Form C-122-A
Revised April 20, 1955

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)

72-189

Pool South Blanco Formation Pictured Cliffs County San Juan
Purchasing Pipeline El Paso Natural Gas Date Test Filed ______

Operator El Paso Natural Gas Lease Bolack Well No. 12-C (P)
Unit A Sec. 29 Twp. 27 Rge. 8 Pay Zone: From 2284 To 2306
Casing: OD 7-5/8 WT. 2614 Set At 4435 Tubing: OD 1-1/4 WT. 2.4 T. Perf. 2272
Produced Through: Casing ______ Tubing X Gas Gravity: Measured .665 Estimated ______
Date of Flow Test: From 8/30/58 To 9/7/58 * Date S.I.P. Measured 5/15/58
Meter Run Size ______ Orifice Size ______ Type Chart ______ Type Taps ______

OBSERVED DATA

Flowing casing pressure (Dwt) ______ psig + 12 = ______ psia (a)
Flowing tubing pressure (Dwt) ______ psig + 12 = ______ psia (b)
Flowing meter pressure (Dwt) ______ psig + 12 = ______ psia (c)
Flowing meter pressure (meter reading when Dwt. measurement taken:
Normal chart reading ______ psig + 12 = ______ psia (d)
Square root chart reading (______) ^{2} x spring constant ______ = ______ psia (d)
Meter error (c) - (d) or (d) - (c) ± = ______ psi (e)
Friction loss, Flowing column to meter:
(b) - (c) Flow through tubing: (a) - (c) Flow through casing = ______ psi (f)
Seven day average static meter pressure (from meter chart):
Normal chart average reading ______ psig + 12 = ______ psia (g)
Square root chart average reading (6.95) ^{2} x sp. const. 5 = 242 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) = 242 psia (h)
P_t = (h) + (f) = 242 psia (i)
Wellhead casing shut-in pressure (Dwt) 840 psig + 12 = 852 psia (j)
Wellhead tubing shut-in pressure (Dwt) 843 psig + 12 = 855 psia (k)
P_c = (j) or (k) whichever well flowed through = 855 psia (l)
Flowing Temp. (Meter Run) 72 °F + 460 = 532 °Abs (m)
P_d = ½ P_c = ½ (l) = 428 psia (n)

FLOW RATE CALCULATION

Q = ______ (integrated) X ($\sqrt{(c)}$ / $\sqrt{(d)}$ = ______ = ______) * = 434 MCF/da

DELIVERABILITY CALCULATION

$$D = Q\ 434 \left[\frac{\left(P_c^2 - P_d^2\right) = 547{,}841}{\left(P_c^2 - P_w^2\right) = 660{,}587} \right]^n \frac{.8293}{.8530} = 370 \text{ MCF/da.}$$

SUMMARY
P_c = 855 psia
Q = 434 Mcf/day
P_w = 265 psia
P_d = 428 psia
D = 370 Mcf/day

Company El Paso Natural Gas
By Original Signed
Title Harold L. Kendrick
Witnessed by ______
Company ______

* This is date of completion test.
* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	(1-e^{-s})	(F_cQ)2	(F_cQ)^2 (1-e^{-s}) R^2	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
1511	.104	114.169	11,874	58,564	70,438	265

D at 250 = 428

RECEIVED
OCT 2 1958
OIL CON. COM.
DIST. 3