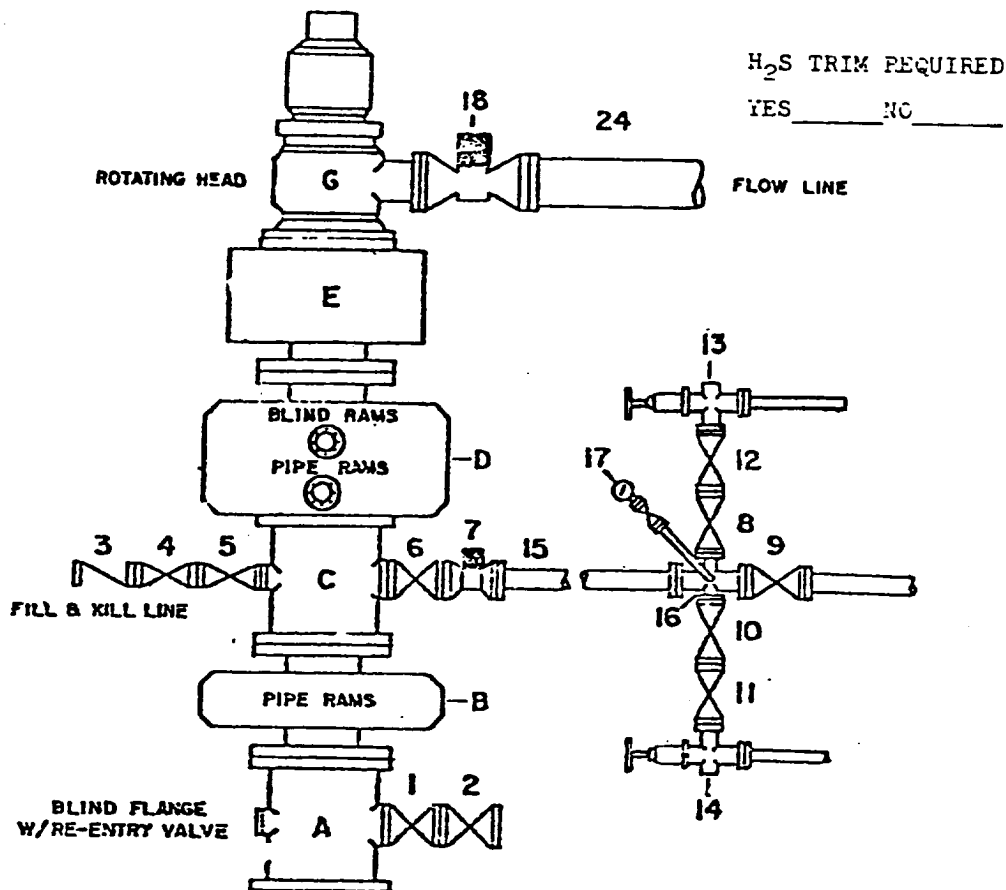


# DRILLING CONTROL CONDITION IV-B-5000 PSI WP



## DRILLING CONTROL MATERIAL LIST - CONDITION IV-B

- |                      |  |
|----------------------|--|
| A                    | Texaco Wellhead  |
| B                    | 5000# Single Ram type preventer, hydraulic operated with 1" steel, 5000# W.P. control lines                            |
| C                    | 5000# W.P. Drilling Spool with a minimum 2" flanged outlet for kill line and 3" minimum flanged outlet for choke line. |
| D                    | 5000# W.P. Dual Ram Type preventer, hydraulic operated with 1" steel, 5000# W.P. control lines                         |
| E                    | 5000# W.P. Annular Preventer, hydraulic operated with 1" steel, 3000# W.P. control lines                               |
| F                    | Bell Nipple with flowline and fill-up outlets (kill line may also be used for fill-up line).                           |
| 1,2,4,5, 8,10,11, 12 | 2" minimum 5000# W.P. flanged full opening steel gate valve or Halliburton Lo Torc plug valve                          |
| 3                    | 2" minimum 5000# W.P. back pressure valve  |
| 6,9                  | 3" minimum 5000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve                         |
| 7                    | 3" minimum 5000# W.P. flanged hydraulic valve  |
| 15                   | 3" minimum Schedule 160, Grade B, seamless line pipe   |
| 16                   | 2" minimum x 3" minimum 5000# W.P. flanged cross   |
| 13,14                | 2" minimum 5000# W.P. adjustable chokes with carbide trim  |
| 17                   | Cameron Mud Gauge or equivalent (location in choke line optional.)   |
| 18                   | 6" minimum 1000# hydraulic flanged valve   |
| 24                   | 8" minimum steel flow line   |



