



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. S.F. 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	<input checked="" type="checkbox"/>
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. 2 is located 1165 ft. from {N} line and 1550 ft. from {E} line of sec. 33
NE/4 - 22 (1/4 Sec. and Sec. No.) 24 North (Twp.) 1 West (Range) NMPM (Meridian)

Undesignated (Field) Rio Arriba (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 7363 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 November 9, 1950. 3 5/8" casing set at 105', cemented with 100 sacks. Total depth of 3114' reached on November 14, 1960. 4 1/2" casing set at 3108' cemented with 100 sacks. Water Sand 2704-2968'. Ojo Alamo 2704', Kirtland 2958', Fruitland 3034', Pictured Cliffs 3060', Pictured Cliffs pay 3054-3072'. Perforated 4-29-61, 3054'-724' with 56 holes. Fraced with 30,000# sand, 39,050 gallons water. Breakdown pressure 1800# PSI. Treatment pressure 1300# PSI. Injection rate 39.7 BPM. Ran 1" tubing to 3040'. Took 3 hour back pressure test _____. Tested 2700 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 Santa-Alan Oil Company
Address 1402 Denver U.S. National Center
Denver, Colorado

Sent approval to:
By Richard S. Hunt
Title Mgr., Lands and Exploration
Box 1423, Durango, Colorado 81301