

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

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.

2 (OWO)

10. FIELD AND POOL, OR WILDCAT

Blanco, Mesa Verde

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

Sec. 25, T-29-N, R-8-W

N.M.P.M.

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

1. OIL ☐ GAS ☒ OTHER ☐
WELL WELL

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

P. O. 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

990' S, 990' W

14. PERMIT NO.

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

6338' GL

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.)*

12-13-68: Killed well with water and pulled tubing, due to junk in open hole, Set cement retainer in 7" casing at 4439', tested 7" casing to 1000', O.K. Squeezed open hole with 300 sks. cement.

12-14-68: Perf 1 squeeze hole in 7" casing at 2100', set cement retainer at 2042', squeezed 7" annulus through perf with 125 sacks cement. W.O.C. 12 hrs. Drilled cement retainer @ 2042' and cement to 2100', tested perf w/800', O.K.

12-18-68: Sidetrack T. D. 5423'. Ran 168 joints 4 1/2" 10.5', J-55 casing, 5413' set at 5423' with 125 sacks cement. W.O.C. 18 hrs.

12-19-68: P.B.T.D. 5410', tested casing to 3500', O.K. Spotted 300 gallon 7 1/2% HCL. Perf 5168-74, 5184-96, 5209-13', 5230-42', 5263-69', 5286-90' with 12 SPZ. Frac with 56,000' 20/40 sand, 43,100 gallon water. Max pr 2800', BDP 2100', avg. tr. pr. 2100'. I.R. 58 BPM. Dropped 5 sets of 12 balls, flushed with 3500 gallon water, ISIP zero. Set B.P. @ 5000', tested with 3500', O.K. Perf 4588-4600', 4618-30', 4690-4702', 4714-20' w/12 SPZ. Frac w/40,000' 40/60 sand, 33,350gallon water, max pr 3500', BDP 2600', avg. tr. pr. 2600', I.R. 47 BPM, 3 sets of 12 balls, flushed with 3200 gallon water, ISIP 600', 5 min 400'.

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

SIGNED

TITLE Petroleum Engineer

DATE Dec. 25, 1968

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

JAN 2 1969

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.