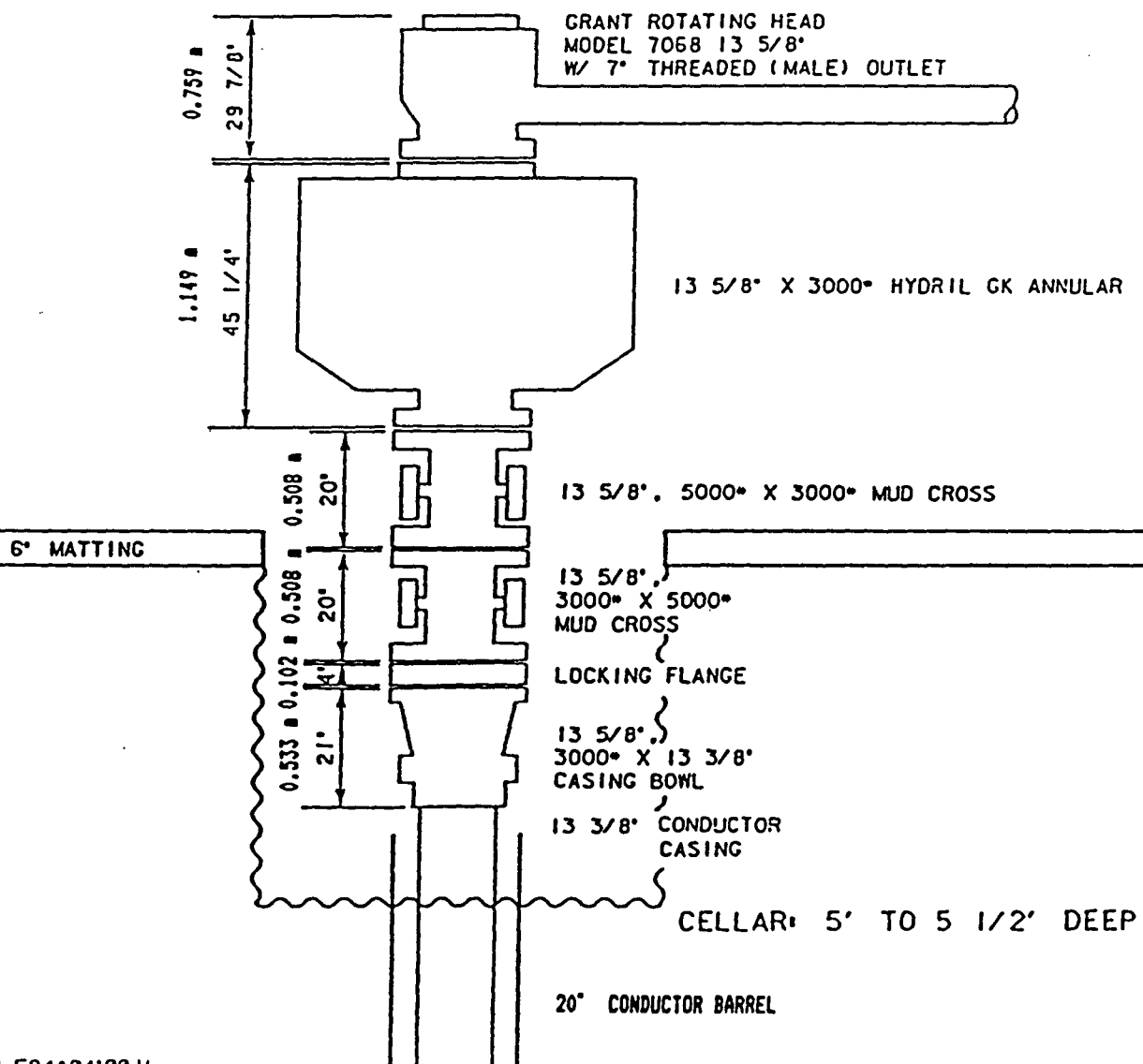


WELL CONTROL
EQUIPMENT

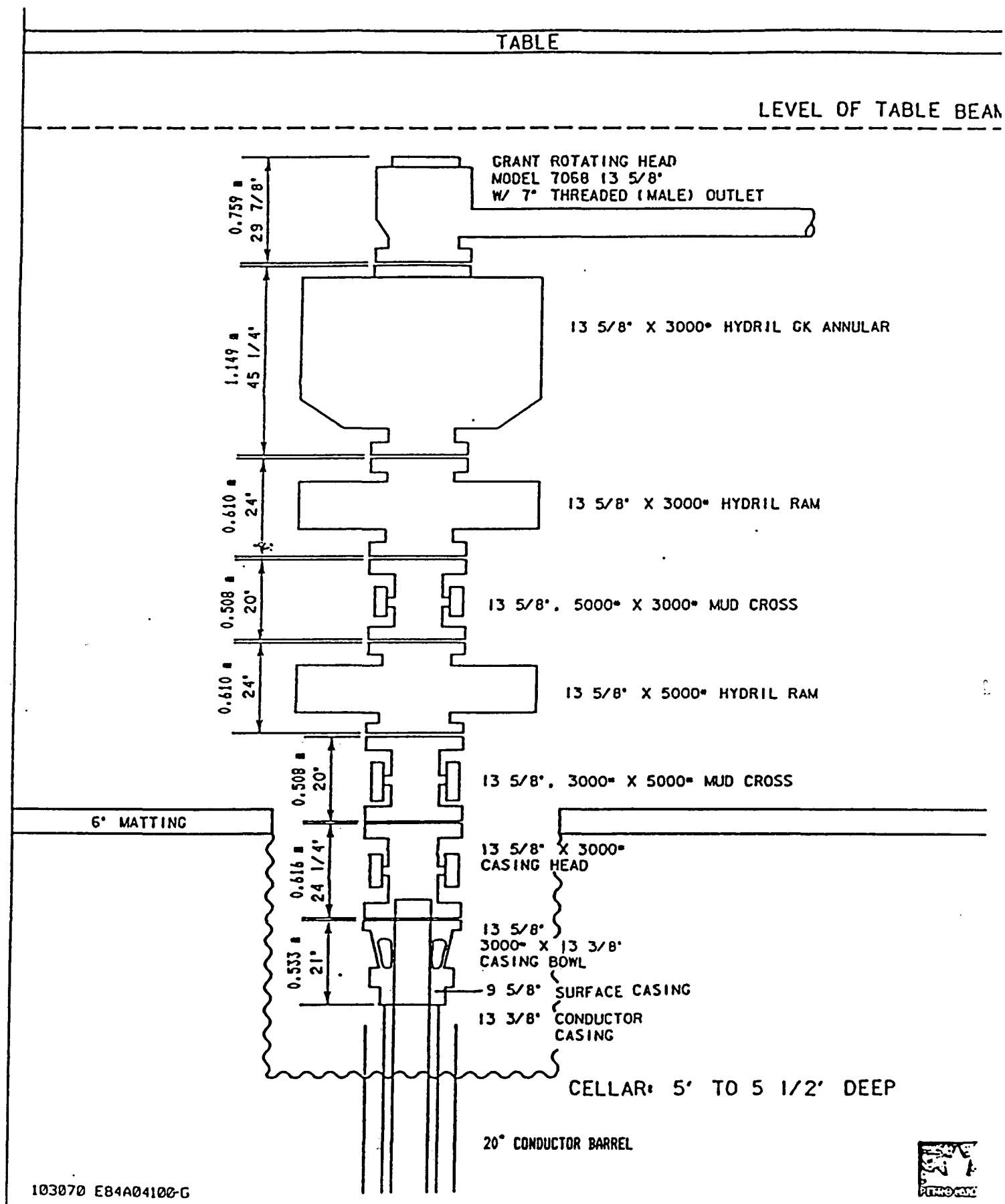
TWEED LAKE M-47

DIVERTER CONFIGURATION WHILE DRILLING 311 mm (12 1/4") SURFACE HOLE

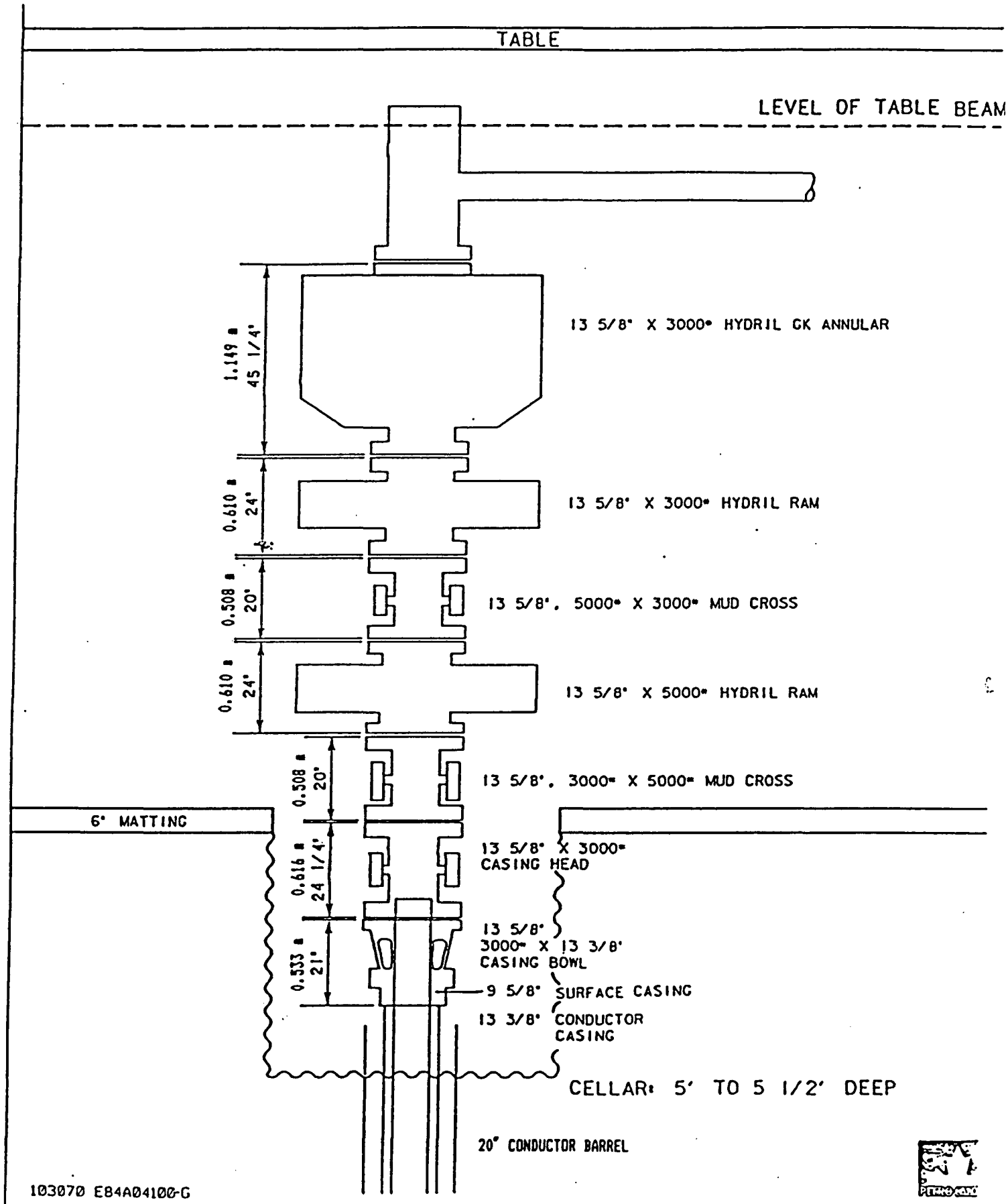
TABLE



