

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE **October 16, 1962**

Operator	<b>El Paso Natural Gas Company</b>		Lease	<b>San Juan 28-7 No. 130</b>	
Location	<b>1668'S, 800'W, Sec. 2-27N-7W</b>		County	<b>Rio Arriba</b>	State <b>New Mexico</b>
Formation	<b>Dakota</b>		Pool	<b>Basin</b>	
Casing Diameter	<b>4 1/2"</b>	Set At: Feet	<b>7309</b>	Tubing Diameter	<b>2.375</b>
Flow Zone: From	<b>7044</b>	To	<b>7220</b>	Total Depth	<b>7309</b>
Stimulation Method	<b>Sand Water Frec.</b>		Flow Through Casing	Flow Through Tubing <b>X</b>	

Choke Size, Inches	<b>.75</b>		Choke Constant: C	<b>12.365</b>	
Shut-In Pressure, Casing	PSIG	<b>2566</b>	PSIA	<b>2578</b>	Days Shut-In <b>8</b>
Flowing Pressure: P	PSIG	<b>250</b>	PSIA	<b>262</b>	
Temperature:	<b>85</b>	F	<b>.9768</b>	F	<b>.75</b>
Shut-In Pressure, Tubing	PSIG	<b>2361</b>	PSIA	<b>2376</b>	
Working Pressure: Pw	PSIG	<b>695</b>	PSIA	<b>707</b>	
Fpv (From Tables)	<b>1.026</b>		Gravity	<b>.700</b>	Fg <b>.9258</b>

CHOKE VOLUME  $Q = C \times P_c \times F_c \times F_g \times F_{pv}$ 

$$Q = (12,365)(262)(.9768)(.9258)(1.026)$$

3006

MCF/D

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

$$Aof = \left( \frac{6,646,084}{6,146,235} \right)^n \cdot (1.0813)^{.75} (3006)(1.0604)(3006) =$$

NOTE: Blew heavy fog H<sub>2</sub>O entire test.Aof **3188**

MCF/D

TESTED BY **Jesse B. Goodwin**

WITNESSED BY

Checked by **H. L. Kendrick**

*Lewis D. Galloway*  
**Lewis D. Galloway**

# EL PASO NATURAL GAS COMPANY

## DEVIATION REPORT

Name Of Company <b>El Paso Natural Gas Company</b>				Address <b>Box 990, Farmington, New Mexico</b>			
Lease <b>San Juan 28-7 Unit</b>		Well No. <b>130</b>	Unit Letter <b>L</b>	Section <b>2</b>	Township <b>27-N</b>	Range <b>7-W</b>	
Pool <b>Dakota</b>		<b>New Mexico</b>			County <b>Rio Arriba</b>		

DEPTH

DEVIATION

1570'

1°

2115'

3/4°

2592'

3/4°

3675'

3/4°

3987'

1°

4235'

1/2°

4412'

3/4°

4896'

3/4°

5782'

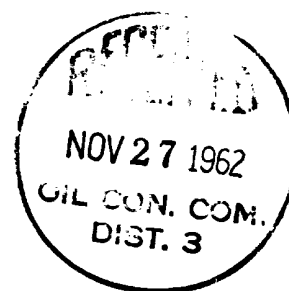
3/4°

7061'

3/4°

7142'

3/4°



Certificate: I, the undersigned, state that I, acting in my capacity as Petroleum Engineer of El Paso Natural Gas Co., 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.

*H. E. McAnally*

Subscribed and sworn to before me this 23rd day of November, 1962.

*John G. Luis*

Notary Public in and for San Juan County, New Mexico

My commission expires October 5, 1964.

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