



STATE OIL AND GAS BOARD OF ALABAMA

Unit Reserve Calculation

01 - - -

Form OGB-23, Rev. 07/13 (File in duplicate)

Permit Number

API Number

Initial

Annual

Name of Operator _____

Address _____ City _____ State _____ Zip _____

1. Well name and number _____ 2. County _____

3. Well Location (surface) _____ (give footage from nearest section or offshore tract lines) _____ Section-Township-Range or Tract _____

4. Field (If wildcat, so state) _____ 5. Pool _____

6. Present allowable _____ Mcf/d

DATA & CALCULATIONS

Orig. Reservoir Pressure (P_o) _____ psia Orig. Reservoir Temperature (T_o) _____ °F Gas Sp. Gr. _____

Gas Compressibility Factor (Z_o) at Original Pressure (P_o) and Temperature (T_o) _____

Original Reservoir (P_o / Z_o) _____

Slope of Straight Line Material Balance (Absolute Value): m = _____

Well Initial (P_i / Z_i) _____

Initial Gas in Place (IGIP) = $\frac{(P_i / Z_i)}{m}$ = _____ Mcf*

Original Gas in Place Adjustment Factor = f = $\frac{P_o / Z_o}{P_i / Z_i}$ = _____

Original Gas in Place (OGIP) = (IGIP) (f) = _____ Mcf

Allowable = OGIP (Billion cubic feet) (e.g. 2.000) x 600 Mcf/d = _____ Mcf/d

Table with 3 columns: Person to contact regarding this form, Phone number, Fax number, E-mail address

Remarks:

* Mcf=1,000 cubic feet

Executed this the _____ day of _____, 20 _____ Signature _____

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he/she is duly authorized to make the above report and that he/she has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this _____ day of _____, 20 _____

SEAL My commission expires _____

Notary Public in and for _____ County, _____

