

Initial
Deliverability Test

FORM C-122-A
EL PASO 11-1-62

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

Pool Fulcher K Formation PC County SJ
Well Name Gordon No. 4 74-076
Unit H S 22 T27 R 10 Pay Zone 2070 To 2128 Flow String Casing
Casing O D 2.875 I D 2.441 Set at 2159 Tubing O D None I D None L None Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia None Period Of Test Flow From 09-12-65 To 09-20-65 SIP Measured 08-18-65

Deadweight Flowing Pressure, psia
Casing None (a) Tubing None (b) Meter None (c) Chart None (d)

Deadweight Shut-In Pressures, psia
Casing 406 (j) Tubing None (k) Meter Error 000% (e) Friction Loss 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 211 (g) Corrected 211 (h) P_f 211 (i) Gravity .627

G. L. = 1298 1-e^{-s} = .090 F_c 5.551 (F_cQ)² 1.371

(1-e^{-s}) (F_cQ)² = R² = 123 P_i² = 44521 P_w² = Use P_c²

Q = $\frac{211}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 211$

D=Q $\frac{211}{\left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_i^2)} \right]^n} = \frac{59211}{120315} = \frac{(.4921)^n}{.5480} = 116$

REMARKS

CORRECTED COPY

Major OWWO - First Delivered August 26, 1965.



SUMMARY

P_c = 406
Q = 211
P_w = 211
P_d = 325
D = 116

Company EL PASO NATURAL GAS COMPANY
By H. L. KENDRICK
Title SENIOR GAS ENGINEER
Witnessed By None
Company None

101-102

1007

1001

100

1000

1000

100

100

100

100

100

100

100

100

100

100

1000 1000 1000 1000 1000 1000 1000 1000 1000 1000

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100