

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 well ☐ gas well ☒ other ☐

2. NAME OF OPERATOR
El Paso Natural 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: 850'S, 1775'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 checked="" 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)	

5. LEASE
SF 080670

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
San Juan 27-4 Unit

8. FARM OR LEASE NAME
San Juan 27-4 Unit

9. WELL NO.
4A

10. FIELD OR WILDCAT NAME
Blanco Mesa Verde

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 31, T-27-N, R-4-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)
7176' GL

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

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.)*

- 12-13-79: Casing Failed pressure test, found hole at top of liner. Set Baker Bore at 4010'. and squeezed down tubing. Cemented w/88.5 cu. ft. cement. WOC 18 hours.
- 12-15-79: PBDT 6551'. Tested casing to 3500#, OK. Perfed P.L. 6117,6123,6136,6141,6146, 6160,6166,6180,6186,6220,6226,6238,6255,6275,6322,6275,6322,6356,6366,6418,6424, 6442,6462' W/1 SPZ. Fraced w/79,000# 20/40 sand, 158,000 gal. wtr. Flushed w/ 8300 gal. wtr.
- 12-16-79: C.H. & Men. 5630,5637,5644,5650,5676,5682,5689,5711,5736' W/1 SPZ. Fraced w/36,000# 20/40 sand, 84,000 gal. wtr. Flushed w/8000 gal. wtr.

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

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

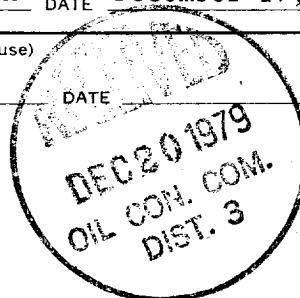
SIGNED A. G. Buices TITLE Drilling Clerk DATE December 17, 1979

(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 January 2, 1980

Operator El Paso Natural Gas Company		Lease San Juan 27-4 Unit #4A	
Location SE 31-27-4		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 6569	Tubing: Diameter 2 3/8	Set At: Feet 6440
Pay Zone: From 5630	To 6462	Total Depth: 6569	Shut In 12-19-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 1152 PSIG	+ 12 = PSIA 1164	Days Shut-In 14	Shut-In Pressure, Tubing 871 PSIG	+ 12 = PSIA 883	
Flowing Pressure: P PSIG		+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA
Temperature: T = °F Ft =		n =		F _{pv} (From Tables)	Gravity F _g =

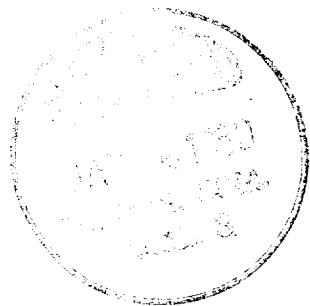
CHOKE VOLUME = Q = C x P_t x F_t x F_g x F_{pv}

Q = _____ MCF/D

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

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

Aof = _____ MCF/D



TESTED BY L. Nations

WITNESSED BY

C.R. Wagner
Well Test Engineer