



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Lease No. **SF 080715-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 X
NOTICE OF INTENTION TO ABANDON WELL	

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

September 21, _____, 19**61**

Abraham Federal
Well No. **4-X** is located **1100** ft. from **[N]** line and **1710** ft. from **[E]** line of sec. **30**

NE/4 - 30 **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 ~~surface~~ **ground** floor above sea level is **7489** 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 June 24, 1961. 8 5/8" casing set at 106', cemented with 75 sacks. Total depth of 3356' reached on July 1, 1961. 4 1/2" casing set at 3340' with 125 sacks cement. Water Sand 2940-3120. Ojo Alamo 2940', Kirtland 3120', Fruitland 3223', Pictured Cliffs 3284'. Pictured Cliffs pay 3282-3301'. Perforated 7-15-61, 3282-3292', and 3296-3301 with 60 holes. Fraced with 20,000# sand, 30,500 gallons water, 500 gallons Dowell X. Breakdown pressure 2600#. Treatment pressure 2400# PSI. Injection rate 31.5 BPM. Have been unable to get well kicked off. To move in swabbing unit.

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
GPO 862040

