

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. 84-011895  
Unit \_\_\_\_\_

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	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)

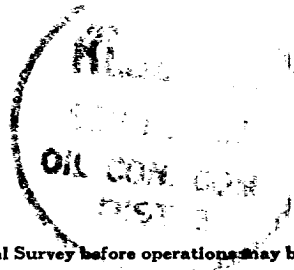
September 9, 1957

**Pueblo Otero Federal**  
Well No. 42 is located 990 ft. from S line and 990 ft. from W line of sec. 14  
SW 1/4 Sec. 14 Twp. 6N R. 1E  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Otero Pictured Cliff Rio Arriba New Mexico  
(Field) (County or Subdivision) (State or Territory)  
**Ground Level**  
The elevation of the GROUND above sea level is 6499 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)

It is proposed to drill with rotary tools to a depth of 150+ feet, set 9-5/8" casing to surface with 100 sax, plus or minus. It is then proposed to drill through the Pictured Cliff formation, run electric log and run 5-1/2" production casing. It is then proposed to gun perforate 5-1/2" casing opposite the Pictured Cliff formation and to stimulate the producing zone with a sandwater frac. The proposed drilling unit is the SW 1/4 of Section 14 (160 acres.)



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

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By Frank D. Gorman, Jr.  
Title Vice President