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 Basin Formation Dakota County San Juan

Well Name Allison No. 26(DK) 73-881

Unit I S 9 T 32 R 7 Pay Zone 8074 To 8270 Flow String Tubing

Casing O D 4.000 I D 3.476 Set at 8321 Tubing O D 1.900 I D 1.610 L 8091 Top Perf.

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

| Pd: % Of $P_c$ | Comm. Designated $P_c$, psia | Period Of Test Flow | | SIP Measured |
|---|---|---|---|---|
| 50 | | From 12-19-64 | To 12-27-64 | 9-16-64 |

| 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 _____(J) | Tubing 2706 (k) | _____(e) | _____(f) |

7 Day-Avg. Flowing Pres., psia

Chart 504 (g) Corrected 504 (h) $P_f$ 504 (i) Gravity .608

G. L. = 4919 $1-e^{-s}$ = .301 Fc 16.46 $(F_cQ)^2$ 19.901

$(1-e^{-s})(F_cQ)^2 = R^2$ = 5990 $P_f^2$ = 254016 $P_w^2$ = 260006

$$Q = \frac{271}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \quad = \quad}\right] = 271$$

$$D = Q \quad 271 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{5491827}{7062430}\right]^n = \frac{(.7776)^n}{.8279} = 224$$

REMARKS

RECEIVED
JAN 19 1965
OIL CON. COM.
DIST. 3

SUMMARY

$P_c$ = 2706

Q = 271

$P_w$ = 510

$P_d$ = 1353

D = 224

Company EL PASO NATURAL GAS COMPANY

By H. L. Kendrick

Title SENIOR GAS ENGINEER

Witnessed By _____

Company _____