



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Project No. G-2100  
Approval expires 12-31-60

Land Office Santa Fe  
Location N.M. 0540  
Unit Madison

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                 |
| NOTICE OF INTENTION TO ABANDON WELL            |                                            |

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

9-9-60

19

Madison

Well No. 1 is located 1650 ft. from  $\left[ \begin{smallmatrix} N \\ S \end{smallmatrix} \right]$  line and 990 ft. from  $\left[ \begin{smallmatrix} E \\ W \end{smallmatrix} \right]$  line of sec. 12

SE NE Sec. 13

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

30N

(Twp.)

13W

(Range)

NMPM

(Meridian)

Undesignated Dakota

(Field)

San Juan

(County or Subdivision)

Los Alamos

(State or Territory)

The elevation of the derrick floor above sea level is 5931 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Total depth of 6790' was reached 8-24-60.

Ran Welox E.3. Induction and Porxo Logs to 6789'.

Ran 220 jts. 6775.62' of 4 1/2" O.D. 8rd 11.60# & 9.50# J-55, R-2, ST&C, J&L smls. casing set @ 6789' cemented w/250 sx. 50-50 Pozmix, 4% Gel, 1/4# Flocele and 1/4# Tuf Plug per sack, followed w/60 sx. Neat w/50 Gal. Laytex. Plug down 8:15 p.m. 8-25-60. W.O.C. 48 hours. Ran 2" tubing. Pressured up to 3000 psi. Spotted 500 Gals. mud acid. Pulled tubing. Ran Welox Gamma Ray Log 6755-5750'. P.2.T.D. 6755'. Welox perf. 4 1/2" csg. 6722-38', 6688-6700', 6631-39, 6604-26, 6590-95, 6522-34' w/2 dynajet shots per foot w/easing full of fresh water.

Fract perfs. w/65,100 Gals. Dowell J-100 Gel Water (1-3/4# per 1000 gals.) and 70,000# sand. Used 2 sets of 15 rubber balls. Maximum treating pressure 2950 psi After 2nd set of balls. Min. treating pressure 2300 psi. Breakdown 2800 psi. Injection rate 32 bbls per minute. Flushed w/160 bbls water. Final pressure 1000

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

(over

Company Three States Natural Gas Company

Address Box 67

Farmington, New Mexico

By

Title Assistant District Supt.

