

(SUBMIT IN TRIPPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe ✓  
Lease No. SF078478  
Unit \_\_\_\_\_

SUNDRY NOTICES AND REPORTS ON WELLS  
**RECEIVED**

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.....
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Subsequent report of Perforating Formation Fracturing</u> X

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

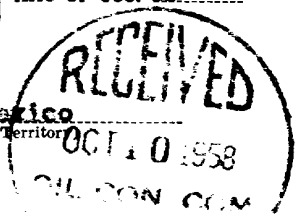
October 8, 1958

Harron  
Well No. 3 is located 990 ft. from [S] line and 1090 ft. from [E] line of sec. 22

SE/4 22 27-N 8-E T12N  
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

So. Blanco Pictured Cliffs San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. 5974' G.L.



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)

Perforated 5 1/2" O.D. casing from 2113-2119', 2126-2146' & 2152-2172' w/4 jet holes per ft. Treated well w/60,000' 20-40 mesh sand & 35,505 gals water in three stages as follows: Broke down form w/210 gals mud acid ahead @ 2000'; 24,000' sd @ 1550'; injected 80 ball sealers; 18,000' sd @ 1600'; 80 ball sealers; 18,000' sd @ 1750'. Flushed w/2350 gals water. Overflushed w/210 gals. Average injection rate was 58.3 BPM. After flowing and cleaning well approx 60 hours, measured volume w/pitot tube @ 12,169 MCFPL. Landed 68 jts of 2 3/8" O.D. 4.70# J-55 tubing w/perf pup jt @ BP on bottom of string at 2145.72'. Well shut-in for initial potential.

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

Company WESTERN NATURAL GAS COMPANY

Address 211 1/2 East Main

Farmington, New Mexico

By Calvin M. Rayne

Title Petroleum Engineer

