Exhibit "A"

CASE NO. 11192

DIVISION ORDER NO. R-10312

MONTHLY GAS PRODUCTION ALLOCATION FORMULA

GENERAL EQUATION

$$Qt = Qftc + Qpc$$

WHERE:

Qt	=	**TOTAL MONTHLY PRODUCTION FROM WELL (MCF/MONTH)**
Qftc	=	**FRUITLAND COAL (FTC) MONTHLY PRODUCTION (MCF/MONTH)**
Qpc	=	**PICTURED CLIFFS (PC) MONTHLY PRODUCTION (MCF/MONTH)**

REARRANGING THE EQUATION TO SOLVE FOR Qftc:

$$Qftc = Qt - Qpc$$

ANY PRODUCTION RATE OVER WHAT IS CALCULATED FOR THE PICTURED CLIFFS (PC) USING THE APPLIED FORMULA IS FRUITLAND COAL (FTC) PRODUCTION.

PICTURED CLIFFS (PC) FORMATION PRODUCTION FORMULA IS:

$$Qpc = Qpci * e^{-(Dpc)*(t)}$$

WHERE:

Qpci	=	INITIAL PC MONTHLY FLOW RATE = **763 MCF/M** (AS DETERMINED BY DECLINE CURVE).
Dpc	=	PICTURED CLIFFS MONTHLY DECLINE RATE CALCULATED FROM DECLINE CURVE AND MATERIAL BALANCE ANALYSIS = **0.0024**:

THUS: $Qftc = Qt - Qpci * e^{-(0.0024)*(t)}$

WHERE: (t) = TIME (MONTHS) FROM INITIAL PRODUCTION

REFERENCE: Thompson, R. S., and Wright, J. D., "Oil Property Evaluation", pages 5-2, 5-3, 5-4.