

9. A formula for the allocation of production to each of the commingled zones and a description of the factors or data used in determining such a formula:

Blinebry Pool: Oil 9%, Gas 85.7%
 Drinkard Pool: Oil 100%, Gas 14.3%

The allocation of gas production to each zone is based on the ratios of current production.

$$Q_d = Q_t \frac{1 + \frac{Q_{bi}}{Q_{di}}}{Q_{di}} \quad \text{or} \quad Q_b = Q_t \frac{1 + \frac{Q_{di}}{Q_{di}}}{Q_{di}}$$

Q_t = Total well production, kcf.
 Q_b = Production from Blinebry, kcf/D.
 Q_d = Production from Drinkard, kcf/D
 Q_{bi} = Initial Blinebry rate, 36 kcf/D
 Q_{di} = Initial Drinkard rate, 6 kcf/D

Initial rates are based on 1985 average production.

100% of the oil production is expected to be from the Drinkard. The small amount of liquid column on the Blinebry is attributed to the packer leak. The Blinebry quit making oil several years ago.

10. A statement that all offset operators and, in case of a well on Federal land, the United States Geological Survey, has been notified in writing of the proposed commingling:

All offset operators (list attached) have been notified by copy of this application.

RECEIVED

DEC 30 1985

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