

Initial
Deliverability Test

NEW MEXICO OIL COMMISSION
GAS WELL TEST DATA SHEET — SAN JUAN BASIN

FORM C-122-A
(EL PASO - 2-1-61)

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, CHACRA, FARMINGTON
& ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

Pool Artec Formation Pictured Cliff County San Juan

Well Name Hamscock No. 4-B 73-069

Unit C S 22 T 28 R 9 Pay Zone 2306 To 2336 Flow String Casing

Casing O D 2-7/8" Wt 6.4 Set at 2380 Tubing O D None Wt L 2306 Top Perf.

Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas. Period of test flow From 1-9-62 To 1-17-62 SIP Measured 9-14-61

Deadweight Flowing Pressure, psia Flowing Pressure psia
Casing (a) Tubing (b) Meter (c) Chart (d)

Deadweight Shut-in Pressures, psia Meter Error Friction Loss
Casing 703 (j) Tubing --- (k) (e) (f)

7 Day Avg. Flowing Pres., psia
Chart 263 (g) Corrected 263 (h) P_t 263 (i) Gravity .641

G. L. = 1478 $1-e^{-s} = .102$ $(F_c Q)^2 = 4.335$

$(1-e^{-s})(F_c Q)^2 = R^2 = 442$ $P_i^2 = 69169$ $P_w^2 = 69611$

$Q = \frac{375}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = 375$

$D = Q \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N = .8721 \right)^{.8902} = 334$

SUMMARY

$P_c = 703$ psia
 $Q = 375$ MCF/D
 $P_w = 264$ psia
 $P_d = 352$ psia
 $D = 334$ MCF/D

RECEIVED
FEB 15 1962
OIL CON. COM.
EL PASO NATURAL GAS COMPANY
By H. L. Kendrick
Title Sr. Gas Engineer
Witnessed By
Company
