

SPRINKLE FED #1

VOLUMETRIC CALCULATIONS

$$\bar{\phi} = 11.6 \quad h = 30$$

$$\bar{S}_w = 37\%$$

$$B_t = 1.559 \quad \text{Recovery Factor} = .12$$

$$R = 7758 \quad \frac{h \bar{\phi} (1 - S_w) (R.F.) A}{B_t}$$

Recoverable Oil:

For 40 Acres

$$R = \frac{30 (.116) (1 - .37) (.12) (40)}{1.559} (7758)$$

$$R = 52 \ 368 \ BO$$

DEFORCE & COMPANY	
OIL COMPANY	
1-9-86	ENCLOSURE 8
CASE NO. 8783	