

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)Initial
Deliverability Test

EL PASO

71584 Pool BLANCO Lease HEATON MV No. 9
 Formation MV Unit B S 32 T 31 R 11 Pay Zone 4651 to 4766 Cty. SJ
 Casing - OD 5500 Wt. 1550 Set at 4902 Tubing - OD 2000 Wt. 0470 L 4659 (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 013061 To 020761 072260 O.D. 2.000

Deadweight Flowing Pressure, psia
 Casing _____ (a) Tubing _____ (b) Meter _____ (c) Wt. 4.70

Flowing Pressure, psia Deadweight Shut-in Pressure, psia
 Chart _____ (d) Tubing 788 (k) Casing _____ (j) Length 4659

Meter Error Friction Loss 7 Day Avg. Flowing Pres., psia
0 (e) 0 (f) Chart 578 (g) Corrected 578 (h)

FRICTION CALCULATION

Grav. .672 $P_t =$ 578 (i) GL = 3131 $(1-e^{-x}) =$.204

$(F_c Q)^2 =$ 2706 $(1-e^{-x})(F_c Q)^2 = R^2 =$ 552 $P_t^2 =$ 334084 $P_w^2 =$ 334636

FLOW RATE CALCULATION

$Q =$ 175 $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 175

DELIVERABILITY CALCULATION

$D = Q$ 175 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{1.6234}{1.4381} =$ 252

An Intermittent was Installed - Turned back on Production 11-22-60.

SUMMARY

$P_c =$ 788
 $Q =$ 175
 $P_w =$ 578
 $P_d =$ 394
 $D =$ 252

D at 250 or 500 207

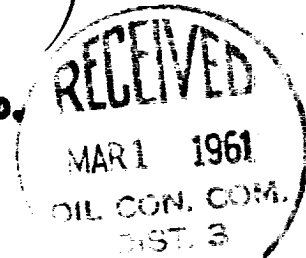
Note:

250 = for P.C.
 500 = for M.V.

Company EL PASO NATURAL GAS CO.By H. L. KENDRICK
Original SignedTitle Harold G. S. ENGINEER

Witnessed By _____

Company _____



RECEIVED

1981 JAN 1

1981 JAN 1

RECEIVED - 1981 JAN 1 10:00 AM - 1981 JAN 1 10:00 AM