

2 Western Development **(2000 IN TRIPLICATE)**
1 File

Land Office **Santa Fe**
Lease No. **SF 078138**
Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

	X		

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	SEP 1
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	U. S. GEOLOGICAL
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	FA. MINGTON
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Free Information	X

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

September 6 1962

Well No. 1-22 is located 360 ft. from NE line and 1620 ft. from EW line of sec. 22

SE/4 SW/4 Section 22 30N 11W 105W
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Basin - Dakota San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~terrace floor~~ ^{ground level} above sea level is 5836 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)

Pressure tested casing to 4000 psi, hold 6 hr., spotted 200 gal HSA Acid, pulled thg. Perf 2 jets per ft 6732 to 6741, broke perf down with 75 bbls water using 2 1/2 HT 400 trucks, breakdown 2400 psi, injected water at 3400 psi and 28 B/W. Instant shut in press 1000 psi, 5 min 400 psi, bled off press. Perf 6705 to 6722 with 2 jets per ft; Fine w/Halliburton 2 1/2 HT 400 trucks, 30,000# 20-40 sd, 18650 gal water, fine water treated w/2 1/2# FR-2 per 1000 gal, B.D. 1500 psi I.F. 3400 psi Ave 2900 psi Min 2050 psi Max 4000 psi Final 4000 psi, fine sandal off with 20,000# sd in well, 15,000# sand in formation. Ave I.R. 30.7 B/W. Flowed well back 40 min attempted to flush well - flowed well back 1 1/2 hrs unable to flush well. Went in hole w/thg cleaned out to 6900', refraced well with Halliburton 32,500# 20-40 sd, 2650 gal water to B.D. 64,000 gal wtr w/2 1/2# FR-2 per 1000 gal to frac, 4210 gal water to flush, I.F. 3400 psi, Max 3800 psi, Min 2900 psi, Ave 3300 psi Final 3000 psi. Instant shut in 1400 psi 5 min shut in 1000 psi Ave I.R. 31.8 B/W.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Western Development Co.

Address 825 Petroleum Club Bldg.

Denver 2, Colorado

Original signed by T. A. Dugan
By _____
Title **Consulting Engineer**