

Initial Deliverability Test

FORM C-122-A
EL PASO 8-1-65

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

January 27, 1967

Pool TAPACITO Formation PICTURED CLIFFS County RIO ARRIBA

Well Name JICARILLA 119 N #3

Unit L S 5 T 26N R 4W Pay Zone 4030 To 4098 Flow String Tubing

Casing O D 5.000 I D 4.560 Set at 4108 Tubing O D 1.660 I D 1.380 L 4040 Top Perf.

Operator NORTHWEST PRODUCTION CORPORATION Purchasing Pipeline EL PASO NATURAL GAS CO.

Pd: % Of Pc Comm. Designated Pc, psia Period Of Test Flow SIP Measured

80 From 12-7-66 To 12-15-66 4-18-66

Deadweight Flowing Pressure, psia Flowing Pressure, psia

Casing 386 (a) Tubing 350 (b) Meter 349 (c) Chart 346 (d)

Deadweight Shut-In Pressures, psia Meter Error Friction Loss

Casing 560 (j) Tubing 560 (k) 3 (e) 1 (f)

7 Day-Avg. Flowing Pres., psia

Chart 353 (g) Corrected 356 (h) P_f 357 (i) Gravity .676

G. L. = 2731 ✓ 1-e^{-s} = .180 F_c 24.621 (F_cQ)² 65,222

(1-e^{-s}) (F_cQ)² = R² = 11740 P_i² = 127449 P_w² = 139189

Q = $\frac{327}{(\text{integrated})} \times \left[\sqrt{\frac{(c) 349}{(d) 346}} = \frac{1.0086}{1.0043} \right] = 328$

D=Q 328 x $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \left[\frac{112896}{174411} \right]^n = \left(\frac{.6472}{.6908} \right)^n = 227$

REMARKS

SUMMARY

P_c = 560
Q = 328
P_w = 373
P_d = 448
D = 227

Company NORTHWEST PRODUCTION CORPORATION
By J. M. Newman
Title J. M. Newman, Mgr., Prod. Oper.
Witnessed By
Company

RECEIVED
JAN 30 1967
OIL CON. COM.
DIST. 3

