

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

Initial
Deliverability Test
File

Pool BASIN Formation DAKOTA County SJ
Well Name HUEPFANG UNIT #152 75453
Unit C S 12 T 25 R 10 Pay Zone 6764 To 6798 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 6855 Tubing O D 2.375 I D 1.995 L 6813 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 50 Comm. Designated P_c, psia Period Of Test Flow From 12-02-66 To 12-10-66 SIP Measured 07-20-66

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

Deadweight Shut-In Pressures, psia
Casing 1949 (j) Tubing 1759 (k) Meter Error 0008 (e) Friction Loss 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 491 (g) Corrected 491 (h) P_t 491 (i) Gravity .678

G. L. = 4619 1-e^{-s} = .285 F_c 9.402 (F_cQ)² 242.114

(1-e^{-s}) (F_cQ)² = R² = 69002 P_i² = 241081 P₂² = 310083

Q = $\frac{1655}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1655$

D=Q $\frac{1655}{\left[\frac{(P_2^2 - P_3^2)}{(P_1^2 - P_2^2)} \right]^n} = \frac{2847976}{3488518}^n = \frac{(.8163)^n}{.8588} = 1421$

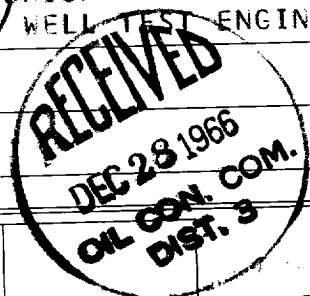
REMARKS

New Well First Delivered 11-4-66.

SUMMARY

P_c = 1949
Q = 1655
P_w = 557
P_d = 975
D = 1421

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



66355

75453

5676