

1-11
1-12

Type Test

☒ Trial
☐ Actual
☐ Field

Test Date

2/27/81

Company

Deeco, Inc.

State

not connected

Well

Blanco

Formation

Mesaverde

Completion Date

2/20/81

Total Depth

5311'

First Break TD

5250'

Elevation

6619 G.L.

Owner or Lease Name

Burns Federal

Casing Size

1 1/2"

WT.

15.5#

Set At

5084'

Explorational

From 5084' To 5202'

Well No.

#2 (dual)

Tool Joint

1 1/2"

WT.

20.0#

Set At

5143'

Explorational

From To

B

26N

Type Well

Production - Oil or Gas or Both

Packer Set At

3930'

County

Sio Arriba

Protecting Zone

Thy.

Reservoir

6

Mean Annual Temp. °F

80

State

New Mexico

1.

H

G

% CO₂

% H₂

% H₂S

Prover

Water Run

FLOW DATA

NO.

Prover Line Size

X

Orifice Size

Press. p.s.i.g.

DWL. h_w

Temp. °F

Press. p.s.i.g.

Temp. °F

Press. p.s.i.g.

Temp. °F

Duration of Flow

1.

3/4"

3/4"

55.7 days

2.

3 hrs

3.

4.

5.

RATE OF FLOW CALCULATIONS

NO.

Coefficient (24 Hour)

$\sqrt{h_w P_m}$

Pressure P_m

Flow Temp. Factor Ft.

Gravity Factor F_g

Super Compress Factor

Duration of Flow

1.

12.3650

38

1.0039

1.0000

1.0000

55.7 days

2.

3.

4.

5.

NO.

P

Temp. °F

W

Z

Gas-Liquid Hydrocarbon Ratio

A. L. Gravity of Liquid Hydrocarbon

Specific Gravity of Gas

Specific Gravity Flowing Fluid

Critical Pressure

Critical Temperature

1.

2.

3.

4.

5.

P_c 1000

P_w 1.000 000

NO.

P_w

P_c

P_w²

P_c² - P_w²

1.

1444

120

14466

985,600

2.

3.

4.

5.

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.0146}{}$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.0109}{}$

(3) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{477}{}$

Absolute open flow

477

Heb 6 15.025

Angle of Slope

75

Remarks

Approved By

Controlled By

Calculated By

Checked By