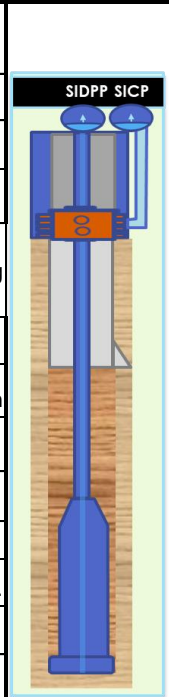


Subsea BOP Well Kill Sheet				Exersize		Name:	
Page 1 API Units						Date:	
Solution							
Formation Strength Data:						Current Well Data:	
Surface Leak-off Pressure: (A)						psi	
Mud Weight (B):						ppg	
Maximum Allowable Mud Weight (C):							
(B) +		(A)		=		(c)	
		Shoe Vertical Depth x 0,052				ppg	
Initial MAASP:							
[(C) - Current Mud Weight] x Shoe TVD x 0,052							
=						psi	
Pump No.1 Displacement:			Pump No.2 Displacement:				
						bbl / stroke	
Dynamic Pressure Loss (PL) (psi)							
Pump no. 1						Pump no. 2	
Slow Pump Rate Data:		Riser	Choke Line	Choke Line Friction	Riser	Choke Line	Choke Line Friction
Pre-Volume Data:		Length (ft)	Capacity bbl/ft	Volume - bbl		Pump Strokes	Time Minutes
Drill Pipe		x	=				KILLRATE SPM
Heavy Wall Drill Pipe		x	=				
Drill Collars		x	=				
Drill Collars		x	=				
Drill String Volume				(D)		bbl	(E)
							stks
							min
DC x Open Hole		x	=				
DC x Open Hole		x	=				
DP / HWDP x Open Hole		x	=				
Open Hole Volume				(F)		bbl	(G)
							stks
							min
DP x Casing		x	=	(G)			bbl
Chokeline		x	=	(H)			bbl
Total Annulus Volume				(F+G+H)=(I)			bbl
							stks
							min
Total Well System Volume				(D+I)= (J)			bbl
							stks
							min
Active Surface Volume		(K)					bbl
							stks
							min
Total Active Fluid System		(J+K)					bbl
							stks
							min
Marine Riser x DP		x	=				bbl
							stks
							min



Subsea BOP Well Kill Sheet	Exersize	Name:
Page 2 API Units		Date:
Solution		

Kick Data

SIDPP		psi	SICP		psi	Pit Gain		bbl
--------------	--	-----	-------------	--	-----	-----------------	--	-----

Kill Mud Weight KMW	Current Mud Weight + $\frac{\text{SIDPP}}{\text{TVD} \times 0,052}$	=	ppg
----------------------------	---	---	-----

Initial Circulating Pressure ICP	Dynamic Pressure Loss + SIDPP	=	psi
---	-------------------------------	---	-----

Initial Dynamic Casing Pressure @ Kill Pump Rate	SICP - Choke Line Friction	=	psi
---	----------------------------	---	-----

Final Circulating Pressure FCP (from sg)	$\frac{\text{Kill Mud Weight}}{\text{Current Mud Weight}} \times \text{Dynamic Pressureloss}$	=	psi
---	---	---	-----

(L) = ICP - FCP		psi	$\frac{(L) \times 100}{(E)} =$		psi/100 strokes
--------------------------	--	-----	------------------------------------	--	-----------------

Static & Dynamic Drill Pipe Pressure (psi)	Safety Margin (psi)
---	----------------------------

Strokes	Pressure	w. Mrg.
0		
100		
200		
300		
400		
500		
600		
700		
800		
900		
1000		
1100		
1200		
1300		
1400		
1500		
1600		
1700		
1800		
1900		
2000		
2100		
2200		
2300		

