

(SUBMIT IN TRIPLICATE)

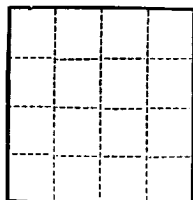
Land Office Santa Fe

Lease No. 079060

Unit Northeast Blanco

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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.....	<b>Subsequent report of sand-water frac X</b>

**WORKOVER**

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

May 14, 1964

Well No. 13-20 is located 2500 ft. from TX line and 1700 ft. from EX line of sec. 20

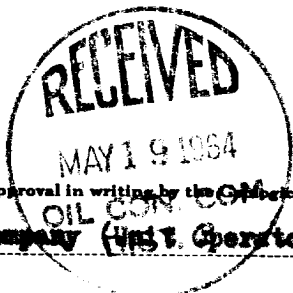
SW/4 Sec. 20 30N 7 RMPM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Blanco Mesaverde Rio Arriba New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6409 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 April 29, 1964, perforated the Mesaverde Zone through 4-1/2" casing with two holes per foot; 5140'-5200', 5288'-5298', 5362'-5372', 5410'-5430', 5522'-5562', 5564'-5594', 5608'-5638', 5648'-5654'. Sand-water fraced in one stage with 59,010 gals water and 46,000 lbs 20-40 sand and 160# FR-8 flushed with 9,660 gals water. Injected 200, 15/16" rubber balls. Maximum treating pressure 2500 PSI; Minimum treating pressure 1600 PSI; Shut in pressure 600 PSI; Average injection rate 42.8 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

By DeLasso Loes

Title Field Superintendent