

Initial
Deliverability Test

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

FORM C-122-A
(EL PASO - 2-1-61)

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, CHACRA, FARMINGTON
& ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

Pool Blanco Formation Mesa Verde County Rio Arriba
Well Name Hodge No. 1 (OVR) 70-430
Unit B S 5 T 29 R 7 Pay Zone 4608 To 5117 Flow String Tubing
Casing O D 7" Wt 23 Set at 4590 Tubing O D 2-3/8 Wt 4.7 L 4614 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas. _____ Period of test flow _____ SIP Measured _____
From 12-9-61 To 12-17-61 9-6-60

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 891 (j) Tubing 889 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 454 (g) Corrected 454 (h) P_f 454 (i) Gravity .692

FRACTION RELATABLE

G. L. = _____ $1-e^{-s}$ = _____ $(F_c Q)^2$ = _____

$(1-e^{-s})(F_c Q)^2 = R^2 =$ _____ $P_i^2 =$ _____ $P_w^2 =$ Use P_c^2

$Q = \frac{154}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{154}{1}$

$D = Q \frac{154}{1} \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N = \frac{598296}{584205} \right) = \frac{1.0138}{1.0103} = \frac{156}{1}$

Perforated tubing at following depths: 4678, 4644, and 4614. Turned back on production 11-21-61.

SUMMARY

$P_c =$ 889 psia
 $Q =$ 154 MCF/D
 $P_w =$ 454 psia
 $P_d =$ 445 psia
 $D =$ 156 MCF/D

Company EL PASO NATURAL GAS COMPANY
By H. L. KEMPICK
Title Sr. Gas Engineer
Witnessed By _____
Company _____



