



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **SF 079352-A**  
Lease No. \_\_\_\_\_  
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)

September 21, 1961

**Harrington-Federal**  
Well No. **6** is located **1850** ft. from **N** line and **1650** ft. from **E** line of sec. **29**  
**SW/4 - 29** **24 North 1 West** **NMPM**  
(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 ~~derick~~ **ground** floor above sea level is **7564** 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 spudded May 8, 1961. 8 5/8" casing set at 103' cemented with 75 sacks. T.D. of 3403' reached May 17, 1961. 4 1/2" casing set at 3384', cemented with 75 sacks. Water sand 2952-3210. Ojo Alamo 2952', Kirtland 3210', Fruitland 3260', Pictured Cliffs 3310. Pictured Cliffs pay 3314-3324 - Lewis 3324. Perforated 6-21-60, 3314-24 with 40 holes. Fraced with 30,000# sand, 39,102 gallons water. Breakdown pressure 1500#. Treatment pressure 1700-1800# PSI. Injection rate 41 BPM. Ran 1" tubing 3320'. Took 3 hour back pressure test September 7, 1961. 4801 MCFD. Well shut in, no pipeline.

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, Colorado**

Send approval to:  
By **Richard S. Hunt**  
Title **Mgr., Lands and Exploration**  
**Box 1428, Durango, Colorado**