

Initial
Deliverability Test

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

Pool TAPACITO Formation PICTURED CLIFFS January 26, 1967
County RIO ARRIBA
Well Name JICARILLA 119 N #9 86177
Unit H S 6 T26N R4W Pay Zone 3912 To 3947 Flow String Tubing
Casing O D 5.000 I D 4.560 Set at 4045 Tubing O D 2.375 I D 1.995 L 3973 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 12-23-66 To 12-31-66 4-18-66

Deadweight Flowing Pressure, psia Flowing Pressure, psia
Casing 338 (a) Tubing 309 (b) Meter 304 (c) Chart 360 (d)

Deadweight Shut-In Pressures, psia Meter Error Friction Loss
Casing 574 (j) Tubing 520 (k) 56- (e) 5 (f)

7 Day-Avg. Flowing Pres., psia
Chart 339 (g) Corrected 283 (h) P_t 288 (i) Gravity .670

G. L. = 2662 $1-e^{-s}$ = .176 F_c 9.402 $(F_c Q)^2$ 18.139

$(1-e^{-s}) (F_c Q)^2 = R^2$ = 3192 P_i^2 = 82944 P_w^2 = 86136

$Q = \frac{493}{(\text{integrated})} \times \left[\sqrt{\frac{(c) 304}{(d) 360}} = .8444 \right] = .9189$ = 453

$D=Q$ 453 $\times \left[\frac{(P_i^2 - P_d^2)}{(P_i^2 - P_w^2)} \right]^n = \left[\frac{118795}{243340} \right]^n = \frac{(.4881)}{.5435}^n$ = 246

REMARKS



SUMMARY

P_c = 574
 Q = 453
 P_w = 293
 P_d = 459
 D = 246

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

10-1-1946

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