

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA)

**Initial
Deliverability Test**

Operator	EL PASO NATURAL GAS CO.	Purchasing Pipeline	EL PASO NATURAL GAS CO.
----------	--------------------------------	---------------------	--------------------------------

Period of Test Flow

Period of Test Flow		S.I.P. Measured	Prod. String
From	040760	To 041560	121969
			O.D. 1.250

Deadweight Flowing Pressure, psia

Casing	(a)	Tubing	(b)	Meter	(c)	Wt.	2.40
--------	-----	--------	-----	-------	-----	-----	------

Flowing Pressure, psia

Deadweight Shut-in Pressure, psia

Chart	(d)	Tubing	879 (k)	Casing	878 (j)	Length	2580
-------	-----	--------	---------	--------	---------	--------	------

Meter Error

Friction Loss

7 Day Avg. Flowing Pres., psia

0 (e) 0 (f) Chart **221** (g) Corrected **221** (h)

Grav. **.481** $P_i =$ **221** (i) $GL =$ **1757** $(1-e^{-s}) =$ **.120**

$$(F_c Q)^2 = \underline{52300} \quad (1-e^i)(F_c Q)^2 = R^2 = \underline{6287} \quad P_i^2 = \underline{48841} \quad P_w^2 = \underline{55128}$$
$$Q = \frac{294}{(\text{integrated})} \times \sqrt{\frac{(c)}{(d)} \frac{1.0000}{1.0000}} = \frac{1.0000}{1.0000} = 294$$
$$D = Q \quad \underline{294} \times \left(\frac{[P_c^2 - P_d^2]}{[P_c^2 - P_w^2]} \right)^N = \underline{.8070} = \underline{.8323} = \underline{245}$$

D = 243

Note:

250 ~~+~~ for P.C.

500# for M.V.

Witnessed By

Company



