



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 079511
Unit Northeast Blanco
Unit Agrmt. 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 zone A</u>

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

Workover

May 11, 1961

Well No. 5-15X is located 1190 ft. from XXS line and 1100 ft. from XXW line of sec. 23
SW/4 Sec. 13 30N SW NMPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Blanco Mesaverde San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6099 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 5/3/61, perforated the Mesaverde Zone thru 2-7/8" liner with 2 holes per foot 4798' - 4818', 4832' - 4842', 4850' - 4860', 5004' - 5024', 5032' - 5052', 5162' - 5179', 5192' - 5216', 5228' - 5236', 5240' - 5254' and 5264' - 5298'.
On 5/4/61 sand-water fraced with 59,400 gallons of water and 20,000 lbs. of sand, with water broken down as follows: Lead hole 4,100 gallons, breakdown 5,800 gallons, treatment 41,100 gallons, and flush 8,400 gallons. Injected 90 rubber balls during treatment. Maximum treating pressure 1850 PSI. Minimum treating pressure 1125 PSI. Final pressure zero PSI. Average injection rate 4.4 BPM.

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 Delano Loe
Title Field Superintendent