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James Doyle Sell Mining Collection

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Katherine

Sec. 5, T21N R21W Mohave Co.

Bull 131
UADRM

in mid '20 each '30 Produced

$$\begin{aligned} 142,857 \text{ tons} @ 0.25 \text{ Au} + 15 \text{ oz Ag} \\ = 35,714 \text{ Au} + 2,142,855 \text{ Ag} \\ \approx 107,143 \\ = 142,857 \text{ oz Au eq.} \end{aligned}$$

One run \$14/ton = \$2 mill prod.

$$\begin{aligned} \text{tons} \times \overset{.25}{\text{Au}} \times \$20 &= \$714,285 \\ \text{tons} \times \overset{15}{\text{Ag}} \times \$0.60 &= 1,285,713 \\ \hline & \$1,999,998 \end{aligned}$$

3 1/2 parts Au to 6 1/2 parts Ag, Ave value \$14/ton

$$\frac{3.5 \text{ parts}}{10 \text{ parts}} \times \frac{\$14 \text{ Au}}{\$14} = \$4.90 \text{ Au} / \frac{1}{20} \text{ vol} = 0.25 \text{ oz Au}$$

$$\frac{6.5}{10} \times \frac{\$14 \text{ Ag}}{14} = \$9.10 \text{ Ag} / 0.60 \text{ vol} = 15 \text{ oz Ag}$$