

**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  psi

MUD WEIGHT AT TEST  ppg

MAXIMUM ALLOWABLE MUD WEIGHT =  
 $(B) + \frac{(A)}{\text{SHOE T.V. DEPTH} \times 0.052} = (C)$  ppg

**INITIAL MAASP =**  
 $((C) - \text{CURRENT MUD WEIGHT}) \times \text{SHOE T.V. DEPTH} \times 0.052$   
 =  psi

**CURRENT WELL DATA:**

**SUBSEA BOP DATA:**

MARINE RISER LENGTH  feet

CHOKELINE LENGTH  feet

**DRILLING MUD:**

WEIGHT  ppg

**CASING SHOE DATA:**

SIZE  inch

M. DEPTH  feet

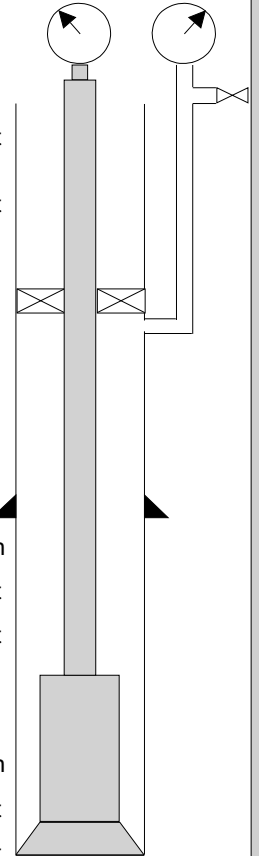
T.V. DEPTH  feet

**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	=			
<b>DRILL STRING VOLUME</b>			<b>(D)</b> bbls	<b>(E)</b> strokes	Min
DC x OPEN HOLE	x	=		<b>strokes</b>	Min
DP / HWDP x OPEN HOLE	x	=	+		
<b>OPEN HOLE VOLUME</b>			<b>(F)</b> bbls		
DP x CASING	x	=	<b>(G)</b> +	<b>strokes</b>	Min
CHOKELINE	x	=	<b>(H)</b> +	<b>strokes</b>	Min
<b>TOTAL ANNULUS/CHOKELINE VOLUME</b>			<b>(F+G+H) = (I)</b> bbls	<b>strokes</b>	Min
<b>TOTAL WELL SYSTEM VOLUME</b>			<b>(D+I) = (J)</b> bbls	<b>strokes</b>	Min
ACTIVE SURFACE VOLUME			<b>(K)</b> bbls	<b>strokes</b>	
<b>TOTAL ACTIVE FLUID SYSTEM</b>			<b>(J+K)</b> bbls	<b>strokes</b>	
MARINE RISER x DP	x	=	bbls	<b>strokes</b>	

