

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

74449 Pool SOUTH BLANCO Lease CANYON LARGO UNIT No. 33
 Formation PC Unit P S 12 T 25 R 06 Pay Zone 2864 to 2872 Cty. RA
 Casing - OD 5500 Wt. 1400 Set at 2925 Tubing - OD 2000 Wt. 0470 L 2835 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 012161 To 012961 S.I.P. Measured 102260 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 336 (k) Deadweight Shut-in Pressure, psia Casing 392 (j) Length 2835

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
 Chart 218 (g) Corrected 218 (h)

FRICTION CALCULATION

Grav. .669 $P_t =$ 218 (i) GL = 1897 $(1-e^{-s}) =$.129

$(F_c Q)^2 =$ 1090 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 141 $P_t^2 =$ 47524 $P_w^2 =$ 47665

FLOW RATE CALCULATION

$Q =$ 111 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 111

DELIVERABILITY CALCULATION

$D = Q$ 111 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{1.2952}{1.2459} =$ 138

An Intermittent was Installed - Turned back on Production 1-1-61.

SUMMARY

 $P_c =$ 336D at 250 or 500 80Company EL PASO NATURAL GAS CO. $Q =$ 111

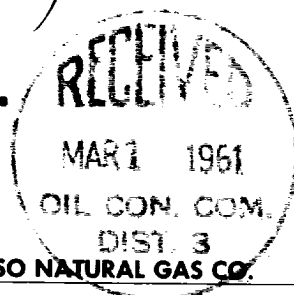
Note: 250 = for P.C.

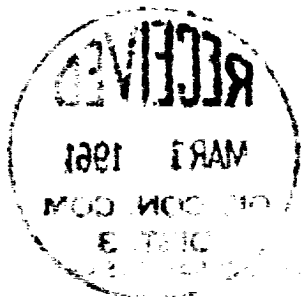
By Harold L. Kendrick $P =$ 218

500 = for M.V.

Title

GAS ENGINEER





An Inspector was installed - turned back on instruction 1-1-61