

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 #1 86136
Unit L S 8 T 26N R 4W Pay Zone 3492 To 3510 Flow String Tubing
Casing O D 4.500 I D 4.090 Set at 3672 Tubing O D 1.660 I D 1.380 L 3502 Top Perf.
Operator NORTHWEST PRODUCTION CORPORATION Purchasing Pipeline EL PASO NATURAL GAS CO.

Pd: % Of P_c Comm. Designated P_c, psia Period Of Test Flow SIP Measured
80 From 12-07-66 To 12-15-66 10-3-66

Deadweight Flowing Pressure, psia Flowing Pressure, psia
Casing 494 (a) Tubing 457 (b) Meter 455 (c) Chart 437 (d)

Deadweight Shut-In Pressures, psia Meter Error Friction Loss
Casing 583 (j) Tubing 583 (k) 18 (e) 2 (f)

7 Day-Avg. Flowing Pres., psia
Chart 438 (g) Corrected 456 (h) P_t 458 (i) Gravity .647

G. L. = 2266 1-e^{-s} = .152 F_c 24.621 (F_cQ)² 143.760

(1-e^{-s}) (F_cQ)² = R² = 21852 P_i² = 209764 P_w² = 231616

$$Q = \frac{477}{(\text{integrated})} \times \left[\sqrt{\frac{(c) 455}{(d) 437}} = \frac{1.0411}{1.0203} \right] = \underline{487}$$

$$D=Q \quad \underline{487} \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \left[\frac{122733}{108273} \right]^n = \frac{(1.1335)^n}{1.1124} = \underline{542}$$

REMARKS

Unable to obtain 25% drawdown.



SUMMARY

P_c = 583
Q = 487
P_w = 481
P_d = 466
D = 542

OK

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

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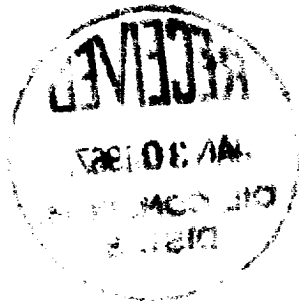
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