

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐
2. NAME OF OPERATOR
El Paso Natuarl Gas Company
3. ADDRESS OF OPERATOR
Box 289, Farmington, New Mexico 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1840' N, 1190'E
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| REQUEST FOR APPROVAL TO: | SUBSEQUENT REPORT OF: |
|--|--------------------------|
| TEST WATER SHUT-OFF <input type="checkbox"/> | <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | <input type="checkbox"/> |
| MULTIPLE COMPLETE <input type="checkbox"/> | <input type="checkbox"/> |
| CHANGE ZONES <input type="checkbox"/> | <input type="checkbox"/> |
| ABANDON* <input type="checkbox"/> | <input type="checkbox"/> |
| (other) RE-FRAC & RE-PERFED <input type="checkbox"/> | <input type="checkbox"/> |

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.)*

10-1-79: PBDT 8841'. Tested casing 4000#, OK. Perfed 8672-8678, 8726-8733, 8744-8760, 8814-8820, 8828-8844, 8856-8864' W/12 SPZ. Fraced w/ 80,820# 20/40 sand 65,762 gal. wtr. Dropped 5 sets of 12 balls each. Flushed w/5754 gal. wtr.

5. LEASE
SF 079519A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
San Juan 28-5 Unit
8. FARM OR LEASE NAME
San Juan 28-5 Unit
9. WELL NO.
103
10. FIELD OR WILDCAT NAME
Basin Dakota
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 23, T-28-N, R-5-W N.M.P.M.
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
7462' G.L.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____

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

SIGNED R. G. Busco TITLE Drilling Clerk DATE October 3, 1979

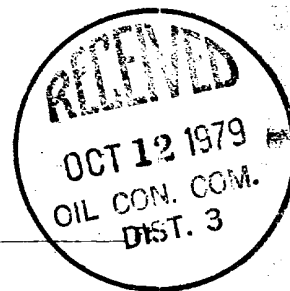
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

OCT 10 1979

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

*See Instructions on Reverse Side



EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE Oct. 17, 1979

| | | | |
|--|-----------------------------|---|-----------------------------|
| Operator El Paso Natural Gas Company | | Lease San Juan 28-5 Unit #103 | |
| Location NE 23-28-05 | | County Rio Arriba | State New Mexico |
| Formation Dakota | | Pool Basin | |
| Casing: Diameter 4.500 | Set At: Feet 8854 | Tubing: Diameter 1 1/2 | Set At: Feet 8824 |
| Pay Zone: From 8672 | To 8864 | Total Depth: 8854 | Shut In 10-5-79 |
| Stimulation Method Sand Water Frac | | Flow Through Casing | Flow Through Tubing |

| | | | | | |
|---|----------------------------|---------------------------|--|-----------------------------|--|
| Choke Size, Inches | | Choke Constant: C | | | |
| Shut-In Pressure, Casing, PSIG 2480 | + 12 = PSIA 2492 | Days Shut-In 12 | Shut-In Pressure, Tubing PSIG 2435 | + 12 = PSIA 2447 | |
| Flowing Pressure: P PSIG | + 12 = PSIA | | Working Pressure: P _w PSIG | + 12 = PSIA | |
| Temperature: T = °F F _t = | n = | | F _p v (From Tables) | Gravity F _g = | |

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

Q =

= _____ MCF/D

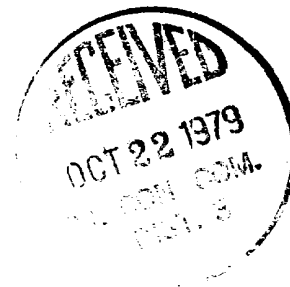
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$Aof = Q \left(\frac{\quad}{\quad} \right)^n =$$

Aof = _____ MCF/D

TESTED BY J. Easley

WITNESSED BY _____



C. R. Wagner
Well Test Engineer