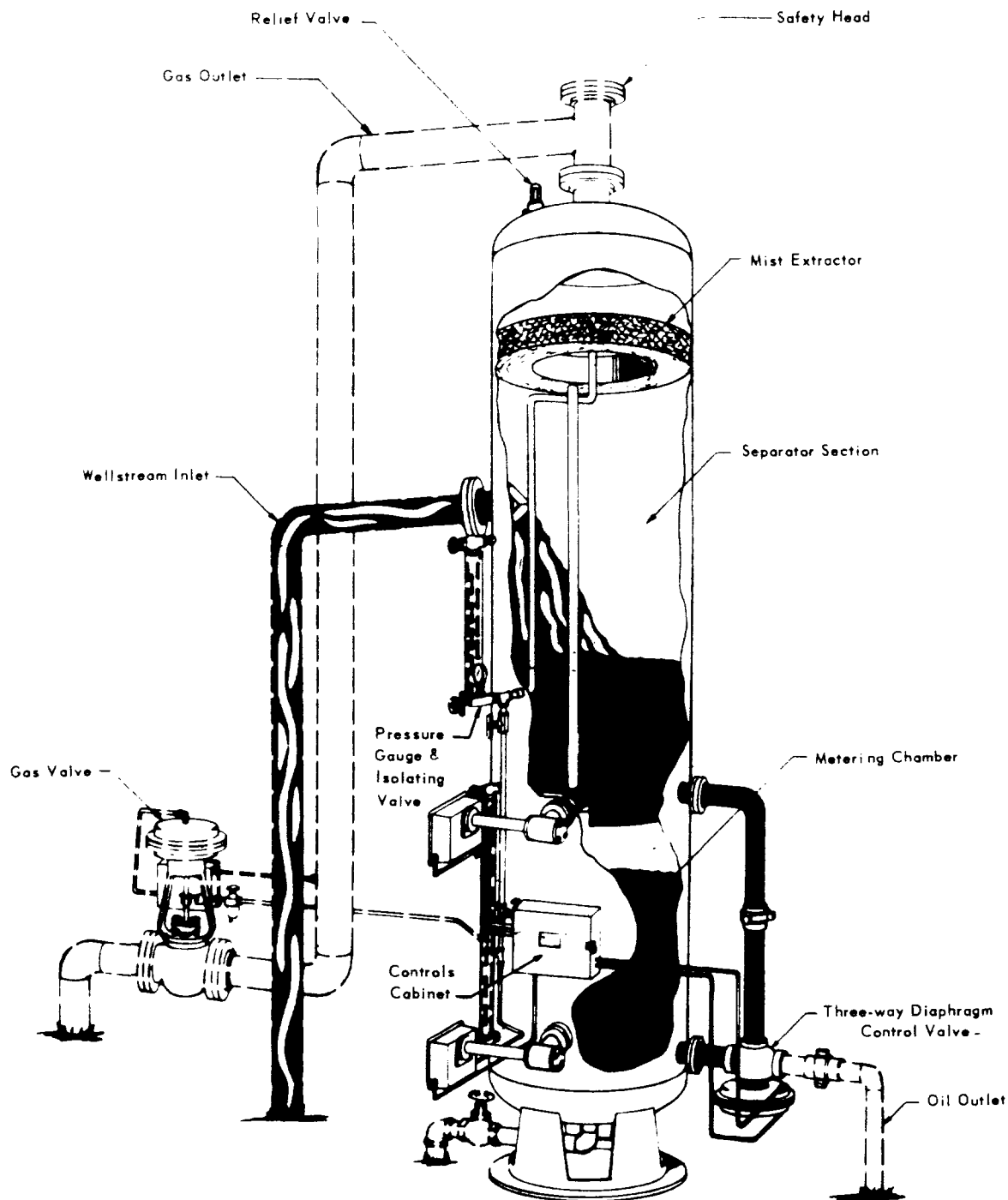


VERTICAL METERING SEPARATOR  
(2 Phase)

BEFORE EXAMINER NUTTER  
OIL CONSERVATION COMMISSION  
EXHIBIT NO. 446  
CASE NO. 2764



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UNITED STATES SMELTING REFINING AND MINING COMPANY'S  
Federal 11-20-34 No. 1 Well

Estimated Savings by Commingling the  
Bone Springs and Pennsylvanian

Additional SEPARATE Storage Facilities - Pennsylvanian:

2-300 Bbl. w/cone bottom welded tanks	\$2,982.54
1-30" x 10' L. P. Separator	980.00
Labor and materials	600.00
Total	<u>\$4,562.54</u>

COMMINGLING Bone Springs and Pennsylvanian:

Pennsylvanian:	
BS&B Metering Separator, 2 VMS 301-10.2	\$1,115.28
Labor and materials	75.00
Total	<u>\$1,190.28</u>

Saving by Commingling - Estimated	\$3,372.26
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