



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. N.M. 013492
Unit A. L. Duff

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	<u>Production</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	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING 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		<u>Report of Perforations</u>	<u>X</u>
		<u>Report of Sand-Fracing</u>	<u>X</u>

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

November 25, 19 57

A. L. Duff
Well No. 4 is located 1980 ft. from [N] line and 660 ft. from [E] line of sec. 20

SE/4-NE/4
(1/4 Sec. and Sec. No.)

26N
(Twp.)

13W
(Range)

N.M.P.M.
(Meridian)

Bisti (Gallup)
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is _____ 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)

Ran & set 5 1/2" casing at 5274' & cemented with 125 sks. reg. cement & 125 sks. pozmix cement, 2% Gel.

Perforated 5 1/2" casing 5227-28' with 4 bullets to test cement job. Cement job tested O.K. Perforated 5 1/2" casing 5212 1/2'-5219 1/2' & 5224-27'. Total perforations 11', 44 bullets.

Fraced Gallup formation thru 5 1/2" casing perforations 5212 1/2'-19 1/2' & 5224-28', down 5 1/2" casing, with 40,000# sand & 33,400 gals. lease oil. BDP 2500#, Max. TP 2650#, Min. TP 2300#, Inj. Rate 44.4 BPM. Shut-down pressure 1150#.

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

Company _____

Address _____

By _____

Title District Superintendent