

Initial
Deliverability Test

NEW MEXICO OIL CONSERVATION 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 NV County R A

Well Name SJU 30 4 027 72194

Unit M S 23 T 30 R 6 Pay Zone 5080 To 5594 Flow String TUBING

Casing O D 5.500 Wt 15.50 Set at 5623 Tubing O D 1.640 Wt 2.30 L 5999 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

05-26-61

From 05-21-61

To 05-29-61

05-05-61

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 639 (j) Tubing 639 (k) 000+ (e) 0000 (f)

7 Day Avg. Flowing Pres., psia

Chart 511 (g) Corrected 511 (h) P_t 511 (i) Gravity .620

G. L. = 3447 $1-e^{-s} =$.222 $(F_c Q)^2 =$ 8157

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 1011 $P_t^2 =$ 261121 $P_w^2 =$ 242932

$Q = \frac{116}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 116$

$D = Q \frac{116}{\left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{2.1041}{1.7470} \right)^N} = 203$

An intermitter was installed. Turned back on production 5/23/61

CANNOT ACHIEVE .25 DRAWDOWN

SUMMARY

$P_c =$ 639 psia

$Q =$ 116 MCF/D

$P_w =$ 513 psia

$P_d =$ 320 psia

$D =$ 203 MCF/D

Company EL PASO NATURAL GAS COMPANY

By H. L. KENDRICK

Title GAS ENGINEER

Witnessed By _____

Company _____



Initial
test

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

NEW MEXICO OIL CONSERVATION COMMISSION

TO BE USED FOR ESTIMATING PICTURED CUFFS, JARVIS, CHAKRA, EXAMINATION
& ALL CAROTAT EXCEPT BARKER DOME STORAGE AREA & THE DOME

Well Name _____ Formation _____ County _____

Well Depth _____ COT _____

Oil Flow Rate _____ Pay Zone _____ Flow String _____

Gas Flow Rate _____ Test Pressure _____

Location _____ Producing Pipeline _____ EL PASO NATURAL GAS COMPANY

Date of Test _____ Period of Test _____

From _____ To _____

Pressure at Well Head _____

Flow Rate _____

Pressure at Well Head _____

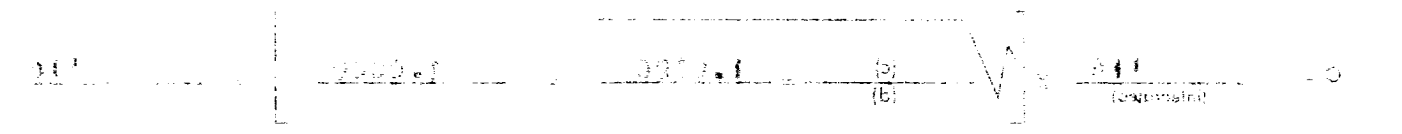
Flow Rate _____

Pressure at Well Head _____

Flow Rate _____

Pressure at Well Head _____

Pressure at Well Head _____



$$Q = \frac{1.1 \times 10^6}{(114 - 112)} \left(\frac{1.1 - 1.1}{1.1 - 1.1} \right)$$

An intermitter was installed. It turned back on production.

Summary

Summary

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