

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE

Operator		Lease	
Location		County	State
Formation		Pool	
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet
Pay Zone: From	To	Total Depth	Shut In
Stimulation Method		Flow Through Casing	Flow Through Tubing

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

ISPP (C) = 1000 [243]

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

$$Q = (12.365)(413)(.9859)(.9325)(1.044) = 4901 \text{ MCF/D}$$

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

$$Aof = \left(\frac{1000000}{730492} \right)^n = (1902)(1.3977)^{.75} = (1902)(1.3651) = 2593$$

NOTE: Heavy spray of water and disillate occurred at beginning of test but gradually decreased at end of first one-half hour. At this time well unloaded water and drilling mud with a faint odor of dist.

$$Aof = 2593 \text{ MCF/D}$$

TESTED BY

WITNESSED BY



[Signature]
H. E. Hoadick