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)

Pool FULCHER KUTZ Formation PICTURED CLIFFS County SAN JUAN

Purchasing Pipeline EL PASO NATURAL GAS COMPANY Date Test Filed 6-6-56

Operator J. GLENN TURNER Lease HUERFANITO UNIT Well No. 43-22

Unit L Sec. 22 Twp. 27N Rge. 9W Pay Zone: From 2278 To 2379

Casing: OD 5-1/2" WT. 15.5# Set At 2307 Tubing: OD 1" WT. 1.7# T. Perf. 2347

Produced Through: Casing X Tubing ____ Gas Gravity: Measured 0.635 Estimated ____

Date of Flow Test: From 5-1-56 To 5-8-56 * Date S.I.P. Measured March 24, 1956

Meter Run Size 4" Orifice Size ____ Type Chart Sq. Rt. Type Taps Flange

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 (7.70)^2 x sp. const. 5 = 296 psia			(g)
Corrected seven day avge. meter press. (p_f) (g) + (e) = 296 psia			(h)
P_t = (h) + (f) = 296 psia			(i)
Wellhead casing shut-in pressure (Dwt) 641 psig + 12 = 653 psia			(j)
Wellhead tubing shut-in pressure (Dwt) 641 psig + 12 = 653 psia			(k)
P_c = (j) or (k) whichever well flowed through = 653 psia			(l)
Flowing Temp. (Meter Run) 61 °F + 460 = 521 °Abs			(m)
P_d = ½ P_c = ½ (l) = 327 psia			(n)

FLOW RATE CALCULATION

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

DELIVERABILITY CALCULATION

$D = Q \left[\frac{(P_c^2 - P_d^2) = 319,500}{(P_c^2 - P_w^2) = 338,900} \right]^{n}$ 0.951 = 64 MCF/da.

SUMMARY

P_c =	653	psia
Q =	67	Mcf/day
P_w =	296	psia
P_d =	327	psia
D =	64	Mcf/day

Company J. GLENN TURNER
By [signature] Engineer
Title ____
Witnessed by ____
Company ____

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

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-S})$	$(F_cQ)2$	$\frac{(FcQ)^2 (1-e^{-S})}{R^2}$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
			Friction negligible			

OK

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