



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Santa Fe**  
Lease No. **SP 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)

**February 21**, 19 **62**

**Wernitz-Federal**  
Well No. **4** is located **995** ft. from **[N]** line and **875** ft. from **[W]** line of sec. **31**  
**NW 1/4 Section 31** **24 North 1 West** **NM 10N**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**So. Blanco, Pictured Cliffs** **Rio Arriba** **New Mexico**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the **ground** floor above sea level is **7414** ft.

**DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

To supplement report of October 20, 1961, subject well was perforated 3170-3180 w/ 4 holes per foot. Frac treated down the casing w/30,000 Gallon water. Breakdown pressure 2800 PSI. Treatment pressure 1700-2000 PSI. Injection rate 37 BPM. Ran 1 1/4" EUE tubing to 3180'. Well shut-in awaiting testing.

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**

By **Richard S. Hunt**  
Title **Manager of Lands & Explorations**