

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

70293 Pool BLANCO Lease SUNRAY A MV No. 1
 Formation MV Unit A S 15 T 30 R 10 Pay Zone 5412 to 5526 City SJ
 Casing - OD 5500 Wt. 1550 Set at 5580 Tubing - OD 2000 Wt. 0470 L 5466 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 101560 To 102260 S.I.P. Measured 080260 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 880 (k) Deadweight Shut-in Pressure, psia Casing 924 (j) Length 5466

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia Chart 476 (g) Corrected 476 (h)

FRICITION CALCULATION

Grav. .696 $P_t =$ 476 (i) $GL =$ 3804 $(1-e^{-s}) =$.242
 $(F_c Q)^2 =$ 75969 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 18384 $P_c^2 =$ 226576 $P_w^2 =$ 244960

FLOW RATE CALCULATION

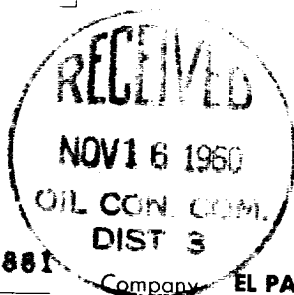
$Q =$ 927 (integrated) $\times \sqrt{\frac{(c)}{(d)} \frac{1.0000}{1.0000}} =$ 927

DELIVERABILITY CALCULATION

$D = Q$ 927 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$ 1.0970 $=$ 1.0719 $=$ 994

SUMMARY

$P_c =$ 880
 $Q =$ 927
 $P_w =$ 495
 $P_d =$ 440
 $D =$ 994



D at 250 or 500 881 Company EL PASO NATURAL GAS CO.
 Note: 250 = for P.C. 500 = for M.V. By H. L. KENDRICK
 Title GAS ENGINEER
 Witnessed By _____
 Company _____

RECEIVED

NOV 8 1953

OIL COMPANY

DIST 3

RECEIVED

NOV 8 1953

OIL COMPANY

DIST 3

RECEIVED

NOV 8 1953

OIL COMPANY

DIST 3

RECEIVED

NOV 8 1953

OIL COMPANY

DIST 3

RECEIVED

NOV 8 1953

OIL COMPANY

DIST 3

RECEIVED

NOV 8 1953

OIL COMPANY

DIST 3

RECEIVED

NOV 8 1953

OIL COMPANY

DIST 3

RECEIVED

NOV 8 1953

OIL COMPANY

DIST 3

RECEIVED

NOV 8 1953

OIL COMPANY

DIST 3

RECEIVED

NOV 8 1953

OIL COMPANY

DIST 3

RECEIVED

NOV 8 1953

OIL COMPANY

DIST 3

RECEIVED

NOV 8 1953

OIL COMPANY

DIST 3

RECEIVED

NOV 8 1953

OIL COMPANY

DIST 3

RECEIVED

NOV 8 1953

OIL COMPANY

DIST 3

