



- NOTES:
1. MMSCFD = 1,000,000 STANDARD CUBIC FEET PER DAY  
 MMHB = 1,000,000 BTU PER HOUR  
 GPM = U.S. GALLONS PER MINUTE AT FLOW  
 BPOD = BARRELS PER OPERATING DAY AT 60°F  
 VALVE NORMALLY OPEN  
 VALVE NORMALLY CLOSED
  2. MOLECULAR SIEVE DRYERS V-1630 A&B OPERATING CYCLE IS AS FOLLOWS:
 

OPERATION	TIME, HOURS
A. DRY	24
B. REGENERATION	2
DRAIN	8
HEAT	2
COOL AND FILL	6
CONTINGENCY	8
	24
  3. FLOW RATES AND CONDITIONS SHOWN CORRESPOND TO ONE OF THE DRYERS BEING IN THE DRYING MODE WHILE THE OTHER IS IN THE HEATING (REGENERATION) MODE.

REFERENCE DRAWINGS:  
 RF 84499 - PROCESS FLOW DIAGRAM - LOW TEMP. SEPARATION AND DEETHANIZER  
 RF 844501 - PROCESS FLOW DIAGRAM - ETHYLENE GLYCOL REGENERATION SYSTEM  
 RF 844191 - PROCESS FLOW DIAGRAM - LIQUIDS TREATING SECTION  
 RF 844497 - PROCESS FLOW DIAGRAM - INTAKE SEPARATOR AND CONDENSATE STRIPPING  
 RF 844500 - PROCESS FLOW DIAGRAM - C<sub>3</sub> REFRIGERATION SYSTEM

REVISION		SCALE	DATE
		NONE	10/12/84

CHEVRON  
 CHEVRON RESEARCH COMPANY  
 PROCESS ENGINEERING DEPT.  
 PROCESS DESIGN DIVISION

SIMPLIFIED PROCESS FLOW DIAGRAM  
 FRACTIONATION SECTION  
 PLANT 16 - GAS PROCESSING SECTION  
 GAVIOTA GAS PLANT  
 SQ.30042 RF 844503 REVISION

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