



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. 078521

Unit \_\_\_\_\_

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	

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

March 21, 1961

Century Exploration Rudman  
Well No. 744 #1 is located 1190 ft. from N line and 790 ft. from E line of sec. 27

SW 1/4 Sec. 27 25N 9W RMP  
(Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Basin Dakota San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6552.6 ft. 6542.6 O.L. OIL COMPANY

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)

FBTD - 6494'. Perforated 2 super dyna jets/ft 6442-6426 and 6408-6386. Frac Lower Dakota using 2 Halliburton ZHT 400 trucks 28,000# 20-40 sd, 1,000 gal water to breakdown, 25,500 gal water frac 5040 gal water flush 31,540 gal total fluid w/15% WAC 8 per 1000 gal water. Breakdown press. 1200, I.P. 3500, min. 1150 ave. 3300 max & final 3750. Started sd @ 1/2 gal increased to 3/4 after 14 minutes, 1 1/2 gal after 21 minutes, decreased to 1/2 gal after 27 minutes. Ave injection rate 20.8 b/m. Instant shut in 3000#, 10 minute shut in 1800#. Set Baker magnesium bridge plug @ 6370' perforate w/Lane Wells 4 super dyna jets/ft. 6324' to 6304'. Frac w/Halliburton, 900 gal to breakdown, 46,415 gal to frac, 5166 gal to flush. Total water used 52,451 gal with 15% WAC 8 per 1000 gal 42,000# 20-40 sd, Breakdown 3000# broke to 2100#. I.P. 2950, min 2950, max 3600, ave 3050, final 3600, instant shut in 2600, 10 min shut in 2250, ave treating I.R. 24.5 b/m overall ave. I.R. of 22.4 b/m. approval in writing by the Geological Survey before operations may be commenced.

Company Century Exploration Company

Address Post Office Box 168

Farmington, New Mexico

By E. H. Buckner

Title Office Manager