

Initial Deliverability Test

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

JAN 27 1967

Pool TAPACITO Formation PICTURED CLIFFS County RIO ARRIBA

Well Name JICARILLA 119 N #6

Unit A S 7 T26N R4W Pay Zone 3810 To 3832 Flow String Tubing

Casing O D 5.00 I D 4.56 Set at 3924 Tubing O D 2.375 I D 1.995 L 3824 Top Perf.

Operator NORTHWEST PRODUCTION CORPORATION Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of Pc 80 Comm. Designated Pc, psia _____ Period Of Test Flow From 12-7-66 To 12-15-66 SIP Measured 4-18-66

Deadweight Flowing Pressure, psia
Casing 350 (a) Tubing 330 (b) Meter 327 (c) Chart 336 (d)

Deadweight Shut-In Pressures, psia
Casing 569 (j) Tubing 572 (k) Meter Error -9 (e) Friction Loss 3 (f)

7 Day-Avg. Flowing Pres., psia
Chart 320 (g) Corrected 311 (h) P_f 314 (i) Gravity .645

G. L. = 2466 1-e^{-s} = .164 F_c 9.402 (F_cQ)² 45.441

(1-e^{-s}) (F_cQ)² = R² = 7452 P_i² = 98596 P_w² = 106048

$$Q = \frac{727}{(\text{integrated})} \times \left[\sqrt{\frac{(c) 327}{(d) 336}} = \frac{.9732}{.9865} \right] = \frac{717}{}$$

$$D=Q \frac{717}{} \times \left[\frac{(P_i^2 - P_w^2)}{(P_i^2 - P_w^2)} \right]^n = \left[\frac{117420}{221136} \right]^n = \frac{(.5309)^n}{.5838} = \frac{419}{}$$

REMARKS



SUMMARY

P_c = 572
Q = 717
P_w = 326
P_d = 458
D = 419

NORTHWEST PRODUCTION CORPORATION

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

WIND REPORT

STATION

DATE AND TIME

TIME

DIR.

100

WIND SPEED

100

100

100

100

100

100

100

100

100

100

100

100

100

100

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