

Initial
Deliverability Test

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

Pool SD BLANCO Formation PC County SJ
Well Name BLACK B #5 75408
Unit J S 33 T 28 R 8 Pay Zone 2133 To 2170 Flow String CASING
Casing O D 2.875 I D 2.441 Set at 2256 Tubing O D NONE I D L Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia Period Of Test Flow From 09-03-66 To 09-11-66 SIP Measured 06-30-66

Deadweight Flowing Pressure, psia Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Chart (d)

Deadweight Shut-In Pressures, psia Meter Error Friction Loss
Casing 774 (j) Tubing (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 218 (g) Corrected 218 (h) P_f 218 (i) Gravity .659

G. L. = 1406 1-e^{-s} = .097 F_c 5.551 (F_cQ)² .587

(1-e^{-s}) (F_cQ)² = R² = 57 P_i² = 47524 P_w² = USE PT2

Q = $\frac{138}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 138$

D=Q $\frac{138}{\left[\frac{(P_c^2 - P_w^2)}{(P_i^2 - P_w^2)} \right]^n} = \frac{138}{\left[\frac{215915}{551552} \right]^n} = \frac{138}{(.3914)^n} = \frac{138}{.4505} = 62$

REMARKS

New Well First Delivered 8-17-66.

SUMMARY

P_c = 774 ✓
Q = 138 ✓
P_w = 218 ✓
P_d = 619 ✓
D = 62 ✓

Company EL PASO NATURAL GAS CO
By H.L. Kendrick
Title AREA GAS WELL TEST ENGINEER
Witnessed By
Company



66266

75408

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