

SPRINKLE FED #2

VOLUMETRIC CALCULATIONS

$$\phi = 10.3\%$$

$$h = 23 \text{ ft.}$$

$$S_w = 48.5\%$$

$$b_t = 1.483 \text{ RB/STB}$$

$$\text{R.F.} = 15\%$$

For 40 acres

$$R = \frac{7758 (.103) (1-.485) (23) (40) (.15)}{1.483}$$

$$R = 38,294 \text{ BBL}$$

8755

16

TXC

2-26-86