

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)

70-558

Pool South Blanco Formation Dakota County Rio Arriba
Purchasing Pipeline El Paso Natural Gas Date Test Filed _____

Operator El Paso Natural Gas Lease Rincon Well No. 57
Unit A Sec. 1 Twp. 26 Rge. 7 Pay Zone: From 7192 To 7361
Casing: OD 7 WT. 23.0 Set At 7543 Tubing: OD 2 WT. 4.7 T. Perf. 7312
Produced Through: Casing _____ Tubing X Gas Gravity: Measured .695 Estimated _____
Date of Flow Test: From 10/7/58 To 10/15/58 Date S.I.P. Measured 5/15/58 (7 days)
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 (7.45) ² x sp. const. 10 = 555 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = 555 psia (h)
P_t = (h) + (f) _____ = 555 psia (i)
Wellhead casing shut-in pressure (Dwt) 1983 psig + 12 = 1995 psia (j)
Wellhead tubing shut-in pressure (Dwt) 1982 psig + 12 = 1994 psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 1994 psia (l)
Flowing Temp. (Meter Run) 76 °F + 460 _____ = 536 °Abs (m)
P_d = ½ P_c = ½ (l) _____ = 997 psia (n)

Q = _____ X $\left(\frac{\text{FLOW RATE CALCULATION}}{\sqrt{(d)}} \right)^* = \underline{915}$ MCF/da
(integrated)

DELIVERABILITY CALCULATION

D = Q 915 $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = \frac{2,982,027}{3,645,141}^n = \frac{.8181}{.8604} = \underline{787}$ MCF/da.

SUMMARY

P_c = 1994 psia
Q = 915 Mcf/day
P_w = 575 psia
P_d = 997 psia
D = 787 Mcf/day

Company El Paso Natural Gas
By Original Signed
Title Harold L. Kendrick
Witnessed by _____
Company _____

* This is date of completion test.

* Meter error correction factor

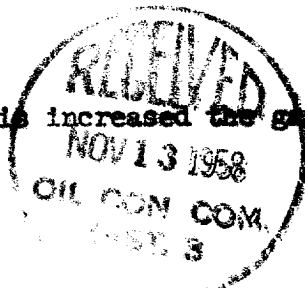
REMARKS OR FRICTION CALCULATIONS

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
5082	.309	74.012	22,870	308,025	330,895	575

D at 500 = 924

On 6/17/58 a BW16/64" Otis bottom hole choke was set at 7322. This increased the gas production from about 500 to about 700 MCF/D.

OK



NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET - SAN JUAN BASIN

TO BE USED FOR ABILITY AND PICTURED CLIFFS, MESSAGE, & ALL DATA
EXCEPT BAKED BONE STORAGE AREA

17-38

Location: El Paso Natural Gas County: El Paso Formation: Permian
Date Test Filed: 11/1/52 Well No.: 212
Test Type: Flow Test Duration: 10 min. Test Pressure: 100 psi
Test Temperature: 100 F. Test Depth: 100 ft. Test Interval: 10 min.
Test Results: 100 psi. 100 F. 100 ft. 10 min. 100 psi.

TEST DATA

1. 100 psi. 100 F. 100 ft. 10 min. 100 psi.
2. 100 psi. 100 F. 100 ft. 10 min. 100 psi.
3. 100 psi. 100 F. 100 ft. 10 min. 100 psi.
4. 100 psi. 100 F. 100 ft. 10 min. 100 psi.
5. 100 psi. 100 F. 100 ft. 10 min. 100 psi.
6. 100 psi. 100 F. 100 ft. 10 min. 100 psi.
7. 100 psi. 100 F. 100 ft. 10 min. 100 psi.
8. 100 psi. 100 F. 100 ft. 10 min. 100 psi.
9. 100 psi. 100 F. 100 ft. 10 min. 100 psi.
10. 100 psi. 100 F. 100 ft. 10 min. 100 psi.

TEST DATA

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5. 100 psi. 100 F. 100 ft. 10 min. 100 psi.

TEST DATA

Test No.	Pressure (psi)	Temperature (F)	Depth (ft)	Duration (min)	Flow Rate (psi)
1	100	100	100	10	100
2	100	100	100	10	100
3	100	100	100	10	100
4	100	100	100	10	100
5	100	100	100	10	100

11-38 = 384

On 11/1/52 a test was run at 100 psi. The test results show a flow rate of 100 psi. The test was run for 10 minutes.

