



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. 079843

Unit Northeast Blanco

Unit Agreement No. 1, Sec. 929

## 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 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>Subsequent report of sandfree</u>	<b>X</b>

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

July 25, 1957

Well No. 46-33 is located 1285 ft. from THIR line and 1360 ft. from W line of Sec. 33

SE/4, Sec. 33  
(1/4 Sec. and Sec. No.)

T1N  
(Twp.)

7W  
(Range)

R1E  
(Meridian)

Blanco Manzanero  
(Field)

San Juan  
(County or Subdivision)

New Mexico  
(State or Territory)

The elevation of the derrick floor above sea level is 6342 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)

On 7-13-57, perforated the Point Lookout Zone thru 5-1/2" casing with 2 holes per foot 5486'-5510', 5518'-5566', 5598'-5610' & 5630'-5636'. Sand-water fraced with 42,000 gals of water & 42,000 lbs of sand. Injected 100 rubber balls in 5 stages during treatment. Hole sealed off with last 20 ball injection. Maximum treating pressure 2500 PSI. Minimum treating pressure 950 PSI. Final pressure 2500 PSI. Average injection rate 42 bbls per minute.

On 7-14-57, set bridge plug at 5428' and perforated the Manzanero & Cliffhouse Zones thru 5-1/2" casing with 2 holes per foot 5134'-5138', 5150'-5180', 5204'-5214', 5234'-5239', 5246'-5254', 5264'-5270', 5274'-5280', 5306'-5336', 5340'-5346', 5358'-5364', 5388'-5396' & 5410'-5420'. Sand-water fraced with 55,400 gals of water & 50,000 lbs of sand. Injected 100 rubber balls in 5 stages during treatment. Maximum treating pressure 1500 PSI. Minimum treating pressure 750 PSI. Final pressure zero PSI. Average injection rate 39 bbls per minute.

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

Company Blackwood & Nichols Company (Unit Operator)

Address P. O. Box 1237

Durango, Colorado

Original Signed  
By by Delasso-Loog Delasso Loog

Title Field Superintendent