

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 BALLAND Formation PICTURED CLIFFS County SAN JUAN
Purchasing Pipeline EL PASO NATURAL GAS COMPANY Date Test Filed 4-17-56

Operator J. CLINE TURNER Lease UNDEVELOPED UNIT Well No. 26-33
Unit P Sec. 26 23 Twp. 27N Rge. 3E 9W Pay Zone: From 2306 To 2376
Casing: OD 3-1/2" WT. 14" Set At 2312 Tubing: OD 1" WT. 1.75 T. Perf. 2384
Produced Through: Casing X Tubing _____ Gas Gravity: Measured 0.655 Estimated _____
Date of Flow Test: From 3-8-56 To 3-16-56 * Date S.I.P. Measured 10-6-56
Meter Run Size 4" Orifice Size 1.000 Type Chart 24. 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 (7.9) ² x sp. const. 5 _____ = 312 psia (g)
Corrected seven day avg. meter press. (p_f) (g) + (e) _____ = 312 psia (h)
P_t = (h) + (f) _____ = 312 psia (i)
Wellhead casing shut-in pressure (Dwt) 622 psig + 12 = 624 psia (j)
Wellhead tubing shut-in pressure (Dwt) 621 psig + 12 = 623 psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 624 psia (l)
Flowing Temp. (Meter Run) 47 °F + 460 _____ = 507 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) _____ = 312 psia (n)

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

DELIVERABILITY CALCULATION

D = Q 209 $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{292,000}{292,000} \right]^n \frac{1}{1} = \text{_____ MCF/da.}$

SUMMARY

P_c = 624 psia
Q = 209 Mcf/day
P_w = 312 psia
P_d = 307 312 psia
D = 209 209 Mcf/day

Company J. CLINE TURNER
By Walter P. Drake
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 1)	P _t ² + R ²	P _w
			Friction negligible			

OK



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