

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

72826 Pool AZTEC Lease WRIGHT POOL UNIT No. 1
 Formation PC Unit I S 16 T 28 R 09 Pay Zone 2521 to 2560 Cty. SJ
 Casing - OD 2875 Wt. 640 Set at 2626 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
 From 032161 To 032961 S.I.P. Measured 101460 Prod. String O.D. 2.875

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

Flowing Pressure, psia
 Chart (d) Tubing (k) Casing 727 (j) Length 2521

Meter Error
0 (e)

Friction Loss
0 (f)

7 Day Avg. Flowing Pres., psia
 Chart 259 (g) Corrected 259 (h)

FRICTION CALCULATION

Grav. .653 $P_t =$ 259 (i) $GL =$ 1646 $(1-e^{-s}) =$.113

$(F_c Q)^2 =$ 1309 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 148 $P_t^2 =$ 67081 $P_w^2 =$ 67229

FLOW RATE CALCULATION

$Q =$ 206 $\times \sqrt{\frac{(c)}{(d)}} =$ 1.0000 $=$ 1.0000 $=$ 206

DELIVERABILITY CALCULATION

$D = Q$ 206 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.8582 $=$.8781 $=$ 181

SUMMARY

 $P_c =$ 727 $Q =$ 206 $P_w =$ 259 $P_d =$ 364 $D =$ 181D at 250 or 500 205

Note:

250 = for P.C.

500 = for M.V.

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

RECEIVED

MAY 1 1961

OIL CON. C.