## RECOVERY CALCULATIONS EAST LUSK (BONE SPRING) FIELD LEA COUNTY, NEW MEXICO

OSTOIP =  $7758 \phi (1-Sw)$ 

 $7758 \times .065 \times (1-.3)$ 

= 257.7 STB/AF

## Assuming 160-acre drainage

OIP 160 Ac. :  $257.7 \times 16 \times 160 = 659,700 \text{ STB}$ 

Ult. Rec. : 200,000 STB Current Rec. : 105,000 STB

Rec. Eff. : 30.3% of OSTOIP Rec. Eff. : 15.9% of OSTOIP

## Assuming 80-acre drainage

OIP 80 Ac. :  $257.7 \times 16 \times 80 = 329,900$ 

Ult. Rec. : 200,000 STB Current Rec. : 105,000 STB

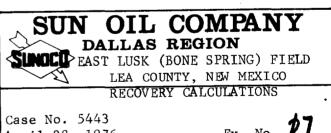
Rec. Eff. : 60.6% of OSTOIP Rec. Eff. : 31.8% of OSTOIP

## Assuming 40-acre drainage

OIP 40 Ac. :  $257.7 \times 16 \times 40 = 164,900$ 

Ult. Rec. : 200,000 STB Current Rec. : 105,000 STB

Rec. Eff. : 121.2% of OSTOIP Rec. Eff. : 63.7% of OSTOIP



Ex. No. 27 April 28, 1976

