



(SUBMIT IN TRIPLICATE)  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. 079045  
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 sand-water free</u>

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

September 21, 1956

Well No. 2-20 Workover is located 990 ft. from the line and 1650 ft. from the line of sec. 20

SW 1/4 Section 20  
(1/4 Sec. and Sec. No.)

31N  
(Twp.)

7N  
(Range)

NMPM  
(Meridian)

Blanco Masoveria  
(Field)

San Juan  
(County or Subdivision)

New Mexico  
(State or Territory)

The elevation of the derrick floor above sea level is 6427 ft.

### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mud logging jobs, cementing points, and all other important proposed work)

8-30-56. perforated Point Lookout zone thru  $5\frac{1}{2}$ " liner with 4 holes per ft. 5600'-5620', 5626'-5646', 5652'-5696', & 5702'-5710'. Sand-water fraced with 53,500 gals water and 50,000 lbs sand. Flushed with 9450 gals water. Maximum treating press. 2500 PSI. Minimum treating press. 600 PSI. Final press. zero PSI. Average injection rate 39.8 bbls per minute.

Set Lane-Wells bridge plug at 5521' and perforated Hamedee zone thru  $5\frac{1}{2}$ " liner with 4 holes per ft. 5526'-5536', 5546'-5586', 5604'-5630', 5644'-5664', 5682'-5692' & 5510'-5520'. Sand-water fraced with 46,400 gals water & 30,000 lbs sand. Flushed with 9450 gals water. Maximum treating press. 2400 PSI. Minimum treating press. 1000 PSI. Final press. zero PSI. Average injection rate 41.5 bbls per minute.

Set Lane-Wells bridge plug at 5292' & perforated Cliffhouse zone thru  $5\frac{1}{2}$ " liner with 4 holes per ft. 5254'-5264' & 5270'-5290'. Sand-water fraced. Initial press. 2250 PSI which broke to 1800 PSI & decreased to 1200 PSI. Pressure then increased to 2500 PSI & formation cased off after 20,000 gals water & 25,000 lbs sand. Average injection rate of fluid pumped was 20.2 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 DeLasse Loe DeLasse Loe

Title Field Superintendent

