



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. SP 679938  
Unit L. E. Lockhart

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF <u>Production</u> <u>X</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

L. E. Lockhart  
Well No. 4 is located 660 ft. from [N] line and 660 ft. from [E] line of sec. 33

NE/4 Section 33  
(1/4 Sec. and Sec. No.)

29N  
(Twp.)

10W  
(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 mudding jobs, cementing points, and all other important proposed work)

Ran & set 5 1/2" casing at 5467' & cemented with 125 sks. reg. cement & 125 sks. pozzol cement, 2% Gel.

Perforated 5 1/2" casing 5320-34' & 5347-64' with 4 Lane Wells bullets per ft. Total of 31', 124 shots including 1 ft. perforated to test cement job.

Frased Gallup formation down 5 1/2" casing thru 5 1/2" casing perforations 5320-34' & 5347-64' with 40,000# sand & 40,000 gals. lease oil using 50 free balls. BLP 1700#, broke to 1000#, Max. TP 2500#, Min. TP 2000#, Inj. Rate 45.8 BPM. Flushed & over-flushed with 181 bbls. oil. Time of treatment 26 min.

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