

SCHULTZ Com B #6
SW/SW 16-29N-10W
MONTHLY GAS PRODUCTION ALLOCATION FORMULA

GENERAL EQUATION

$$Q_t = Q_{ftc} + Q_{pc}$$

WHERE: Q_t = Total Monthly Production (Mcf / Month)
 Q_{ftc} = Fruitland Coal (ftc) Monthly Production (Mcf / Month)
 Q_{pc} = Pictured Cliffs (pc) Monthly Production (Mcf / Month)

Rearranging the Equation to Solve for Q_{ftc} :

$$Q_{ftc} = Q_t - Q_{pc}$$

Any Production Rate Over What is Calculated for the Pictured Cliffs (Q_{pc}), Using the Applied Formula is Fruitland Coal Production (Q_{ftc}).

The Pictured Cliffs (Q_{pc}) Formation Production Formula is:

$$Q_{pc} = Q_{pci} \times e^{\{-(D_{pc}) \times (t)\}}$$

WHERE: Q_{pci} = Pictured Cliffs Initial Monthly Rate = 886 Mcf/M (Determined from the attached decline curve)
 D_{pc} = Pictured Cliffs Monthly Decline Rate Calculated from Decline Curve and Material Balance Analysis:
 D_{pc} = (0.0027/M)

THUS: $Q_{ftc} = Q_t - Q_{pci} \times e^{\{-(0.0027) \times (t)\}}$

NOTE: (t) is in Months

SCHULTZ COM B : 6 : PICTURED CLIFFS

* GAS 100
 * OIL 10
 * OIL/GAS 10
 * WATER 100

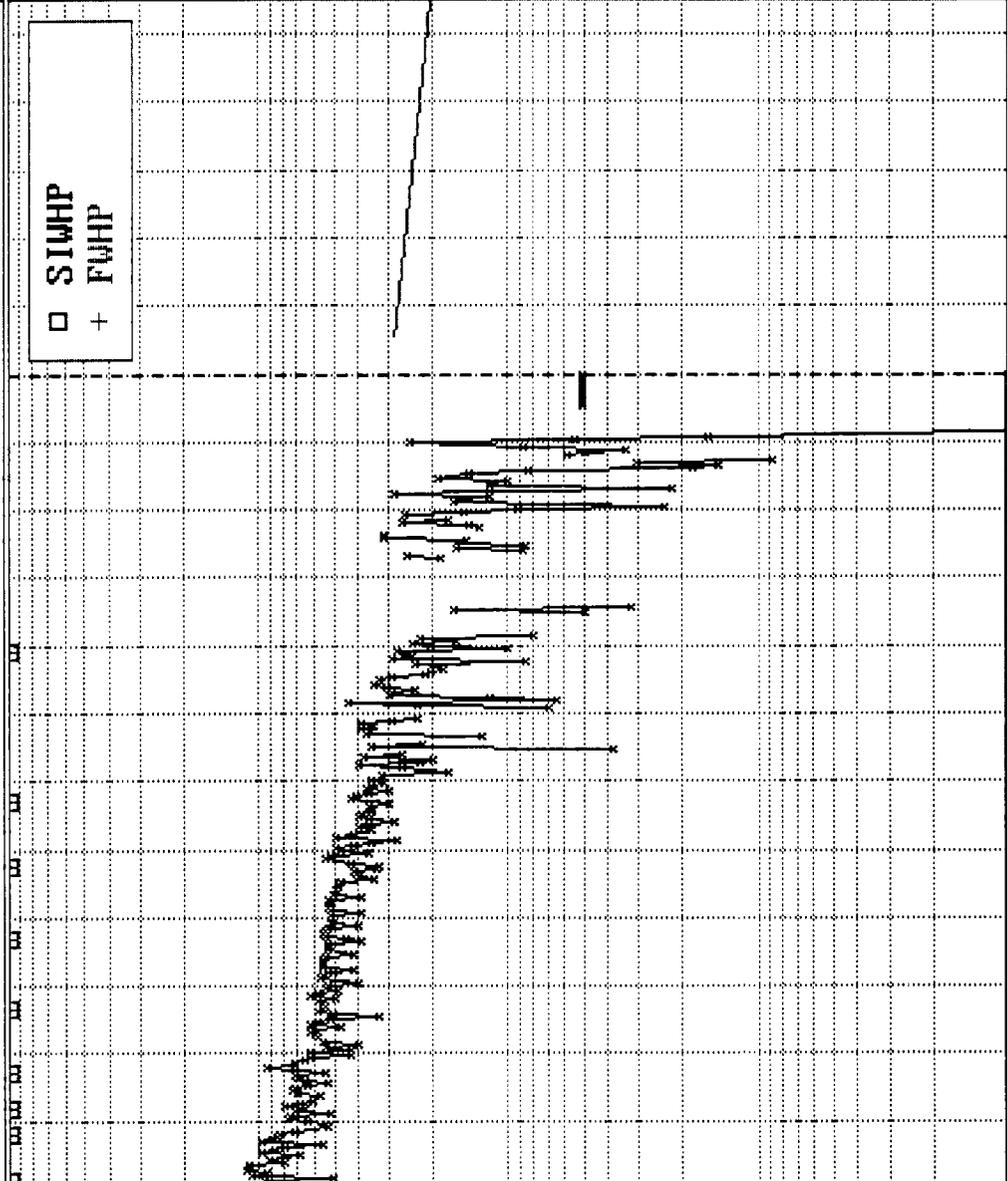
100 10 10 100

10 10 10 100

1 0.1 0.1 1

1 0.1 0.1 1

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Prop 46 *

*GAS Mcf/d
 *OIL Bbl/d
 *OIL/GAS
 *WATER Bbls/d

RateTime
 Semi Log

EUR 1,258,330

Cum 1,051,308

Rem 207,022

Rem% 16.5%

Yrs 32.33

Date 1/1/1995

Act 0

Qmo 886

Q 28.6

n 0

De 3.254

Qab 10

GetQual LJB

Major = GAS