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 OJITO Formation PICTURED CLIFFS County RIO ARRIBA

Purchasing Pipeline EL PASO NATURAL GAS COMPANY Date Test Filed 5-7-56

Operator [illegible] Lease TIOMEILLA Well No. 8

Unit I Sec. 33 Twp. 29N Rge. 5W Pay Zone: From 2190 To 2304

Casing: OD 5-1/2" WT. 14# Set At 2304 Tubing: OD 1" WT. 1.7# T. Perf. 2215

Produced Through: Casing X Tubing Gas Gravity: Measured 0.685 Estimated

Date of Flow Test: From 3-25-56 To 3-31-56 * Date S.I.P. Measured 11-2-55

Meter Run Size 4" Orifice Size 1.750 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 (8.45) ^{2} x sp. const. 5	=	357	psia	(g)
Corrected seven day avge. meter press. (P_f) (g) + (e)	=	357	psia	(h)
P_t = (h) + (f)	=	357	psia	(i)
Wellhead casing shut-in pressure (Dwt) 730	psig + 12 =	742	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 730	psig + 12 =	742	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	742	psia	(l)
Flowing Temp. (Meter Run) 59 °F + 460	=	519	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	371	psia	(n)

FLOW RATE CALCULATION

Q = _____ (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \_\_\_\_ = \_\_\_\_ \right)^*$ = _____ MCF/da

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{413,000}{423,000} \right]^n$ 0.980 = 1,887 MCF/da.

SUMMARY

P_c =	742	psia
Q =	1925	Mcf/day
P_w =	357	psia
P_d =	371	psia
D =	1887	Mcf/day

Company [illegible]
By [signature] Dwight L. Stoaks
Title Engineer
Witnessed by _____
Company _____

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

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-s})$	$(F_cQ)2$	$\frac{(FcQ)^2}{R^2}$ $(1-e^{-s})$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
1517	0.104	2,690	280	127,449	127,729	357

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