

CALCULATION OF ALLOWABLE FACTOR
DOUBLE CIRCLE METHOD

EAST FOOTAGE FACTOR (ORTHODOX WITH RESPECT TO EAST LINE)	1.00
NORTH FOOTAGE FACTOR ($\frac{2}{3}$ CLOSER TO NORTH LINE THAN LEGAL LOCATION)	0.33
ACREAGE ENCROACHMENT FACTOR (66 ACRES INCREASED DRAINAGE OUTSIDE PROPORTION UNIT AT UNORTHODOX LOCATION - THEREFORE 254 ACRES OR APPROXIMATELY 79% OF ITS THEORETICAL DRAINAGE LIES WITHIN THE AREA PERMITTED.)	0.79
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	2.12

$$2.12 / 3 = 71\%$$

ALLOWABLE FACTOR = 71% (PENALTY = 29%)

BEFORE EXAMINER CATANACH
OIL CONSERVATION DIVISION
EXHIBIT NO. <u>10B</u>
CASE NO. <u>9796</u>