Initial Deliverability Test

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 Blanco-Pictured Cliffs Formation Pictured Cliffs County San Juan
Purchasing Pipeline El Paso Natural Gas Company Date Test Filed 11-20-58

Operator PAN AMERICAN PETROLEUM CORP. Lease A. L. Elliott "B" Well No. [illegible]
Unit P Sec. 10 Twp. 29N Rge. 9W Pay Zone: From [illegible] To [illegible]
Casing: OD 5-1/2 WT. 14 Set At [illegible] Tubing: OD 1.66 WT. 2.3 T. Perf. [illegible]
Produced Through: Casing X Tubing ______ Gas Gravity: Measured [illegible] Estimated ______
Date of Flow Test: From 10-7-58 To 10-15-58 * Date S.I.P. Measured [illegible]
Meter Run Size 4 Orifice Size 1.500 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 ([illegible]) ^{2} x sp. const. 5	=	[illegible]	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	[illegible]	psia	(h)
P_t = (h) + (f)	=	[illegible]	psia	(i)
Wellhead casing shut-in pressure (Dwt) 995	psig + 12 =	1007	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 995	psig + 12 =	1007	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	1007	psia	(l)
Flowing Temp. (Meter Run) [illegible] °F + 460	=	[illegible]	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	504	psia	(n)

FLOW RATE CALCULATION

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

DELIVERABILITY CALCULATION

D = Q [illegible] $\left[\frac{(P_c^2 - P_d^2) = \text{[illegible]}}{(P_c^2 - P_w^2) = \text{[illegible]}}\right]^n$ [illegible] = [illegible] MCF/da.

SUMMARY

P_c = 1007 psia		Company	PAN AMERICAN PETROLEUM CORPORATION
* Q = [illegible] Mcf/day		By	R. M. Bauer, Jr. (signature)
P_w = [illegible] psia		Title	Field Engineer
P_d = 504 psia		Witnessed by	
D = [illegible] 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	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
	Friction loss negligible					

*Furnished by pipeline company.

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