

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)5. LEASE DESIGNATION AND SERIAL NO.  
**SF 078416-A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Hardie**

9. WELL NO.

**4 (OWWO)**

10. FIELD AND POOL, OR WILDCAT

**Blanco Mesa Verde**

11. SEC., T., R., M., OR BLK. AND

**Sec. 23, T-29-N, R-8-W**  
**N. M. P. M.**

12. COUNTY OR PARISH

**San Juan**

13. STATE

**New Mexico**1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

**El Paso Natural Gas Company**

3. ADDRESS OF OPERATOR

**Box 990, Farmington, New Mexico 87401**4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface**1775'N, 800'E**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

**Squeeze**(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

**5-1-71 Cut off stuck tubing at 4835' and pulled. Set cement retainer @ 4652'. Squeezed open hole w/150 sacks of cement. W. O. C.****5-2-71 Drilled retainer at 4652' and cement to 4741'. Drilled sidetrack hole.****5-6-71 T. D. 5656'. Ran 182 joints 4 1/2", 10.5#, K-55 casing (5613') set at 5626'. Float collar at 5610'. Cemented casing w/125 sacks cement. W. O. C. 18 hours.****5-8-71 Perf. squeeze hole @ 4915'. Ran fullbore packer at 4835'. Perforated hole @ 4700', full bore packer at 4830'. Retainer @ 4830' and spotted 2 sks. 20/40 sand on top of plug @ 4830', full-bore packer @ 4622'. Squeezed perms w/75 sacks. W. O. C.****5-9-71 Drilled cement, tested perf. hole @ 4700', pulled retainer @ 4830'. P. B. T. D. 5610'. Perf. 5364-68', 5378-82', 5409-13', 5423-27', 5440-44', 5474-82', 5522-26' w/16 SEXX SPZ. Fraced w/80,000# 20/40 sand, 69,600 gal. treated water. Dropped 6 sets of 16 balls each, flushed w/3340 gal. water. Perf. 4806-18', 4914-26' w/20 SPZ. Fraced w/30,000# 20/40 sand, 35,380 gal. treated water. Dropped 1 set of balls, flushed w/3350 gal. water.**

18. I hereby certify that the foregoing is true and correct

Original signed by

SIGNED **Carl E. Matthews**TITLE **Petroleum Engineer**DATE **May 13, 1971**

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side