

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PERMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved,
Budget Bureau No. 12-1424

5. LEASE DESIGNATION AND SERIAL NO.

SF080672

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

P.O. Box 990, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

990' S, 1840' E

14. PERMIT NO.

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

7092' GL

7. UNIT AGREEMENT NAME

San Juan 27-4 Unit

8. FARM OR LEASE NAME

San Juan 27-4 Unit

9. WELL NO.

109 (PM)

10. FIELD AND POOL, OR WILDCAT

Tapacito P.C. Ext.
Blanco Mesa Verde

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

Sec. 23, T-27-N, R-4-W
N.M.P.M.

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

07-01-77 T.D. 4245'. Ran 102 joints 7", 20#, K-55 intermediate casing, 4231', set at 4245'. Cemented with 282 cu. ft. cement. WOC 12 hours, held 1200#/30 minutes. Top of cement at 3350'.

07-05-77 T.D. 6499'. Ran 58 joints 4 1/2", 10.5#, K-55 casing liner, 2435' set 4064-6499'. Float collar set at 6482'. Cemented with 422 cu. ft. cement. WOC 18 hours.

07-30-77 P.B.T.D. 6482'. Tested casing to 3500#, OK. Perfed P.C. 3956-70', 3976-82', 4010-28' with 18 shots per zone. Fraced with 38,000#--10/20 sand 30,408 gallons water. Dropped 2 sets of 18 balls each. Flushed with 6804 gallons water. Perfed M.V. 5654', 5726', 5741', 5744', 5760', 5764', 5780', 5784', 5849', 5859', 5863', 5878', 5913' with 1 shot per zone. Fraced with 30,000#--20/40 sand and 33,138 gallons water. Flushed with 8148 gallons water. Perfed 6115', 6120', 6125', 6130', 6135', 6141', 6191', 6214', 6226', 6249', 6275', 6349', 6373', 6418', 6441', 6459', 6469' with 1 shot per zone. Fraced with 44,000#--20/40 sand and 44,000 gallons water. Flushed with 8526 gallons water.

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

SIGNED

TITLE

Drilling Clerk

DATE

August 1, 1977

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: