

International Well Control Forum

Subsea BOP Kill Sheet - Vertical Well (S.I. Units)

DATE : _____

NAME : _____

FORMATION STRENGTH DATA:

SURFACE LEAK-OFF PRESSURE FROM FORMATION STRENGTH TEST kPa
 DRILLING FLUID DENSITY AT TEST kg/m³
 MAX. ALLOWABLE DRILLING FLUID DENSITY =
 (B) + $\frac{(A)}{\text{SHOE T.V. DEPTH} \times 0.00981}$ = kg/m³

INITIAL MAASP =

((C) - Current Density) x 0.00981 x Shoe TVD = kPa

CURRENT WELL DATA:

SUBSEA BOP DATA:

MARINE RISER LENGTH m
 CHOKELINE LENGTH m

CURRENT DRILLING FLUID:

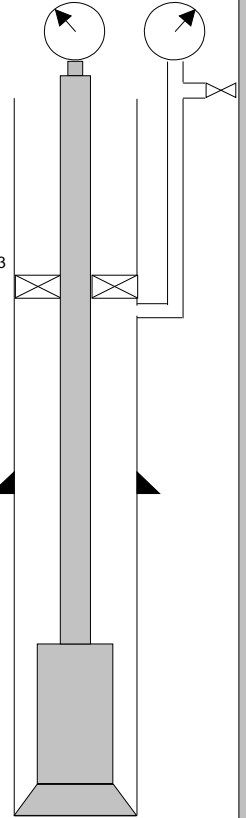
DENSITY kg/m³

CASING SHOE DATA:

SIZE mm
 M. DEPTH m
 T.V. DEPTH m

HOLE DATA:

SIZE mm
 M. DEPTH m
 T.V. DEPTH m



PUMP NO. 1 DISPL.	PUMP NO. 2 DISPL.
m ³ / stroke	m ³ / stroke

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

PRE-RECORDED VOLUME DATA:	LENGTH m	CAPACITY m ³ / m	VOLUME m ³	PUMP STROKES stks	TIME minutes
DRILL PIPE	x	=		VOLUME PUMP DISPLACEMENT	PUMP STROKES SLOW PUMP RATE
HEAVY WALL DRILL PIPE	x	=	+		
DRILL COLLARS	x	=	+		
DRILL STRING VOLUME			(D) m ³	(E) stks	min
DC x OPEN HOLE	x	=			
DP / HWDP x OPEN HOLE	x	=	+		
OPEN HOLE VOLUME			(F) m ³	stks	min
DP x CASING	x	=	(G) +	stks	min
CHOKELINE	x	=	(H) +	stks	min
TOTAL ANNULUS / CHOKELINE VOLUME			(F+G+H) = (I) m ³	stks	min
TOTAL WELL SYSTEM VOLUME			(D+I) = (J) m ³	stks	min
ACTIVE SURFACE VOLUME			(K) m ³	stks	
TOTAL ACTIVE FLUID SYSTEM			(J+K) m ³	stks	
MARINE RISER x DP	x	=	m ³	stks	

