

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 Ballard Pictured Cliff Formation Pictured Cliff County San Juan
Purchasing Pipeline El Paso Natural Gas Company Date Test Filed _____

Operator El Paso Natural Gas Lease Ge-Ele-Gu-Lith-E Well No. 1
Unit M Sec. 7 Twp. 26N Rge. 8W Pay Zone: From 1880 To 1910
Casing: OD 5½ WT. 15.5 Set At 1990 Tubing: OD 2 WT. 4.7 T. Perf. 1870
Produced Through: Casing X Tubing _____ Gas Gravity: Measured .660 Estimated _____
Date of Flow Test: From 2/20 To 2/28/57 * Date S.I.P. Measured 9/19/56
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 (6.90)² x sp. const. 5 = 238 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) = 238 psia (h)
P_t = (h) + (f) = 238 psia (i)
Wellhead casing shut-in pressure (Dwt) 612 psig + 12 = 624 psia (j)
Wellhead tubing shut-in pressure (Dwt) 612 psig + 12 = 624 psia (k)
P_c = (j) or (k) whichever well flowed through = 624 psia (l)
Flowing Temp. (Meter Run) 54 °F + 460 = 514 °Abs (m)
P_d = ½ P_c = ½ (l) = 312 psia (n)

Q = _____ X $\left(\frac{\text{FLOW RATE CALCULATION}}{\frac{\sqrt{(c)}}{\sqrt{(d)}}} = \frac{\text{_____}}{\text{_____}} = \text{_____} \right)^* = \text{598} \text{ MCF/da}$
(integrated)

DELIVERABILITY CALCULATION

D = Q 598 $\left[\frac{(P_c^2 - P_d^2) = \text{292,032}}{(P_c^2 - P_w^2) = \text{332,732}} \right]^n \frac{.8776}{.8949} = \text{535} \text{ MCF/da.}$

SUMMARY

P_c = 624 psia
Q = 598 Mcf/day
P_w = 238 psia
P_d = 312 psia
D = 535 Mcf/day

Company El Paso Natural Gas Company
By H.C. Mc Bride
Title _____
Witnessed by _____
Company _____

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

REMARKS OR FRICTION CALCULATIONS

GL	(1-e ^{-S})	(FcQ)2	(FcQ)2 R2	(1-e ^{-S})	Pt ² (Column i)	Pt ² + R2	Pw
			FRICTION NEGLIGIBLE				

D @ 250 = 580

OK



RECEIVED
 MAY 19 1934
 U.S. DEPT. OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 ALBUQUERQUE, N.M.
 FROM: [illegible]
 TO: [illegible]
 SUBJECT: [illegible]

OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. Copies Received		3
DISTRIBUTION		
	NO. FURNISHED	
Operator		
Santa Fe	1	
Proration Office		
State Land Office		
U. S. G. S.	1	
Transporter		
File	1	✓

