

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

72386 Pool AZTEC Lease SAN JACINTO No. 5
Formation PC Unit H S 21 T 29 R 10 Pay Zone 1938 to 1982 Cty. SJ
Casing - OD 5500 Wt. 1550 Set at 2053 Tubing - OD 1250 Wt. 0240 L 1936 (T. Perf.)
Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
From 012259 To 013059 S.I.P. Measured 112058 Prod. String O.D. 5.500
Deadweight Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Wt. 15.50
Flowing Pressure, psia Deadweight Shut-in Pressure, psia
Chart (d) Tubing 612 (k) Casing 612 (j) Length 1936

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia 293 (g) Corrected 293 (h)

FRICTION CALCULATION

Grav. .657 $P_i =$ 293 (i) $GL =$ 1273 $(1-e^{-x}) =$.088

$(F_c Q)^2 =$ 2123 $(1-e^{-x}) (F_c Q)^2 = R^2 =$ 187 $P_i^2 =$ 85849 $P_w^2 =$ 86036

FLOW RATE CALCULATION

$Q =$ 1159 $\times \sqrt{\frac{(c)}{(d)}} =$.0000 $=$ 1159

DELIVERABILITY CALCULATION

$D = Q$ 1159 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.9730 $=$.9770 $=$ 1132

SUMMARY

$P_c =$ 612
 $Q =$ 1159
 $P_w =$ 293
 $P_d =$ 306
 $D =$ 1132

D at 250 or 500 1217

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 _____



OFFICE OF THE SECRETARY OF DEFENSE

WASHINGTON, D. C. 20301

100-100000-100000

TO: THE SECRETARY OF DEFENSE, WASHINGTON, D. C. 20301

FROM: THE SECRETARY OF DEFENSE, WASHINGTON, D. C. 20301

SUBJECT: [Illegible]

DATE: [Illegible]

100-100000-100000

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