

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)

70-589

Pool Blanco Formation Mesa Verde County San Juan
Purchasing Pipeline El Paso Natural Gas Date Test Filed _____

Operator El Paso Natural Gas Lease San Juan 32-9 Well No. 15
Unit L Sec. 9 Twp. 31 Rge. 9 Pay Zone: From 5333 To 5858
Casing: OD 7 WT. 20 Set At 5303 Tubing: OD 2 WT. 4.7 T. Perf. 5774
Produced Through: Casing X Tubing _____ Gas Gravity: Measured 660 Estimated _____
Date of Flow Test: From 5/22/58 To 5/30/58 * Date S.I.P. Measured 11/8/57
Meter Run Size _____ Orifice Size _____ Type Chart _____ Type Taps _____

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. 10 = 511 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) = 511 psia (h)
P_t = (h) + (f) = 511 psia (i)
Wellhead casing shut-in pressure (Dwt) 747 psig + 12 = 759 psia (j)
Wellhead tubing shut-in pressure (Dwt) 953 psig + 12 = 965 psia (k)
P_c = (j) or (k) whichever well flowed through = 759 psia (l)
Flowing Temp. (Meter Run) 71 °F + 460 = 531 °Abs (m)
P_d = ½ P_c = ½ (l) = 380 psia (n)

Q = _____ X $\left(\frac{\text{FLOW RATE CALCULATION}}{\frac{\sqrt{(c)}}{\sqrt{(d)}}} \right)^* = \underline{411} \text{ MCF/da}$
(integrated)

DELIVERABILITY CALCULATION

D = Q 411 $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \underline{521} \text{ MCF/da.}$
431681 1.3705
314960 1.2666

SUMMARY

P_c = 759 psia
Q = 411 Mcf/day
P_w = 511 psia
P_d = 380 psia
D = 521 Mcf/day

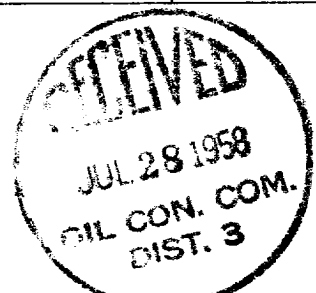
Company El Paso Natural Gas
By _____
Title _____
Witnessed by _____
Company _____

* 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			

D at 500 = 410



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THIS IS USED FOR RECORDING PICTURED CLIPPER MESSAGE DEL. & ALL BAKOTA
EXCEPT BAKKER DONE STORAGE AREA

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

DATE TESTED: 10/10/60
WELL NO.: 10000
TESTER: [illegible]

