

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 Formation PICTURED CLIFFS County SAN JUAN
Purchasing Pipeline EL PASO NATURAL GAS COMPANY Date Test Filed 4-18-56
Operator J. GLENN TURNER Lease HUERFANITO UNIT Well No. 36-35
Unit F Sec. 35 Twp. 27N Rge. 9W Pay Zone: From 2211 To 2295
Casing: OD 5-1/22 WT. 14# Set At 2216 Tubing: OD 1" WT. 1.7# T. Perf. 2268
Produced Through: Casing XX Tubing _____ Gas Gravity: Measured 0.639 Estimated _____
Date of Flow Test: From 3-8-56 To 3-16-56 * Date S.I.P. Measured 2-4-56
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 (7.95) ² x sp. const. 5 _____ = 316 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = 316 psia (h)
P_t = (h) + (f) _____ = 316 psia (i)
Wellhead casing shut-in pressure (Dwt) 669 psig + 12 = 681 psia (j)
Wellhead tubing shut-in pressure (Dwt) 669 psig + 12 = 681 psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 681 psia (l)
Flowing Temp. (Meter Run) 44 °F + 460 _____ = 504 °Abs (m)
P_d = ½ P_c = ½ (l) _____ = 341 psia (n)

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

DELIVERABILITY CALCULATION
D = Q 172 $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$ 166 MCF/da.
9612
0.963

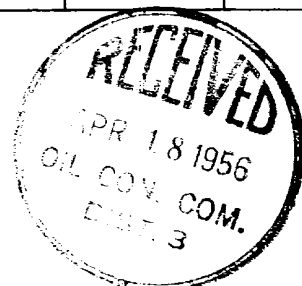
SUMMARY
P_c = 681 psia
Q = 172 Mcf/day
P_w = 316 psia
P_d = 341 psia
D = 166 Mcf/day

Company J. GLENN TURNER
By Virgil P. Baker
Title Engineer
Witnessed by _____
Company _____

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

REMARKS OR FRICTION CALCULATIONS

GL	(1-e ^{-s})	(F _c Q) ²	(F _c Q) ² (1-e ^{-s}) R ²	P _t ² (Column i)	P _t ² + R ²	P _w
			Friction negligible			



RECEPTION COMMISSION		
CONTROL OFFICE		
	3	
	1	
	1	
	1	✓