

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)

72629 Pool BALLARD Lease CANYON LARGO No. 99
Formation PC Unit M S 36 T 25 R 07 Pay Zone 2312 to 2332 Cty. RA
Casing - OD 2875 Wt. 640 Set at 2382 Tubing - OD Wt. L (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 071560 To 072260 040760 O.D. 2.875

Deadweight Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Wt. 6.40

Flowing Pressure, psia Deadweight Shut-in Pressure, psia
Chart (d) Tubing (k) Casing 631 (j) Length 2312

Meter Error Friction Loss 7 Day Avg. Flowing Pres., psia
0 (e) 0 (f) Chart 249 (g) Corrected 249 (h)

FRICTION CALCULATION

Grav. .685 $P_t =$ 249 (i) $GL =$ 1584 $(1-e^{-s}) =$.109

$(F_c Q)^2 =$ 366 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 40 $P_t^2 =$ 62001 $P_w^2 =$ 62041

FLOW RATE CALCULATION

$Q =$ 536 (integrated) $\times \sqrt{\frac{(c)}{(d)} \frac{1.0000}{1.0000}} = \frac{1.0000}{1.0000} =$ 536

DELIVERABILITY CALCULATION

$D = Q$ 536 $\times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N =$.8873 $=$.9033 $=$ 484

SUMMARY

$P_c =$ 631
 $Q =$ 536
 $P_w =$ 249
 $P_d =$ 316
 $D =$ 484

D at 250 or 500 527

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 UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

