

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-11424.

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 1090'S, 1840'E

14. PERMIT NO.

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

6350'GL

5. LEASE DESIGNATION AND SERIAL NO.

SF 078390

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jones A

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

So. Blanco PC Ext.

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

Sec. 14, T-28-N, R-8-W  
NMPM

12. COUNTY OR PARISH

San Juan

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\*

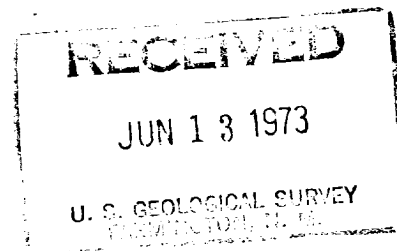
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.) \*

4-20-73 Tested surface casing, held 600#/30 minutes.

4-23-73 TD 3015'. Ran 100 joints 2 7/8", 6.4#, J-55 production casing, 3004' set at 3015'. Baffle set at 3005'. Cemented with 317 cu. ft. cement. WOC 18 hours. Top of cement at 2050'.

6-7-73 PBTD 3005'. Tested casing, held 4000#. Perf'd 2885-2900' and 2912-22' with 30 shots per zone. Frac'd with 30,000# 10/20 sand and 29,000 gallons treated water. Dropped one set of 30 balls. Flushed with 715 gallons water.



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

SIGNED

*A. G. Brown*

TITLE

Drilling Clerk

DATE

June 13, 1973

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

# EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE July 2, 1973

Operator El Paso Natural Gas Company		Lease Jones A No. 9	
Location <del>1890</del> 1890'S, 1840'E, Section 14, T28N, R8W <del>1090</del>		County San Juan	State New Mexico
Formation Pictured Cliffs <i>EXT.</i>		Pool So. Blanco	
Casing: Diameter 2-7/8	Set At: Feet 3015	Tubing: Diameter No Tubing	Set At: Feet
Pay Zone: From 2885	To 2922	Total Depth: 3040	Shut In 6-19-73
Stimulation Method SWF		Flow Through Casing XX	Flow Through Tubing

Choke Size, Inches .750	Choke Constant: C 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG 942	+ 12 = PSIA 954	Days Shut-In 13	Shut-In Pressure, Tubing PSIG No Tubing	+ 12 = PSIA
Flowing Pressure: P PSIG 80	+ 12 = PSIA 92		Working Pressure: P <sub>w</sub> PSIG Calculated	+ 12 = PSIA 115
Temperature: T = 62 °F F <sub>t</sub> = .9981	n = .85		F <sub>pv</sub> (From Tables) 1.007	Gravity .645 F <sub>g</sub> = .9645

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

$$Q = (12.365) (92) (.9981) (.9645) (1.007) = 1103 \text{ MCF/D}$$

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

NOTE: Well produced dry gas.

$$Aof = Q \left( \frac{910116}{896893} \right)^{.85} = 1103(1.0147)^{.85} = 1103 (1.0125)$$

$$Aof = 1117 \text{ MCF/D}$$

TESTED BY Roger Hardy

WITNESSED BY \_\_\_\_\_



*William D. Welch*  
William D. Welch, Well Test Engineer