



- NOTES:
1. VALVE NORMALLY OPEN
  2. VALVE NORMALLY CLOSED
  - GLOBE VALVE
  - STEAM JACKETED LINE
  - STEAM TRACED LINE
  - ELECTRICALLY TRACED LINE
  - EXCEPT FOR TANKAGE, PLANTS 15 AND 25 ARE IDENTICAL. TANKAGE IS COMMON TO BOTH PLANTS AND IS INCLUDED IN PLANT 15. THIS DRAWING SHOWS ONLY PLANT 15. VENT GAS K.O. DRUM, V-1500, AND BOILER BLOWDOWN DRUMS, V-1501, V-1599 AND V-1502, ARE COMMON TO BOTH PLANTS.
  - THIS DRAWING SHOWS ONLY THAT INSTRUMENTATION REQUIRED FOR PROCESS CONTROL, PROCESS TECHNICAL SERVICE, AND PROCESS EVALUATION. IT DOES NOT SHOW ALL REQUIRED PRESSURE GAUGES, LEVEL GAUGES, THERMOWELLS, SAFETY DEVICES, ETC.
  - IF ANY DISCREPANCIES BETWEEN THIS DRAWING AND THE CURRENT REVISION OF THE P AND IO'S ARE DISCOVERED, THE P AND IO SHOULD BE CONSIDERED CORRECT.
  - LINE NUMBERS CORRESPOND TO STOCK BALANCE ON DRAWINGS RS 833047-1 AND RS 833048-1 IN THE "PROCESS DESIGN FOR CONSTRUCTION." FLOW RATES AND OPERATING CONDITIONS CORRESPOND TO "NORMAL OPERATION" - CASE II.
  - COMBUSTION AIR VENT REQUIRED TO PROTECT COMBUSTION AIR BLOWER FROM SURGING AT HIGH TURNDOWN.
  - PLANT 24 TAIL GAS IS FED TO PLANT 25.

REFERENCE DRAWINGS:  
 RD 844219 - PROCESS FLOW AND CONTROL DIAGRAM, WATER WASH AND CAUSTIC DEACIDIFICATION (PLANT 17)  
 RD 844702 - PROCESS FLOW AND CONTROL DIAGRAM, Sulfur Absorbers and Regeneration (PLANTS 11 AND 21)  
 RF 844789 - PROCESS FLOW AND CONTROL DIAGRAM, Sulfur Recovery Units (PLANTS 14 AND 24)  
 RF 845485 - PROCESS FLOW AND CONTROL DIAGRAM, TAIL GAS TREATING (PLANTS 15 AND 25)  
 RS 833047-1 - PROCESS FLOW DIAGRAM (WITH STOCK BALANCE), TAIL GAS TREATING (PLANTS 15 AND 25)  
 RS 833048-1 - PROCESS FLOW DIAGRAM (WITH STOCK BALANCE), TAIL GAS TREATING (PLANTS 15 AND 25)

REVISION		SCALE	DATE
		NONE	12/06/84
		DR LHW	CH
			ENG. JMN

**CHEVRON**  
 CHEVRON RESEARCH COMPANY  
 PROCESS ENGINEERING DEPT.  
 PROCESS DESIGN DIVISION

FIGURE 3.0-1  
 SIMPLIFIED PROCESS FLOW DIAGRAM  
 PLANTS 15 AND 25 - TAIL GAS TREATING  
 GAVIOTA GAS PLANT  
 S.Q. 30046      **RF 845474**      REVISION

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