

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE September 6, 1962

Company	El Paso Natural Gas Company	Lease	Rincon No. 180		
Location	1550'N, 1650'E, Sec. 21, T-27-N, R-6-W	County	Rio Arriba	State	New Mexico
Basin	Dakota	Pool	Basin		
Well Number	4.5	Tubing Diameter	2.375	Set At Feet	7615
Flow Meter	7405	Total Depth	7652	Shut In	8-27-62
Flow Test Method	Sand Water Frac.	Flow Through Casing		Flow Through Tubing	X

Pressure, PSIG	.750	Choke Constant, C	12.365						
Pressure, PSIA	2540	Days Shut-In	10	Shut-In Pressure, Tubing	2260	PSIG	12	PSIA	2272
Pressure, PSIG	239	Pressure, PSIA	251	Working Pressure, Pw	942	PSIG	12	PSIA	954
Temperature	70	Gravity	.760	E _{pv} (From Tables)	1.033	E _g	.8885		

$Q = C \times P_r \times F_p \times F_g \times F_{pv}$
 $Q = (12.365)(251)(.9905)(.8885)(1.033) = 2822$ MCF/D

$Q = \left(\frac{P_r^2 - P_w^2}{P_c^2 - P_w^2} \right)^n$
 $Q = \left(\frac{6,512,704 - 5,602,588}{6,512,704 - 5,602,588} \right)^n$
 $(1.162L)^{.75} (2822) = (1.1150)(2822)$



NOTE: Unloaded H₂O 5 min. Heavy fog H₂O rest of test.

Ref 3147 MCF/D

Jesse B. Goodwin

Checked by Tom B. Grant

RECEIVED
SEP 10 1962
OIL CON. COM.
DIST. 3
Lewis D. Galloway
Lewis D. Galloway