Form C-122-A
Revised April 20, 1955

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - - SAN JUAN BASIN

32-232

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

Pool South Blanco Formation Pictured Cliff County Rio Arriba

Purchasing Pipeline EL PASO NATURAL GAS COMPANY Date Test Filed

Operator El Paso Natural Gas Company Lease Rincon Well No. 103

Unit I Sec. 16 Twp. 27 Rge. 6 Pay Zone: From 3154 To 3200

Casing: OD 5-1/2 WT. 15-1/2 Set At 3245 Tubing: OD 1-1/4 WT. 2.3 T. Perf. 3170

Produced Through: Casing ____ Tubing X Gas Gravity: Measured 701 Estimated ____

Date of Flow Test: From 10-15 To 10-22-58 * Date S.I.P. Measured 6-17-58 (31)

Meter Run Size ____ Orifice Size 1.250 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			(e)
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 (6.90)^2 x sp. const. 5 = 238 psia			(g)
Corrected seven day avge. meter press. (p_f) (g) + (e) = 238 psia			(h)
P_t = (h) + (f) = 238 psia			(i)
Wellhead casing shut-in pressure (Dwt) 1087 psig + 12 = 1099 psia			(j)
Wellhead tubing shut-in pressure (Dwt) 1088 psig + 12 = 1100 psia			(k)
P_c = (j) or (k) whichever well flowed through = 1100 psia			(l)
Flowing Temp. (Meter Run) 59 °F + 460 = 519 °Abs			(m)
P_d = ½ P_c = ½ (l) = 550 psia			(n)

FLOW RATE CALCULATION

Q = ____ (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad\right)^n$ = 363 MCF/da

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2}\right]^n$ = 363 $\left[\frac{907500}{1141455}\right]^{.7950/.8230}$ = 299 MCF/da.

SUMMARY

P_c = 1100 psia		Company	EL PASO NATURAL GAS COMPANY
Q = 363 Mcf/day		By	Original Signed Harold L. Kendrick
P_w = 262 psia		Title	
P_d = 550 psia		Witnessed by	
D = 299 Mcf/day		Company	

* This is date of completion test.

* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-S})$	$(F_cQ)^2$	$\frac{(FcQ)^2 \quad (1-e^{-S})}{R^2}$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
2222	.149	79,870	11,901	56,644	68,545	262

D250 = 360

RECEIVED
NOV 12 1958
OIL CON. COM.
DIST. 3