

Initial
Deliverability TestNEW 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)

62 Pool BLANCO Lease BOLACK C M No. 14
Formation MV Unit B S30 T27 R08 Pay Zone 4362 to 4510 Cty. SJ
Casing - OD 5500 Wt. 1550 Set at 4559 Tubing - OD 2000 Wt. 9470 L 4452 (T. Perf.)
Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
From 013159 To 020859 S.I.P. Measured 102756 Prod. String O.D. 2.000
Deadweight Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Wt. 4.70
Deadweight Shut-in Pressure, psia
Flowing Pressure, psia
Chart (d) Tubing 1026 (k) Casing (j) Length 4452

Meter Error
0 (e)

Friction Loss

0 (f)

7 Day Avg. Flowing Pres., psia

Chart 497 (g) Corrected 497 (h)**FRICTION CALCULATION**Grav. .712 $P_t =$ 497 (i)GL = 3170 $(1-e^{-x}) =$.206 $(F_c Q)^2 =$ 9394 $(1-e^{-x})(F_c Q)^2 = R^2 =$ 1935 $P_t^2 =$ 247009 $P_w^2 =$ 248944**FLOW RATE CALCULATION**

$$Q = \frac{326}{(\text{integrated})} \times \sqrt{\frac{(c)}{(d)} \cdot .0000} = \frac{.0000}{.0000} = 326$$

DELIVERABILITY CALCULATION

$$D = Q \cdot 326 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N = \frac{.9823}{.9866} = 322$$

SUMMARY $P_c =$ 1026 $Q =$ 326 $P_w =$ 499 $P_d =$ 513 $D =$ 322D at 250 or 500 321

Note:

250# for P.C.

500# for M.V.

Company EL PASO NATURAL GAS CO.By H. L. KENDRICKTitle GAS ENGINEER

Witnessed By _____

Company _____



NEW MEXICO OF CONSERVATION COMMISSION

STATE OF NEW MEXICO - BUREAU OF LAND MANAGEMENT

OFFICE OF THE COMMISSIONER

TO: THE COMMISSIONER, NEW MEXICO OF CONSERVATION COMMISSION

FROM: THE COMMISSIONER, NEW MEXICO OF CONSERVATION COMMISSION

SUBJECT: [Illegible]

RE: [Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

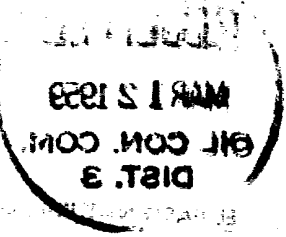
[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]



NEW MEXICO OF CONSERVATION COMMISSION

BUREAU OF LAND MANAGEMENT

DIST. 3