

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office South Fe  
Lease No. SF 079106  
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 <del>ABANDONMENT</del> <u>FRAC</u> <b>X</b> .....	
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 <del>ABANDONMENT</del> <u>FRAC</u> <b>X</b> .....		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)

November 23, 1955

South Federal  
Well No. 22-3 is located 1600 ft. from S line and 900 ft. from W line of sec. 21

SW 1/4 Sec. 21 (1/4 Sec. and Sec. No.)      22N (Twp.)      3E (Range)      R. M. P. M. (Meridian)

Dodge Canyon (Field)      McCurtain (County or Subdivision)      New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 6000 ft.

DETAILS OF WORK

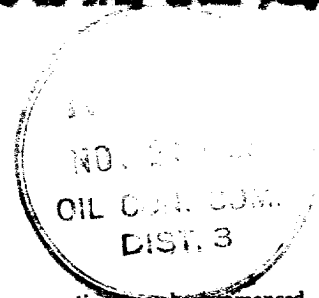
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

**FRAC WORKOVER: November 10, 1955.**  
Moved in cable tool rig. Pulled tubing, fraced with 15000 gals water and sand, displaced with 90 mins water. Breakdown pressure, 1800#. Treating pressure, 1500# to 1500#. Average injection rate 45 BPM, total pump time, 12 minutes. Used 4 tons 7-10 trucks.

Reran tubing. 2941' of tubing in hole.

Interval treated, 2944' to 3020'. TD 3055'.

Avg. Daily production for October 1955 9.5 MCFD  
Indicated production after frac 222 MCFD



I understand that this plan of work must receive approval in writing by the Geological Survey before operations can be commenced.

Company MUSCO DEV. CO. INC.

Address 107 West Chase

Astoria, Oregon

By [Signature]  
W. E. Maxwell, Jr.

Title Supt. Prod. Dept.

OIL CONSERVATION COMMISSION  
 AZTEC DISTRICT OFFICE

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