

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 CO.
3. ADDRESS OF OPERATOR
BOX 990, FARMINGTON, NEW MEXICO
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 795'S, 1635'W
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 checked="" 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) | | |

5. LEASE
NM 03560
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
San Juan 28-7 Unit
8. FARM OR LEASE NAME
San Juan 28-7 Unit
9. WELL NO.
99
10. FIELD OR WILDCAT NAME
Basin Dakota
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 29, T-27-N, R-7-W
NMPM
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6672' 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.)*

8/19/78: Spudded well. Drilled surface hole. Ran 5 joints 9 5/8", 32.3# H-40 surface casing, 223' set at 239'. Cemented with 224 cu. ft. cement. Circulated to surface. WOC 12 hours; held 600#/30 minutes.

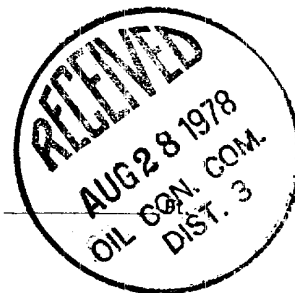
Subsurface Safety Valve: Manu. and Type _____ Set @ _____

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

SIGNED D. P. Guice TITLE Drilling Clerk DATE 8/21/78

(This space for Federal or State office use)

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



RECEIVED

AUG 25 1978

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

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

P.O. Box 289, Farmington, New Mexico 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 795'S, 1635'W

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☒
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5. LEASE
NM 03560

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N.M.P.M.

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Rio Arriba

13. STATE
New Mexico

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15. ELEVATIONS (SHOW DF, KDB, AND WD)
6672' 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.)*

9-09-78: TD 7498'. Ran 196 jts. 4 1/2", 10.5# & 11.6#, K-55 production casing, 7484' set at 7498'. Float collar set at 7481', stage tools set at 3093-5796'. Cemented 1st stage w/311 cu. ft. cement, 2nd stage w/539 cu. ft. cement, 3rd stage w/462 cu. ft. cement. WOC 18 hours.

5-27-79: PBTD 7481'. Tested casing to 4000#, OK. Perfed Dak. 7284, 7292, 7300, 7350, 7368, 7384, 7391, 7398, 7410, 7422, 7436, 7444, 7456, 7478, 7484' w/1 SPZ. Fraced w/158,000# 20/40 sand, 52,500# 10/20 sand and 138,250 gal. gelled water. Flushed w/4000 gal. water.

Subsurface Safety Valve: Manu. and Type

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

SIGNED A. G. Duico TITLE Drilling Clerk

DATE May 30, 1979

(This space for Federal or State office use)

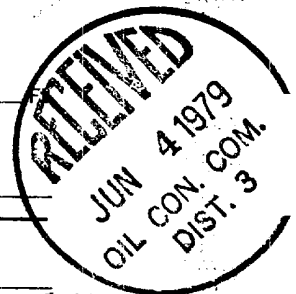
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



1979

**EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA**

DATE June 6, 1979

Operator El Paso Natural Gas Company		Lease San Juan 28-7 Unit #99	
Location SW 29-27-7		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 7498	Tubing: Diameter 2 3/8	Set At: Feet 7449
Pay Zone: From 7284	To 7484	Total Depth: 7498	Shut In 5-30-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 1830	+ 12 = PSIA 1842	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 1425	+ 12 = PSIA 1437	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

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

Q =

= _____ MCF/D

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

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

Aof = _____ MCF/D

TESTED BY H. McDanials

WITNESSED BY _____

C.R. Wagner
Well Test Engineer



EL PASO NATURAL GAS CO. ✓

DEVIATION REPORT

Name of Company El Paso Natural Gas Company		Address P. O. Box 289, Farmington, New Mexico 87401			
Lease S.J. 28-7 Unit	Well No. 99	Unit N	Sec. 29	Township 27-N	Range 7-W
Pool Basin Dakota			County Rio Arriba		

DEPTH

DEVIATION

240'	3/4°
740'	3/4°
1140'	3/4°
1659'	3/4°
2179'	1°
2704'	1°
3231'	1°
3784'	1°
4377'	1°
4894'	1°
5395'	1°
5758'	1 1/4°
6278'	1 1/4°
6778'	1 1/4°
7300'	1 1/4°
7498'	1 1/4°



I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer of El Paso Natural Gas Company, am authorized by said Company to make this report; and that this report was prepared by me or under my supervision and directions and that the facts stated therein are true to the best of my knowledge and belief.

W. H. [Signature]

Subscribed and sworn to before me this 9th day of July, 19 79.

Rosa G. [Signature]

Notary Public in and for San Juan County, New Mexico

My Commission expires, October 5, 1980