



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Santa Fe
Lease No. NM 03358
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.....	

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U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXI

Subsequent Report of Sand-water Flow

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

November 20, 1959

MESAVERDE-DAKOTA DUAL

Well No. 58-13 is located 925 ft. from N line and 990 ft. from E line of sec. 13
NE/NE/4 Sec. 13 31N 7W 101N
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Blanco Mesaverde-Dakota San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6524 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 10/27/59, perforated the Dakota zone thru 5/8" casing with 4 holes per foot 7987'-8012', 8036'-8079' & 8085'-8102'. Sand-water fraced with 55,600 gallons of water with 1% CaCl₂ & WLC-1 (including 10,800 gallons clear water flush) and 20,000 lbs. of sand. Breakdown pressure 3100-2500 PSI. Maximum treating pressure 2800 PSI. Minimum treating pressure 2450 PSI. Final pressure 2300 PSI. Average injection rate 25.6 barrels per minute.

On 10/29/59, set bridge plug at 7950'. Bridge plug leaked. Set retainer at 7910' and loaded hole with water. Set another retainer at 5890' and perforated the Point Lookout Zone thru 5/8" casing with 2 holes per foot 5710'-5723', 5729'-5748', 5767'-5774', 5781'-5790', 5802'-5812', 5842'-5853' & 5857'-5864'. Sand-water fraced with 48,820 gallons of water (including flush) and 40,000 lbs. of sand. Injected 50 rubber balls during treatment. Breakdown pressure 1800-1400 PSI. Maximum treating pressure 1450 PSI. Minimum treating pressure 1250 PSI. Final pressure zero PSI. Average injection rate 54.8 barrels per minute. (Over)

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 1237Durango, ColoradoOriginal Signed
by Delasso Loos Delasso LoosTitle Field Superintendent

set retainer at 5675' but plug moved up hole to 5570'. Set another retainer at 5560' and perforated the Kemmer & Clifton zone thru 3/4" casing with 2 holes per foot 5421'-5428', 5464'-5475', 5501'-5506', 5519'-5524' & 5535'-5540'. Sand-water mixed with 48,400 gallons of water (including flush) and 40,000 lbs of sand. Breakdown pressure 2900-1800 PSI. Maximum treating pressure 1750 PSI. Minimum treating pressure 1500 PSI. Final pressure 600 PSI. Average injection rate 45.9 barrels per minute.