

Initial
Deliverability Test

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

Pool ELANCO Formation MV County SJ
Well Name SUNRAY K COM #1 70465
Unit B S 32 T 31 R 1C Pay Zone 4415 To 5330 Flow String TUEING
Casing O D 4.500 I D 4.052 Set at 5380 Tubing O D 2.375 I D 1.995 L 5208 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 06-29-67 To 07-07-67 SIP Measured 06-01-67

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

Deadweight Shut-In Pressures, psia
Casing 791 (j) Tubing 562 (k) Meter Error 0006 (e) Friction Loss 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 456 (g) Corrected 456 (h) P_t 456 (i) Gravity .668

G. L. = 3479 1-e^{-s} = .224 F_c 9.402 (F_cQ)² 240.374

(1-e^{-s}) (F_cQ)² = R² = 53844 P₁² = 207936 P₂² = 261780

Q = $\frac{1649}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1649$

D=Q $\frac{1649}{\left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n} = \left[\frac{224992}{363901} \right]^n = \frac{(.6182)^n}{.6972} = 1150$

REMARKS

OWWO - First Delivered 6-15-67

OK



SUMMARY

P_c = 791
Q = 1649
P_w = 512
P_d = 633
D = 1150

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

