



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Santa Fe
Lease No. SF 078475
Unit _____SUNDRY NOTICES AND REPORTS ON WELLS **RECEIVED**

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	1959
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	Subsequent Report of Perforating and Formation Fracturing	X

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

9-21

1959

Stephenson-Federal
Well No. 1 is located 1650 ft. from [N] line and 1650 ft. from [E] line of sec. 17NE/4 17
(1/4 Sec. and Sec. No.)25N
(Twp.)8W
(Range)NMPM
(Meridian)Wildcat Dakota
(Field)San Juan
(County or Subdivision)New Mexico
(State or Territory)The elevation of the ~~drill floor~~ Ground above sea level is 6452 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)

Perforated 5½" casing from 6334-6356 w/48 holes. Treated well w/60,000# of 40-60 mesh sand and 54,180 gals fresh water w/1% CaCl₂. Broke down formation w/3600# w/500 gallons mud acid (15% HCl & 3% HF) ahead. Avg treating pressure was 3500#. Avg. injection rate was 48 BPM. Flushed w/6,300 gals water. Overflushed w/840 gals water. Landed 2 3/8" O.D. 8rd EUE 4.70# J-55 tubing w/perf pup jt & tapped BP on bottom @ 6342: Potential well for 260 BOPD & 65 BPD frac water. (Considerable time will elapse before all frac water is recovered.)

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

Company WESTERN NATURAL GASAddress 211½ West MainFarmington, New Mexico

By

Title Petroleum Engineer