

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

1151 Pool BLANCO MV Lease SAN JUAN 28-6 No. 33
 Formation MV Unit N S33 T28 R 06 Pay Zone 5062 to 5725 Cty. RA
 Casing - OD 7000 Wt. 2000 Set at 5010 Tubing - OD 2000 Wt. 0470 L 5647 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 082260 To 083060 S.I.P. Measured 061460 Prod. String 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 704 (k) Casing 737 (j) Length 5647

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
 Chart 548 (g) Corrected 548 (h)

FRICTION CALCULATION

Grav. .702 $P_t =$ 548 (i) GL = 3964 $(1-e^{-s}) =$.250

$(F_c Q)^2 =$ 421 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 105 $P_t^2 =$ 300304 $P_w^2 =$ 300409

FLOW RATE CALCULATION

$Q =$ 69 (integrated) $\times \sqrt{\frac{(c)}{(d)} \frac{1.0000}{1.0000}} = \frac{1.0000}{1.0000} =$ 69

DELIVERABILITY CALCULATION

$D = Q$ 69 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{1.9031}{1.6203} =$ 112

An intermitter was installed, turned back on Production 8/7/60.
 Unable to obtain 25% drawdown

SUMMARY

$P_c =$ 704
 $Q =$ 69
 $P_w =$ 548
 $P_d =$ 352
 $D =$ 112

D at 250 or 500 79

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 _____



TO: [illegible]
FROM: [illegible]
SUBJECT: [illegible]

[illegible text]

[illegible text]

[illegible text]

[illegible text]



[illegible text]