Form C-122-A
Revised April 20, 1955

Initial Deliverability Test

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-Pictured Cliffs Formation Pictured Cliffs County San Juan

Purchasing Pipeline El Paso Natural Gas Company Date Test Filed 8-1-58

Operator PAN AMERICAN PETROLEUM CORP. Lease Allen B. Noble "A" Well No. 1

Unit E Sec. 30 Twp. 28N Rge. 10W Pay Zone: From 1870 To 1930

Casing: OD 5-1/2" WT. 14# Set At 1870 Tubing: OD 1-1/4" WT. 2.3# T. Perf. 1886

Produced Through: Casing X Tubing Gas Gravity: Measured 0.637* Estimated

Date of Flow Test: From 7-15-58 To 7-22-58 * Date S.I.P. Measured 3-24-58

Meter Run Size 4" Orifice Size 0.750" 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 (6.75*) ^{2} x sp. const. 5	= 228	psia	(g)
Corrected seven day avge. meter press. (P_f) (g) + (e)	= 228	psia	(h)
P_t = (h) + (f)	= 228	psia	(i)
Wellhead casing shut-in pressure (Dwt) 292	psig + 12 = 304	psia	(j)
Wellhead tubing shut-in pressure (Dwt)	psig + 12 =	psia	(k)
P_c = (j) or (k) whichever well flowed through	= 304	psia	(l)
Flowing Temp. (Meter Run) 78* °F + 460	= 538	°Abs	(m)
P_d = ½ P_c = ½ (l)	= 152	psia	(n)

FLOW RATE CALCULATION

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

DELIVERABILITY CALCULATION

$$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{69,312}{40,432} \right]^n = 1,582 = 133 \text{ MCF/da.}$$

SUMMARY

P_c =	304 psia	Company	PAN AMERICAN PETROLEUM CORPORATION
Q =	84 Mcf/day	By	L. M. Bauer, Jr.
P_w =	288 psia	Title	Field Engineer
P_d =	152 psia	Witnessed by	
D =	133 Mcf/day	Company	

* This is date of completion test.

* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

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

*Furnished by pipeline company

DELIVERABILITY TEST AFTER WORKOVER

RECEIVED
AUG 18 1958
OIL CON. COM.
DIST.