EXHIBIT 6

HANKS #501

MONTHLY GAS PRODUCTION ALLOCATION FORMULA

GENERAL EQUATION:

$$Qt = Qftc + Qpc$$

WHERE: Qt = TOTAL MONTHLY PRODUCTION (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:*

$$Qpc = Qpci * e \wedge \{-(D)*(t)\}$$

WHERE: Qpci = INITIAL PC MONTHLY FLOW RATE (CALCULATED FROM FLOW TEST)

D = MONTHLY DECLINE RATE: (0.00667)

MONTHLY DECLINE RATE FROM FIELD ANALOGY

ANNUAL DECLINE = 8.0%

THUS:

$$Qpc = Qpci * e \wedge \{-(0.00667)*(t)\}$$

$$Qftc = Qt - Qpci * e \wedge \{-(0.00667)*(t)\}$$

WHERE: (t) IS IN MONTHS

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

HANKS #501

DETERMINATION OF Qpci:

(INITIAL PICTURED CLIFFS MONTHLY PRODUCTION)

$$Qpci = Qt(1) * Qpc(p) \setminus \{Qpc(p) + Qftc(p)\}$$

WHERE:

Qt(1)=FIRST MONTH TOTAL PRODUCTION (MCF)

Qpc(p)=FINAL PICTURED CLIFFS PITOT GAUGE (MCFPD)

Qftc(p)=FINAL FRUITLAND COAL PITOT GAUGE (MCFPD)