

**ATTACHMENT 5 - PAGE 1 OF 1**  
**PROPOSED ALLOCATION PROCEDURES**  
**DUGAN PRODUCTION CORP.'S**  
**PROPOSED LEAH MARIE GAS GATHERING SYSTEM**  
**CDP GAS SALES METER: NWSW 23-26N-12W (New El Paso Meter)**  
**SAN JUAN COUNTY, NEW MEXICO**

**Base Data:**

W = Gas Volume (MCF) from allocation meters at individual wells during allocation period.

X = Gas Volume (MCF) from CDP Sales Meter during allocation period.

Y = BTU's from CDP Sales Meter during allocation period.

Allocation Period is typically a calendar month and will be the same for all wells.

**1. Individual Well Gas Production = A + B + C + D + E**

A = Allocated Sales Volume, MCF. =  $(W / \text{SUM } W) \times X$

B = On lease fuel usage, MCF. Determined from equipment specification and operating conditions.

C = Purged and/or vented gas from well and/or lease equipment, MCF. Calculated using equipment specifications and pressures.

D = Allocated fuel from gathering system equipment, MCF. The total fuel required to operate gathering system equipment will be allocated to the individual wells benefiting from the equipment using allocation factors determined by  $W / \text{SUM } W$  for the wells involved.

E = Allocated volume of gas lost and/or vented from the gathering system and/or gathering system equipment, MCF. The total volume will be determined using industry accepted procedures for the conditions existing at the time of the loss. All volumes corresponding to liquid condensation within the gathering system will also be determined. The total volume lost and/or vented will be allocated to the individual wells affected using factors determined by  $W / \text{SUM } W$ .

**2. Allocated Individual Well BTU's =  $((W \times \text{Individual well BTU}) / \text{Sum } (W \times \text{individual well BTU})) \times Y$ .**

Individual well gas heating values to be determined in accordance with BLM regulations (currently On shore Order No. 5).