

R-5

PUBCO PETROLEUM CORPORATION
EXHIBIT NUMBER _____
CASE 2504 FEBRUARY 14, 1963

BASIN DAKOTA GAS RESERVOIR
GAS WELL'S SHARE of PRESENT POOL
ALLOWABLE COMPARED TO ITS
SHARE of PRESENT DEVELOPED POOL
RESERVES UNDER CURRENT FORMULA

75% Ax D plus 25% A

Based on a Study of 356 Wells

A. Each point on the graph used to establish the slope of the 75-25 line represents an average well within a reserve group. Reserve groups range from 0-1, 1-2, etc., billion cubic feet of present reserves.

B. Horizontal Scale

1. Total Developed Pool Reserves;
2,754,061 MMCF

C. Vertical Scale

1. Non Marginal Wells in the Pool with Deliverabilities as Shown in the January, 1963 Proration Schedule
 - (a) Pool allowable, 8,700,250 MCF
 - (b) Participating Ax D factors, 1003,869
 - (c) Acreage factors, 719.38
 - (d) Deliverability factors, 1,005,054
 - (e) Total non marginal wells; 723

