

International Well Control Forum
Subsea BOP Vertical Well Kill Sheet (API Field Units)

DATE : _____

NAME : _____

FORMATION STRENGTH DATA:

SURFACE LEAK -OFF PRESSURE FROM
 FORMATION STRENGTH TEST (A) psi
 MUD DENSITY AT TEST (B) ppg
 MAXIMUM ALLOWABLE MUD DENSITY =
 (B) + $\frac{(A)}{\text{SHOE T.V. DEPTH} \times 0.052}$ = (C) ppg

INITIAL MAASP =
 ((C) - CURRENT MUD DENSITY) x SHOE T.V. DEPTH x 0.052
 = psi

CURRENT WELL DATA:

SUBSEA BOP DATA:

MARINE RISER feet
 LENGTH
 CHOKELINE feet
 LENGTH

DRILLING MUD:

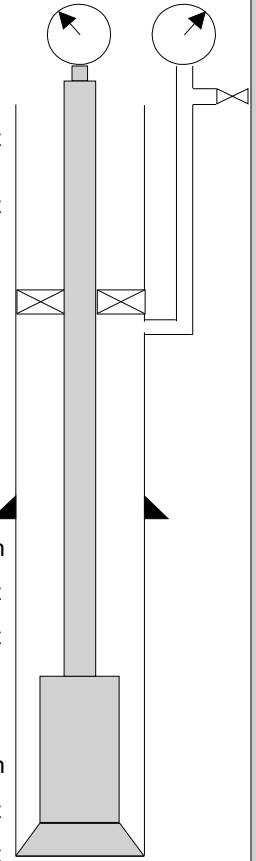
DENSITY ppg

CASING SHOE DATA:

SIZE inch
 M. DEPTH feet
 T.V. DEPTH feet

HOLE DATA:

SIZE inch
 M. DEPTH feet
 T.V. DEPTH feet



PUMP NO. 1 DISPL.	PUMP NO. 2 DISPL.
bbls / stroke	bbls / stroke

SLOW PUMP RATE DATA:	(PL) DYNAMIC PRESSURE LOSS [psi]					
	PUMP NO. 1			PUMP NO. 2		
	Riser	Choke Line	Choke Line Friction	Riser	Choke Line	Choke Line Friction
SPM						
SPM						

PRE-RECORDED VOLUME DATA:	LENGTH feet	CAPACITY bbls / feet	VOLUME barrels	PUMP STROKES Strokes	TIME Minutes
DRILL PIPE	x	=		VOLUME PUMP DISPLACEMENT	
HEVI WALL DRILL PIPE	x	=			
DRILL COLLAR	x	=			
DRILL STRING VOLUME			(D) bbls	(E) strokes	Min
DC x OPEN HOLE	x	=			
DP / HWDP x OPEN HOLE	x	=	+		
OPEN HOLE VOLUME			(F) bbls	strokes	Min
DP x CASING	x	=	(G) +	strokes	Min
CHOKELINE	x	=	(H) +	strokes	Min
TOTAL ANNULUS/CHOKELINE VOLUME			(F+G+H) = (I) bbls	strokes	Min
TOTAL WELL SYSTEM VOLUME			(D+I) = (J) bbls	strokes	Min
ACTIVE SURFACE VOLUME			(K) bbls	strokes	
TOTAL ACTIVE FLUID SYSTEM			(J+K) bbls	strokes	
MARINE RISER x DP	x	=	bbls	strokes	

