



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office San A. Fe
Lease No. NY 078430
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	10 1953
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	Subsequent Report of Perforating and Formation Fracturing	X

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

October 9, 1958

Well No. 4 is located 990 ft. from N line and 1650 ft. from E line of sec. 26

NW/4 26
(1/4 Sec. and Sec. No.)

27-N
(Twp.)

8-W
(Range)

NMPM
(Meridian)

So. Blanco Pictured Cliffs
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is _____ ft. 5962' 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 5½" O.D. casing from 2106-2122', 2126-2138', & 2142-2164' w/4 jet-holes per ft. Treated well w/60,000# of 20-40 mesh sand & 40,300 gals water in three stages w/200 gals mud acid ahead of 1st stage.

1st Stage - 24,000# sd @ 1½# per gal: Broke down formation w/2900#. Treated @ 1600#.

Injected 75 ball sealers.

2nd Stage - 19,000# sd @ 1½# per gal: No break-down. Treated @ 1650#.

Injected 75 ball sealers.

3rd Stage - 17,000# sd @ 1½# per gal: Broke down form w/3200#. Treated @ 2050-2600#. Flushed w/2184 gals water. Overflushed w/336 gals. Avg inj rate was 45.2 BPM.

After flowing & cleaning well approx 36 hrs, measured volume w/pitot tube @ 6078 WCFPD. Ran 85 jts of new 1" O.D. 1.7# R.W. Blk. line pipe for siphon line. Set @ 2127.34'. 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

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By

Calvin M. Rayner

Title Petroleum Engineer