TEXACO, INC.  
PRODUCING DEPARTMENT-U.S. (CENT.)  
MIDLAND, TEXAS



SCALE: \_\_\_\_\_ DATE: \_\_\_\_\_ EST. NO. \_\_\_\_\_ DRG. NO. \_\_\_\_\_

DRAWN BY \_\_\_\_\_

CHECKED BY \_\_\_\_\_

APPROVED BY \_\_\_\_\_

EXHIBIT F



H<sub>2</sub>S Trim Required  
Yes \_\_\_\_\_ No \_\_\_\_\_

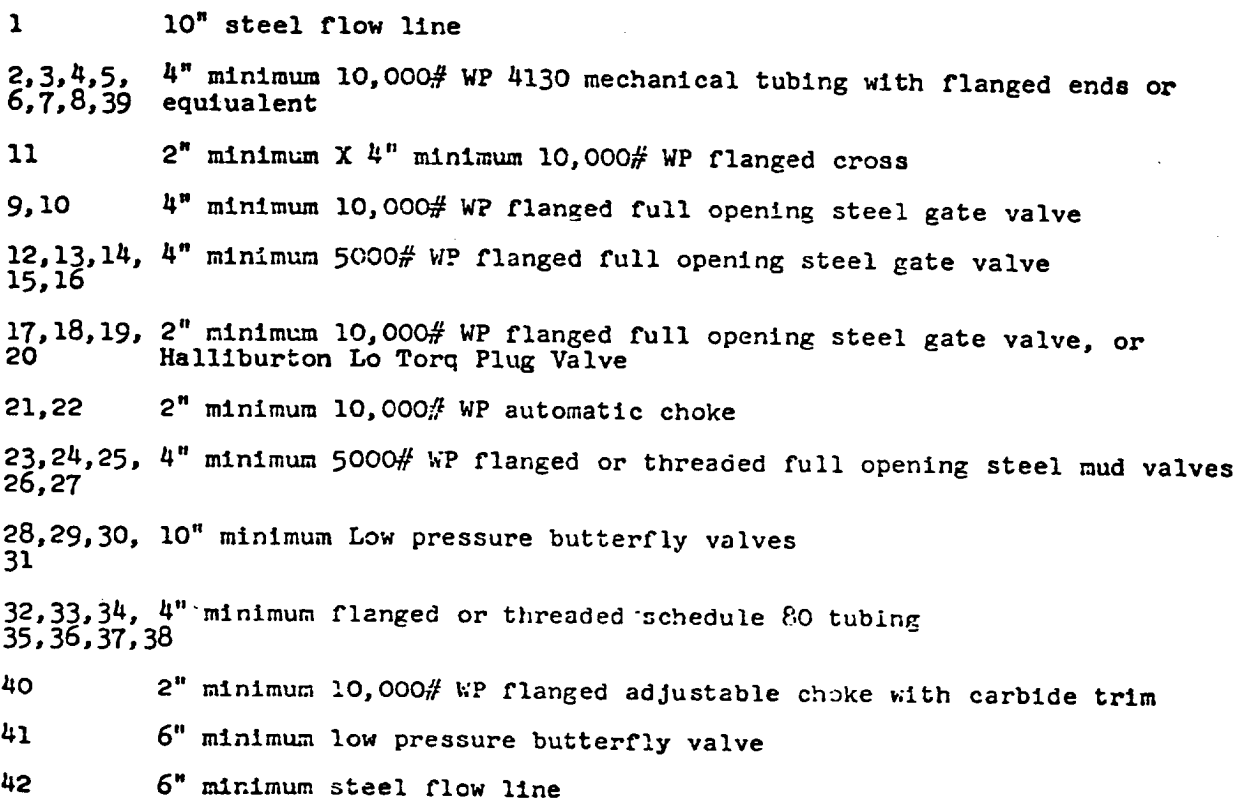


EXHIBIT J

SCALE:	DATE	EST. NO.	DRG. NO.
DRAWN BY			
CHECKED BY			
APPROVED BY			

78-5-5-8270  
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