

			X
	28		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-B359.4

Indian Agency **NAVAJO TRIBAL**

Allottee _____
Lease No. **14-20-603-5012**

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	X
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)

JULY 30, 19**63**

Well No. **NAVAJO 1-28** is located **640** ft. from **[N]** line and **690** ft. from **[E]** line of sec. **28**

NE NE 28 **32N** **17W** **NTP**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

UNDESIGNATED **SAN JUAN** **NEW MEXICO**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5915*** 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)

*Note change in elevation from previous reported elevation.



RECEIVED

JUL 31 1963

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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

Company **CURTIS J. LITTLE**
Address **2929 MONTE VISTA, NE**
ALBUQUERQUE, NEW MEXICO

By *Curtis J. Little*
Title **OPERATOR**

DETAILS OF WORK

Air drilled 6-1/4" hole to 1650'. Had estimated 200' formation oil fill up. Loaded hole with crude. Core No. 1 - 1650-1665. Cut and recovered 15' core: 4' sandstone, light gray, medium grained, subangular, glauconitic, slightly shaley near bottom of interval, slightly calcareous, fair to good porosity, good stain, odor, fluorescence and cut. 11' shale: gray, dense, with thin interbeds of siltstone and fossiliferous limestone. Drilled to 1697'. Ran induction-gamma ray and sonic logs. Ran tubing and swabbed hole dry. After hole set for 4½ months found fluid level at 486' from surface. Calculated BHP 415 psi. Re-entered hole 4-12-63. Drilled to 1729'. Ran 1721.5' of 5" casing and cemented with 25 sx treated with 10 cu. ft. Stratcrete, 5 cu. ft. Kolite, 75 lbs. bentonite and 5 lbs. Jel flake. Perforated 1640-1654' with 4 jet shots per foot. Sand-oil frac'd with 32,760 gallons lease crude and 15,000 lbs. of 20/40 sand and 300 lbs. of E-300 (paraffin solvent granules). Breakdown 3400 psi, injection rate 15.2 bbls/min., treating pressure 1600-2300 psi, dropped 18 rubber ball sealers in three stages, 15 minute shut-in 1700 psi. Pressure to zero after shut in overnight. Washed to bottom. Ran 1670.5' of 2-3/8" J-55 tubing, 4' perforated sub and 31.8 feet of 2-3/8" mud anchor. Recovered all load oil on 5-27-63 and potentialled on pump for 15 bbls. oil in 24 hrs.

Re-fractured on 7-2-63 after cutting notch with abrasijet from 1649-50. Frac'd with 44,400 gallons lease crude, 35,000 lbs. sand. Broke at 1000 psi, treated at 1700 psi, injection rate 28 BPM, instant shut in 1000 psi, 15 min. at 750 psi. Recovered all load oil on 7-24-63 and potentialled on pump for 70 barrels of oil in 24 hrs.

