

Initial
Deliverability Test

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

January 26, 1967

Pool BLANCO Formation MESAVERDE County RIO ARriba
Well Name JICARILLA 119 N #8 (MV)
Unit M S 8 T 26NR 4W Pay Zone 5156 To 5770 Flow String Tbg-Tbg Annulus
Casing O D 5.50 I D 4.892 Set at 7910 Tubing O D 1.315 I D 1.049 L 5779 Top Perf.
Operator NORTHWEST PRODUCTION CORPORATION Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c Comm. Designated P_c, 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 415 (a) Tubing 391 (b) Meter 344 (c) Chart 353 (d)
Deadweight Shut-In Pressures, psia Meter Error Friction Loss
Casing 687 (j) Tubing 677 (k) -9 (e) 47 (f)
7 Day-Avg. Flowing Pres., psia
Chart 361 (g) Corrected 352 (h) P_f 399 (i) Gravity .674
G. L. = 3895 1-e^{-s} = .247 F_c 32.127 (F_cQ)² 3.842

(1-e^{-s}) (F_cQ)² = R² = 949 P_f² = 159,201 P_w² = 160,150

Q = $\frac{62}{(\text{integrated})} \times \left[\sqrt{\frac{(c) 344}{(d) 353}} = \frac{18.547}{18.788} = .9872 \right] = 61$

D=Q $\frac{61}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{169469}{\frac{164,505}{298,179}} = \frac{.5434}{.6239} = 38$

REMARKS



SUMMARY

P_c = 687
Q = 61
P_w = 400
P_d = 550
D = 38

NORTHWEST PRODUCTION CORPORATION

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

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