

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

86406 Pool BLANCO Lease SAN JUAN 29 6 MV No. 35
Formation MV Unit M S15 T29 R 06 Pay Zone 5180 to 5662 Cty. RA
Casing - OD 7000 Wt. 2300 Set at 7521 Tubing - OD 2000 Wt. 0470 L 5575 (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 021861 To 022661 110560 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 1091 (k) Casing 1088 (j) Length 5575

Meter Error Friction Loss 7 Day Avg. Flowing Pres., psia
0 (e) 0 (f) Chart 585 (g) Corrected 585 (h)

FRICITION CALCULATION

Grav. .665 $P_t =$ 585 (i) $GL =$ 3707 $(1-e^{-s}) =$.236

$(F_c Q)^2 =$ 143257 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 33809 $P_t^2 =$ 342225 $P_w^2 =$ 376034

FLOW RATE CALCULATION

$Q = \frac{1273}{(\text{integrated})} \times \sqrt{\frac{(c)}{(d)} \frac{1.0000}{1.0000}} = \frac{1.0000}{1.0000} = 1273$

DELIVERABILITY CALCULATION

$D = Q \frac{1273}{\left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^{1/2}} = \frac{1.0956}{1.0708} = 1363$

SUMMARY

$P_c =$ 1091
 $Q =$ 1273
 $P_w =$ 613
 $P_d =$ 546
 $D =$ 1363

D at 250 or 500 1362

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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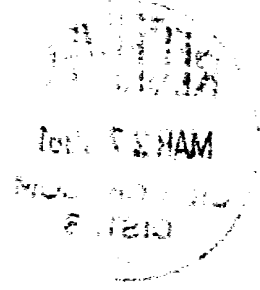
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