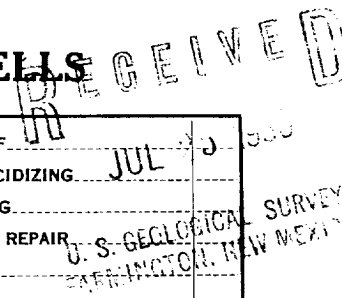


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLand Office Santa FeLease No. MM-046-AUnit Humble-Federal "B"

## 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>Sub. Report of Perf. &amp; Frac.</u> <b>XX</b>

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

July 21, 1960

Humble-Federal "B"

Well No. 1 is located 880 ft. from N line and 1030 ft. from W line of sec. 16

SW/4 of Section 16 26N 2W 100M  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Undesignated Rio Arriba New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 7258 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)

Perforated the Pt. Lookout w/2 jets per foot at 5905-14; 5919-41; 5931-54; 5965-68'; 5989-95; 6010-14; 6029-32; 6054-59; and Menafee at 5880-5890'. Sand Fraced with 30,000 gallons water and 15,000# sand. Maximum treating pressure 2000#, Minimum 1400#.

Perforated the Cliff House w/ 2 jets per foot from 5618-28; 5634-38; 5645-49. Sand fraced with 40,000 gallons water and 20,000# sand. Maximum treating pressure 2000#, Minimum 1500#.

Perforated the Picture Cliff with 4 jets per foot from 3624-34 and 3640-74'. Sand fraced with 32,000 gallons water and 16,000# sand. Spearheaded with 500 gallons mud acid. Maximum treating pressure 1600#, Minimum 600#.

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

Company Cabot Carbon CompanyAddress 750 Petroleum Club Bldg.Denver 2, ColoradoBy M. G. LongTitle District Geologist