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: Aztec Formation: Pictured Cliff County: San Juan
Purchasing Pipeline: El Paso Natural Gas Company Date Test Filed: ______

Operator: El Paso Natural Gas Lease: Leakey Well No.: 6-B
Unit: B Sec.: 21 Twp.: 28 Rge.: 9 Pay Zone: From 2273 To 2310
Casing: OD 5½ WT. 15.5 Set At 2353 Tubing: OD 1¼ WT. 2.3 T. Perf. 2246
Produced Through: Casing X Tubing ______ Gas Gravity: Measured .645 Estimated ______
Date of Flow Test: From 2/28 To 3/9/57 * Date S.I.P. Measured 6/25/56
Meter Run Size ______ Orifice Size 1.250 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 (6.80) ^{2} x sp. const. 500 = 231 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) = 231 psia (h)
P_t = (h) + (f) = 231 psia (i)
Wellhead casing shut-in pressure (Dwt) 721 psig + 12 = 733 psia (j)
Wellhead tubing shut-in pressure (Dwt) 721 psig + 12 = 733 psia (k)
P_c = (j) or (k) whichever well flowed through = 733 psia (l)
Flowing Temp. (Meter Run) 53 °F + 460 = 513 °Abs (m)
$P_d = \frac{1}{2} P_c = \frac{1}{2}$ (l) = 367 psia (n)

FLOW RATE CALCULATION

Q = ______ (integrated) X ($\sqrt{(c)}$ ______ / $\sqrt{(d)}$ ______ = ______ = ______) * = 408 MCF/da

DELIVERABILITY CALCULATION

$$D = Q\ 408 \left[\frac{(P_c^2 - P_d^2) = 402,600}{(P_c^2 - P_w^2) = 483,928} \right]^n \frac{.8319}{.8551} = 349 \text{ MCF/da.}$$

SUMMARY

P_c =	733	psia	Company	El Paso Natural Gas Company
Q =	408	Mcf/day	By	Original Signed
P_w =	231	psia	Title	Lewis D. Galloway
P_d =	367	psia	Witnessed by	
D =	349	Mcf/day	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	P_t^2 (Column i)	$P_t^2 + R^2$	P_w
			FRICTION NEGLIGIBLE			

RECEIVED
MAR 22 1957
OIL CON. COM.
DIST. 3

D @ 250 = 397