WELL DELIVERABILITY TEST REPORT FOR YEAR 20___

Pool Name

Pool Slope

Formation

County

Operator

Well Name and Number

Unit Letter

Section

Township

Range

Purchasing Pipeline

Casing O.D. – Inches

Casing I.D. – Inches

Set at Depth – Feet

Tubing O.D. – Inches

Tubing I.D. – Inches

Top – Tubing Perf. - Feet

Gas Pay Zone

Well Producing Thru

Casing

Tubing

Gas Gravity

Gravity X Length

From

to

Date of Flow Test

Date Shut-in Pressure Measured

PRESSURE DATA – ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWt)

(b) Flowing Tubing Pressure (DWt)

(c) Flowing Meter Pressure (DWt)

(d) Flow Chart Static Reading

(e) Meter Error (Item c – Item d)

(f) Friction Loss

(g) Average Meter Pressure (Integr.)

(h) Corrected Meter Pressure (g = e)

(i) Avg. Wellhead Press. \( P_h = (h + \delta) \)

(j) Shut-in Casing Pressure (DWt)

(k) Shut-in Tubing Pressure (DWt)

(l) \( P_c \) – higher value of (j) or (k)

(m) Del. Pressure \( P_d \)

(n) Separator or Dehydrator Pr. (DWt)

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume – MCF/D

Quotient of

\[ \frac{\text{Item c}}{\text{Item d}} \]

\[ \sqrt{\frac{\text{Item c}}{\text{Item d}}} \]

Corrected Volume

\[ Q = \text{MCF/D} \]

WORKING PRESSURE CALCULATION

\[ R^2 = (1 - e^{-\delta}) (F,Q)a^3 (1000) \]

\[ P_w^2 = P_c^2 + R^2 \]

\[ P_w = \sqrt{P_w^2} \]

DELIVERABILITY CALCULATION

\[ D = Q \left[ \frac{P_c^2 - P_d^2}{P_w^2 - P_w^2} \right] \]

\[ = \left( \frac{P_c^2 - P_d^2}{P_w^2 - P_w^2} \right)^n \]

\[ = \left( \frac{P_c}{P_w} \right)^n \]

\[ = \text{MCF/D} \]

REMARKS:

SUMMARY

Item:

h

Psia

By:

Pc

Psia

Title:

Q

MCF/D

E-mail Address:

Pw

Psia

Witnessed By:

Pd

Psia

Company:

D

MCF/D

E-mail Address: