w/ 313 lbm. loose gravel, 30,000' sand. Average injection rate 17.9 BPM at 6500', and pumped well from 955 to 1040' (TD). Set 2" tubing at 1040'. Run rods and p. up. On 24 hour test pumping 14-20" BPM well produced no oil. Well presently shut in pending approval to convert to Injection Well.



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Mobile Oil & Refining Company

Address Box 2347 - Hobbs, New Mexico

ORIGINAL
SIGNED: R. R. ALWORTH

By

Title District Superintendent

—

1

E. coli

1. *Chlorophyll a* (Chl *a*)

3

100

1

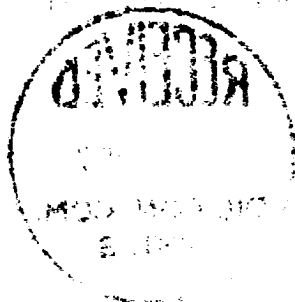
1

22

2 1 0

Age Group	Percentage of Respondents
18-29	85%
30-49	80%
50-69	75%
70+	70%

1000



1. *Phragmites australis* (Cav.) Trin. ex Steud.

44