

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE & ALL DAKOTA EXCEPT
BARKER DOME STORAGE AREA)Initial
Deliverability Test

71851 Pool BLANCO Lease SAN JUAN 28 6 No. 74
 Formation MV Unit A S 03 T 27 R 06 Pay Zone 4732 to 5389 Cty. RA
 Casing - OD 5500 Wt. 1400 Set at 5440 Tubing - OD 2000 Wt. 0470 L 5295 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 042061 To 042861 S.I.P. Measured 061460 Prod. String O.D. 2.000
 Deadweight Flowing Pressure, psia
 Casing (a) Tubing (b) Meter (c) Wt. 4.70
 Flowing Pressure, psia
 Chart (d) Tubing 842 (k) Casing 854 (j) Length 5295
 Deadweight Shut-in Pressure, psia

Meter Error

0 (e)

Friction Loss

0 (f)

7 Day Avg. Flowing Pres., psia

Chart 578 (g) Corrected 578 (h)

FRICTION CALCULATION

Grav. .695 $P_t =$ 578 (i) $GL =$ 3680 $(1-e^{-s}) =$.235

$(F_c Q)^2 =$ 3190 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 750 $P_t^2 =$ 334084 $P_w^2 =$ 334834

FLOW RATE CALCULATION

$Q =$ 190 (integrated) $\times \sqrt{\frac{(c)}{(d)} \frac{1.0000}{1.0000}} = \frac{1.0000}{1.0000} =$ 190

DELIVERABILITY CALCULATION

$D = Q$ 190 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{1.4212}{1.3016} =$ 247

An intermitter was installed. Shut back on Production 3-15-61.

SUMMARY

$P_c =$ 842
 $Q =$ 190
 $P_w =$ 579
 $P_d =$ 421
 $D =$ 247

D at 250 or 500 217

Note:

250 # for P.C.

500 # for M.V.

Company EL PASO NATURAL GAS CO.By H. L. KENDRICKTitle GAS ENGINEER

Witnessed By _____

Company _____

RECEIVED

MAY 22 1961

OIL CON. COM.
DIST.