

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

72710 Pool BLANCO Lease SAN JUAN 30 4 No. 33
Formation MV Unit L S 31 T 30 R 04 Pay Zone 6438 to 6764 Cty. RA
Casing - OD 5500 Wt. 1550 Set at 6924 Tubing - OD 2000 Wt. 0470 L 6774 (T. Perf.)
Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
From 112160 To 112960 S.I.P. Measured 072260 Prod. String O.D. 2.000

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

Flowing Pressure, psia
Chart (d) Tubing 1180 (k) Casing 1197 (j) Length 6774

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
Chart 476 (g) Corrected 476 (h)

FRICITION CALCULATION

Grav. .623 $P_t =$ 476 (i) $GL =$ 4220 $(1-e^{-x}) =$.264

$(F_c Q)^2 =$ 67832 $(1-e^{-x}) (F_c Q)^2 = R^2 =$ 17908 $P_t^2 =$ 226576 $P_w^2 =$ 244484

FLOW RATE CALCULATION

$Q =$ 876 (integrated) $\times \sqrt{\frac{(c)}{(d)} \frac{1.0000}{1.0000}} = \frac{1.0000}{1.0000} =$ 876

DELIVERABILITY CALCULATION

$D = Q$ 876 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.9097 $=$.9314 $=$ 816

SUMMARY

$P_c =$ 1180
 $Q =$ 876
 $P_w =$ 494
 $P_d =$ 590
 $D =$ 816

D at 250 or 500 856
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



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CHICAGO, ILLINOIS

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