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El Paso Natural Gas Company
El Paso, Texas

ADDRESS REPLY TO
POST OFFICE BOX 880
FARMINGTON, NEW MEXICO

November 4, 1965

Mr. Emery Arnold
New Mexico Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico

Dear Mr. Arnold:

Attached hereto are corrected copies of Initial Production Tests for four wells operated by El Paso Natural Gas Company. These corrected copies are being submitted because of an error in reporting gas volumes on each of these wells. You will note that the test represents the two sides of two dually completed wells. At the time that the previous tests were filed the Mesa Verde production was reported as Pictured Cliff and the Pictured Cliff production was reported as Mesa Verde.

The wells are:

San Juan 27-4 Unit No. 35 (MV & PC)	N 26-27-4
San Juan 27-4 Unit (No. 36) (MV & PC)	K 36-27-4

Corrected volume statements will be filed from our El Paso office.

If there are any questions concerning these tests please call on us.

Yours very truly,

EL PASO NATURAL GAS COMPANY

H. L. Kendrick
H. L. Kendrick
Area Gas Well Test Engineer

HLK:slm

cc: E. C. Arnold (3)
file



Initial
Deliverability Test

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

Pool TAPACITO Formation PC County RA
Well Name SJ 27-4 UNIT #35 PC 86530
Unit N S 26 T 27 R 4 Pay Zone 4136 To 4194 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 6464 Tubing O D 1.660 I D 1.380 L 4061 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia Period Of Test Flow From 05-08-65 To 05-16-65 SIP Measured 09-02-64

Deadweight Flowing Pressure, psia Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Chart (d)

Deadweight Shut-In Pressures, psia Meter Error Friction Loss
Casing (J) Tubing 1050 (k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 525 (g) Corrected 525 (h) p_t 525 (i) Gravity .679

G. L. = 2757 1-e^{-s} = .182 F_c 24.621 (F_cQ)² 35.796

(1-e^{-s}) (F_cQ)² = R² = 6515 P_i² = 275625 P_w² = 282140

Q = $\frac{243}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 243$

D=Q 243 $\times \left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_i^2)} \right]^n = \left[\frac{396900}{820360} \right]^n = \left(\frac{.4838}{.5395} \right)^n = 131$

REMARKS
CORRECTED COPY

SUMMARY

P_c = 1050
Q = 243
P_w = 531
P_d = 840
D = 131

Company EL PASO NATURAL GAS CO
By H.L. KENDRICK
Title AREA GAS WELL TEST ENGINEER
Witnessed By
Company



65281

2F
86530
3723

Initial
Deliverability Test

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

Pool TAPACITO Formation PC County RA
Well Name SJ 27-4 UNIT #36 PC 86528
Unit K S 36 T 27 R 4 Pay Zone 4082 To 4134 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 6410 Tubing O D 1.660 I D 1.380 L 4111 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia _____ Period Of Test Flow From 05-08-65 To 05-16-65 SIP Measured 08-06-64

Deadweight Flowing Pressure, psia _____ Flowing Pressure, psia _____
Casing _____ (a) Tubing _____ (b) Meter _____ (c) Chart _____ (d)

Deadweight Shut-In Pressures, psia _____ Meter Error _____ Friction Loss _____
Casing _____ (j) Tubing 1073 (k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia _____
Chart 511 (g) Corrected 511 (h) P_f 511 (i) Gravity .679

G. L. = 2791 1-e^{-s} = .184 F_c 24.621 (F_cQ)² 96.020

(1-e^{-s}) (F_cQ)² = R² = 17668 P_i² = 261121 P_w² = 278789

$$Q = \frac{398}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{1.0000}{1.0000} = 398$$

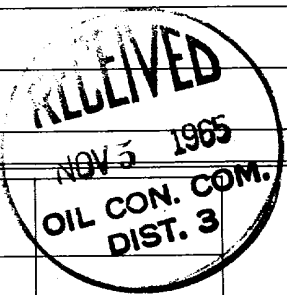
$$D=Q \times \left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n = \left[\frac{415165}{872540} \right]^n = \left(\frac{.4758}{.5319} \right)^n = 212$$

REMARKS
CORRECTED COPY

SUMMARY

P_c = 1073
Q = 398
P_w = 528
P_d = 858
D = 212

Company EL PASO NATURAL GAS CO
By H.L. KENDRICK
Title AREA GAS WELL TEST ENGINEER
Witnessed By _____
Company _____



65263							2F
							86528
							3725

1. The first part of the document is a list of names and addresses of the members of the committee. The names are written in a cursive hand, and the addresses are written in a more formal, printed hand. The list is organized in a table-like format with three columns: Name, Address, and a third column that is mostly blank.

2. The second part of the document is a list of names and addresses of the members of the committee. The names are written in a cursive hand, and the addresses are written in a more formal, printed hand. The list is organized in a table-like format with three columns: Name, Address, and a third column that is mostly blank.

3. The third part of the document is a list of names and addresses of the members of the committee. The names are written in a cursive hand, and the addresses are written in a more formal, printed hand. The list is organized in a table-like format with three columns: Name, Address, and a third column that is mostly blank.

4. The fourth part of the document is a list of names and addresses of the members of the committee. The names are written in a cursive hand, and the addresses are written in a more formal, printed hand. The list is organized in a table-like format with three columns: Name, Address, and a third column that is mostly blank.

5. The fifth part of the document is a list of names and addresses of the members of the committee. The names are written in a cursive hand, and the addresses are written in a more formal, printed hand. The list is organized in a table-like format with three columns: Name, Address, and a third column that is mostly blank.

6. The sixth part of the document is a list of names and addresses of the members of the committee. The names are written in a cursive hand, and the addresses are written in a more formal, printed hand. The list is organized in a table-like format with three columns: Name, Address, and a third column that is mostly blank.

7. The seventh part of the document is a list of names and addresses of the members of the committee. The names are written in a cursive hand, and the addresses are written in a more formal, printed hand. The list is organized in a table-like format with three columns: Name, Address, and a third column that is mostly blank.

8. The eighth part of the document is a list of names and addresses of the members of the committee. The names are written in a cursive hand, and the addresses are written in a more formal, printed hand. The list is organized in a table-like format with three columns: Name, Address, and a third column that is mostly blank.

9. The ninth part of the document is a list of names and addresses of the members of the committee. The names are written in a cursive hand, and the addresses are written in a more formal, printed hand. The list is organized in a table-like format with three columns: Name, Address, and a third column that is mostly blank.