

Initial
Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

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

72515 Pool UNDESIGNATED Lease HUERFANO DK No. 112
Formation DK Unit G S 17 T 26 R 10 Pay Zone 6570 to 6714 Cty. SJ
Casing - OD 7000 Wt. 2300 Set at 6794 Tubing - OD 2000 Wt. 0470 L 6689 (T. Perf.)
Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow		S.I.P. Measured	Prod. String
From	<u>123059</u>	To <u>010760</u>	<u>102159</u>
			O.D. <u>2.000</u>
Deadweight Flowing Pressure, psia			
Casing	<u>(a)</u>	Tubing <u>(b)</u>	Meter <u>(c)</u>
			Wt. <u>4.70</u>
Flowing Pressure, psia		Deadweight Shut-in Pressure, psia	
Chart	<u>(d)</u>	Tubing <u>1139</u> (k)	Casing <u>(j)</u>
			Length <u>6689</u>

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia 331 (g) Corrected 331 (h)

FRICTION CALCULATION

Grav. .726 $P_i =$ 331 (i) $GL =$ 4856 $(1-e^{-1}) =$.298

$(F_c Q)^2 =$ 4473 $(1-e^{-1})(F_c Q)^2 = R^2 =$ 1333 $P_i^2 =$ 109561 $P_w^2 =$ 110894

FLOW RATE CALCULATION

$Q =$ 225 (integrated) $\times \sqrt{\frac{(c)}{(d)} \frac{1.0000}{1.0000}} =$ 1.0000 $=$ 225

DELIVERABILITY CALCULATION

$D = Q$ 225 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.8196 $=$.8613 $=$ 194

SUMMARY

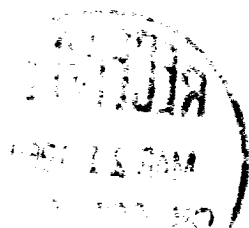
$P_c =$ 1139 ✓
 $Q =$ 225 ✓
 $P_w =$ 333 ✓
 $P_d =$ 570 ✓
 $D =$ 194 ✓

D at 250 or 500 203

Note:
250# for P.C.
500# for M.V.



Company EL PASO NATURAL GAS CO.
By H. L. KENDRICK
Title GAS ENGINEER
Witnessed By _____
Company _____



the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 250 million to 450 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.