

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 03154

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ballard

9. WELL NO.

10 (OWWO)

10. FIELD AND POOL, OR WILDCAT

Blanco Pictured Cliffs

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

Sec. 15, T-26-N, R-9-W
NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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

PO 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 1850'S, 790'W

14. PERMIT NO.

15. ELEVATIONS (Show whether D.P., RT., or G.C.)

6326'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* ☐

(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.)*

on 12-4-71: Cleaned out old hole to total depth, ran 68 joints, 2 7/8", 6.4#, J-55 production casing, 2049' set at 2060', with 100 sks. cement, WOC until completion. Top of cement at 395'.

on 12-10-71: PBTD 2048', perf 1980-2000' with 40 shots, 2024-34' with 30 shots, frac with 30,000# 10/20 sand, 30,000 gallons water, dropped 1 set of 40 balls, flushed with 504 gallons water.

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

SIGNED

Original Signed F. H. WOOD

TITLE Petroleum Engineer

DATE December 14, 1971

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



LTR



Job separation sheet

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE December 30, 1972

Operator El Paso Natural Gas Company		Lease Ballard No. 10 (OWWO)	
Location 1850/S 790/W Sec. 15--T26N--R9W		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Ballard	
Casing: Diameter 2.875	Set At: Feet 2059	Tubing: Diameter No Tubing	Set At: Feet
Pay Zone: From 1980	To 2034	Total Depth: 2059	Shut In 12-18-71
Stimulation Method SW		Flow Through Casing XX	Flow Through Tubing

Choke Size, Inches .750		Choke Constant: C 12-365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG 245	+ 12 = PSIA 257	Days Shut-In 12	Shut-In Pressure, Tubing PSIG No Tubing	+ 12 = PSIA	
Flowing Pressure: P PSIG 50	+ 12 = PSIA 62		Working Pressure: Pw PSIG Calc.	+ 12 = PSIA 73	
Temperature: T = 48 °F	Ft = 1.0117	n = .85	Fpv (From Tables) 1.010	Gravity .662	Fg = .9513

$$\text{CHOKE VOLUME} = Q = C \times P_t \times F_t \times F_g \times F_{pv}$$

$$Q = (12.365)(62)(1.0117)(0.9513)(1.010) = 745 \text{ MCF/D}$$

$$\text{OPEN FLOW} \div \text{Aof} = Q \left(\frac{P_c^2}{P_c^2 P_w^2} \right)^n$$

Note: The well produced a very light mist of water throughout the test.

$$\text{Aof} = \left(\frac{66049}{60720} \right)^n = (745)(1.0878)^{.85} (745)(1.0741)$$

$$\text{Aof} = 800 \text{ MCF/D}$$

TESTED BY Jess Goodwin

WITNESSED BY _____



H. E. McAnally
H. E. McAnally