

Volumetric Analysis
South Corbin Wolfcamp Field

West Corbin Unit #1

EUR = 233.3 MBO (based on performance)

h = 50'
Ø = 6%
Boi = 1.43 RB/STB
Sw = 30%
R.F. = 0.20

$$A = \frac{EUR (Boi)}{7758 \ Ø h (1-Sw) R.F.}$$
$$= \frac{233,300(1.43)}{7758(.06)(50)(1-0.30)0.20}$$

$$A = \underline{102.4 \text{ acres}}$$

West Corbin Unit #5

EUR = 303.7 MBO

h = 52'
Ø = 8%
Boi = 1.43 RB/STB
Sw = 32%
R.F. = 0.20

$$A = \frac{303,700(1.43)}{7758(0.08)(52)(1-0.32)0.20}$$

$$A = \underline{98.9 \text{ acres}}$$

West Corbin Unit #8

EUR = 81.2 MBO

h = 28'
Ø = 6%
Boi = 1.43 RB/STB
Sw = 30%
R.F. = 0.20

$$A = \frac{81,200(1.43)}{7758(0.06)(28)(1-0.30)0.20}$$

$$A = \underline{63.6 \text{ acres}}$$

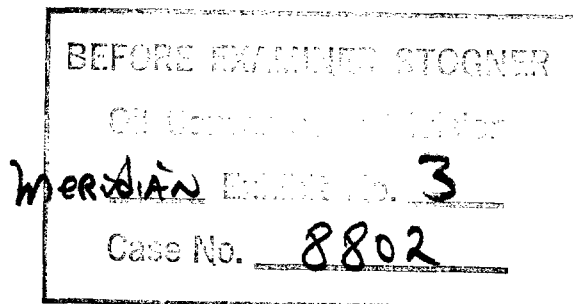
Huber "17" #1

EUR = 71.6 MBO

h = 28'
Ø = 6%
Boi = 1.43 RB/STB
Sw = 40%
R.F. = 0.20

$$A = \frac{71,600(1.43)}{7758(0.06)(28)(1-0.40)0.20}$$

$$A = \underline{65.5 \text{ acres}}$$



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Huber "17" #2

EUR = 72.5 MBO

h = 24'
Ø = 6%
Boi = 1.43 RB/STB
Sw = 0.40
R.F. = 0.20

$$A = \frac{72,500(1.43)}{7758(0.06)(24)(1-0.40)0.20}$$

$$A = \underline{77.3 \text{ acres}}$$

State "16" #1

EUR = 170.1 MBO

h = 47'
Ø = 6%
Boi = 1.50 RB/STB
Sw = 32%
R.F. = 0.20

$$A = \frac{170,100(1.5)}{7758(0.06)(47)(1-0.32)0.20}$$

$$A = \underline{85.5 \text{ acres}}$$