**BOP CONFIGURATION WHILE DRILLING
216 mm (8 1/2") MAIN HOLE WITH FOAM
(ABOVE CORE POINT)**

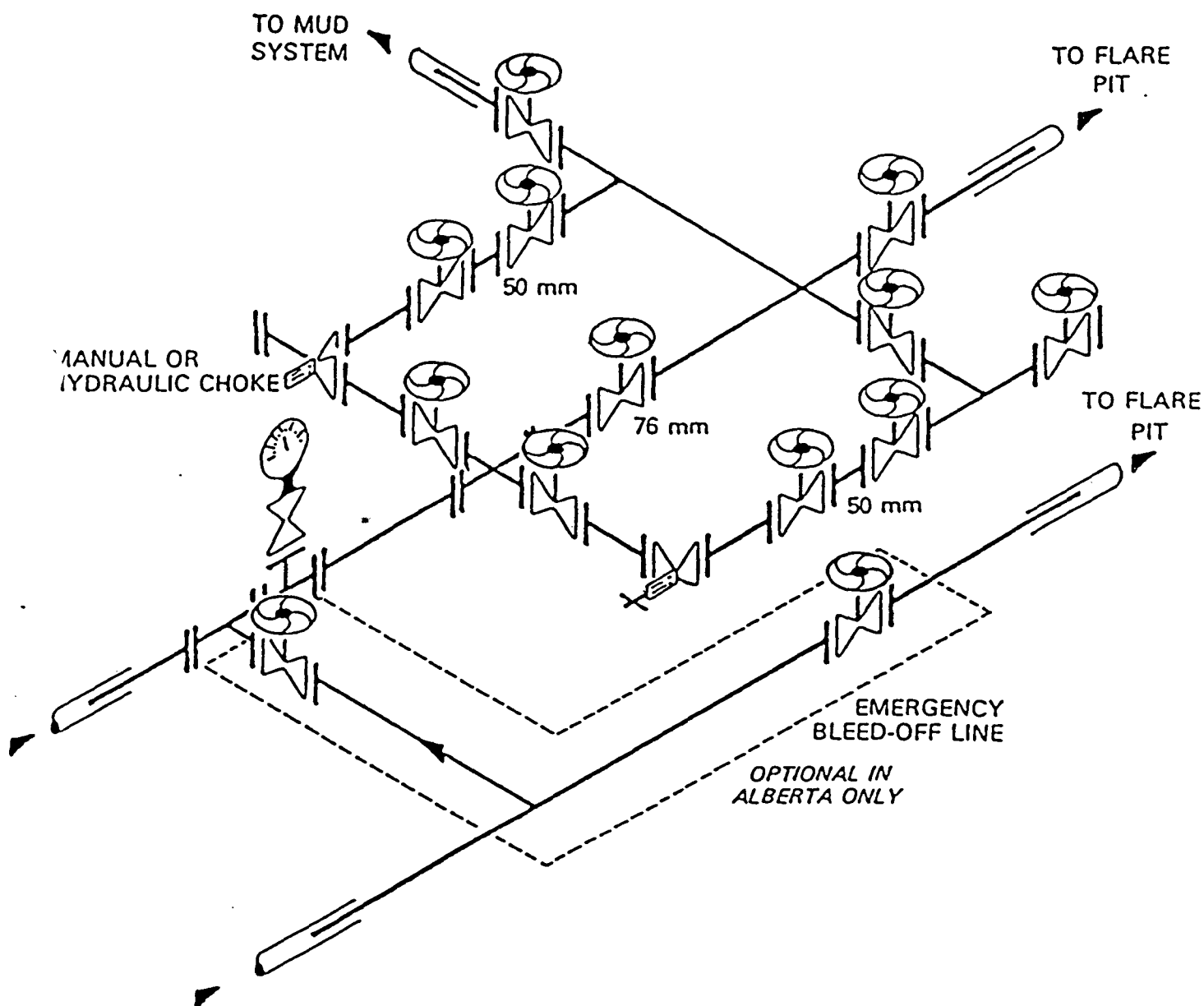


**BOP CONFIGURATION WHILE DRILLING
216 mm (8 1/2") MAIN HOLE WITH MUD
- SALT SATURATED IF NECESSARY -
(BELOW CORE POINT)**



PETRO-CANADA B.O.P. REQUIREMENTS
 CLASS B
 21,000 kPa
 TO BE USED ON WELLS FROM 1800 m TO 3000 m

MANIFOLD SYSTEM



1. BLEED-OFF SYSTEM SHALL BE A MINIMUM NOMINAL SIZE OF 76 mm, THROUGHOUT, EXCEPT FOR LINES THROUGH THE CHOKES WHICH MAY BE A NOMINAL 50 mm.
2. IF THE EMERGENCY BLEED-OFF LINE IS CONNECTED TO THE MAIN BLEED-OFF LINE, WELDED-NECK FLANGES MUST BE USED UP TO THE LAST CONTROL VALVE.
3. ALL LINES BETWEEN THE B.O.P. STACK AND MANIFOLD SHALL BE TURNED USING TARGETED WELDED TEES OR TARGETED WELDNECK FLANGED TEES