



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. SE 079352-A  
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.....	<b>X</b>
NOTICE OF INTENTION TO ABANDON WELL.....		

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

October 20, 19 61

**Harrington-Federal**  
Well No. 5 is located 1610 ft. from NE line and 1550 ft. from E line of sec. 33  
SE/4 33 24 North 1 West NMPH  
(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 ~~surface~~ <sup>ground</sup> floor above sea level is 7338 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)

Subject well was spudded September 29, 1961. 8 5/8 inch surface casing set at 120' and cemented with 60 sacks. A TD of 3061' was reached on October 6, 1961.

Electric Log Tops: Water Sand 2685-2924'; Ojo Alamo 2685-2924'; Kirtland 2924-2970'; Fruitland 2930-3010'; Pictured Cliffs 3010-3038'; Lewis 3038-3061'.

4 1/2" casing - 9 1/2" - was set on October 6, 1961 at 3036' and cemented with 75 sacks. Well presently awaiting completion rig.

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

Company SHAR-ALAN OIL COMPANY  
Address 1402 Denver U. S. National Center  
Denver 2, Colorado

Send approval to:  
By Richard S. Hunt  
Title Manager, Lands and Exploration  
Box 1428, Durango, Colorado  
GPO 862040

