

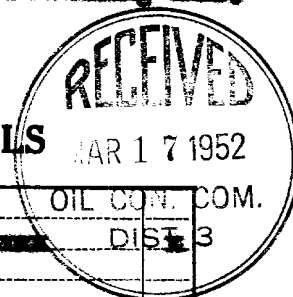
(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. 078872-4

Unit Sec. 15 is the
Designated Drilling 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
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 REDRILLING 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)

Black #12
C SW NE NW

Well No. 12 is located 990 ft. from N line and 1650 ft. from W line of sec. 15
15 (1/4 Sec. and Sec. No.) 27N 11W (Twp.) (Range) N.M.P.M. (Meridian)
S. Rita Canyon (Ext.) (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 6303 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)

- Well had a natural gauge of 340 NEFQPD on 2/18/52.
- On 2/20/52 ran 85 quarts of liquid nitro from 2040-2085' EB using 4 shells 3 1/2 x 20 and 1 shell 3 1/2 x 5 (cut down from 3 1/2 x 10). Set gravel bridge from 2034-2040' EB. Dumped Gal Seal from 2004-2034' EB. Shot off at 4:50 A.M. on 2/21/52.
- Tools hung up at 2055' EB on 2/22/52. Jarred tools free on 2/23/52 and cleaned well out to TD on 2/24/52.
- Well gauged 824 NEFQPD on 2/26/52 at 460' SIP and shut in.

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

Company THE FRONTIER REFINING COMPANY

Address 410 Boston Bldg.

Denver, Colorado

By Hermon S. Galbraith

Title Geologist

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