

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

Operator El Paso Natural Gas Lease Albino Well No. 2-A
Unit 7 Sec. 6 Twp. 25 Rge. 7 Pay Zone: From 2762 To 2861
Casing: OD 5 1/2 WT. 15.5 Set At 2925 Tubing: OD 1 1/2 WT. 2.3 T. Perf. 2836
Produced Through: Casing X Tubing _____ Gas Gravity: Measured .685 Estimated _____
Date of Flow Test: From 4/30/57 To 5/9/57 * Date S.I.P. Measured 8/14/56 (21 days)
Meter Run Size 4 Orifice Size 1.500 Type Chart 84, B1 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 (7.15) ² x sp. const. 5 _____ = 256 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = 256 psia (h)
P_t = (h) + (f) _____ = 256 psia (i)
Wellhead casing shut-in pressure (Dwt) 598 psig + 12 = 610 psia (j)
Wellhead tubing shut-in pressure (Dwt) 598 psig + 12 = 610 psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 610 psia (l)
Flowing Temp. (Meter Run) 56 °F + 460 _____ = 516 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) _____ = 305 psia (n)

FLOW RATE CALCULATION

Q = _____ X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} \right)^* = \underline{535}$ MCF/da
(integrated)

DELIVERABILITY CALCULATION

D = Q 535 $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \underline{494}$ MCF/da.
279,075 .9203
306,564 .9232

SUMMARY

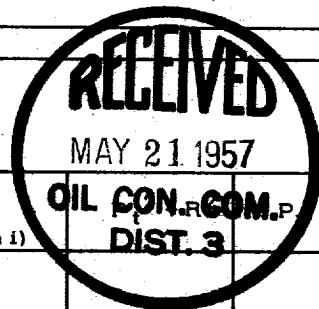
P_c = 610 psia
Q = 535 Mcf/day
P_w = 256 psia
P_d = 305 psia
D = 494 Mcf/day

Company El Paso Natural Gas Company
By Louis D. Galloway
Title _____
Witnessed by _____
Company _____

* This is date of completion test. 4/30/57
* Meter error correction factor _____

REMARKS OR FRICTION CALCULATIONS

GL	(1-e ^{-S})	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	P _t ²	(Column i)
			R ²		



D @ 250 = 530

OK

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