

Initial  
Deliverability Test

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

JAN 26 1967

Pool BLANCO Formation MESAVERDE County RIO ARRIBA  
Well Name JICARILLA 119 N #4 (MV)  
Unit H S 8 T 26N R 4W Pay Zone 5572 To 6180 Flow String Tbg-Tbg Annulus  
Casing O D 7.625 I D 6.969 Set at 4121 Tubing O D 2.375 I D 1.995 L 6190 Top Perf.  
Casing O D 5.550 I D 4.950 Set at 8375 Tubing O D 1.315 I D 1.049 L 6190 Top Perf.  
Operator NORTHWEST PRODUCTION CORPORATION Purchasing Pipeline EL PASO NATURAL GAS CO.

Pd: % Of P<sub>c</sub> 80 Comm. Designated P<sub>c</sub>, psia                      Period Of Test Flow From 12-7-66 To 12-15-66 SIP Measured 4-18-66

Deadweight Flowing Pressure, psia  
Casing 395 (a) Tubing 312 (b) Meter 310 (c) Chart 305 (d)

Deadweight Shut-In Pressures, psia  
Casing 661 (j) Tubing 653 (k) Meter Error 5 (e) Friction Loss 2 (f)

7 Day-Avg. Flowing Pres., psia  
Chart 303 (g) Corrected 308 (h) p<sub>f</sub> 310 (i) Gravity .681

G. L. = 4215 1-e<sup>-s</sup> = .264 F<sub>c</sub> 32.127 (F<sub>c</sub>Q)<sup>2</sup> 4.915

(1-e<sup>-s</sup>) (F<sub>c</sub>Q)<sup>2</sup> = R<sup>2</sup> = 1298 P<sub>f</sub><sup>2</sup> = 96100 P<sub>w</sub><sup>2</sup> = 97398

$$Q = \frac{69}{(\text{integrated})} \times \left[ \sqrt{\frac{(c) 310}{(d) 305}} = \frac{17.607}{17.464} = \frac{1.0002}{1.0002} \right] = 69$$

$$D=Q \times \left[ \frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \left[ \frac{157,080}{339,523} \right]^n = \left[ \frac{.4626}{.5609} \right]^n = 38$$

REMARKS



SUMMARY

P<sub>c</sub> = 661  
Q = 69  
P<sub>w</sub> = 312  
P<sub>d</sub> = 529  
D = 38

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

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