



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Lease No. **37 079352-A**
Unit _____

RECEIVED

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..... | X |
| NOTICE OF INTENTION TO ABANDON WELL..... | | |

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

December 6, 19 61

Harrington-Federal
Well No. **5** is located **1610** ft. from **[S]** line and **1650** ft. from **[E]** line of sec. **33**
SE/4 - 33 **24 North 1 West** **NMPN**
(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~~ **ground** 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 10-6-61. 4 1/2" casing - 9 1/2" - was set on October 6, 1961 at 3056' and cemented with 75 sacks.

Well was perforated 3006-34 with 56 holes on 11-24-61. Frac treated down casing with 30,000# 20-40 mesh sand. Break down 1000#. Treating pressure 1500-1600. Bropped 30 rubber balls. No ball action. Injection rate 53 BPM. On vacuum 5 minutes after completion of frac. Awaiting on completion rig to run tubing.

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 U. S. National Center**
Denver 2, Colorado

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