

Subsea Vertical KILLSHEET



Name :

Date :

Formation strength data :

Surface pressure from test bar

Fluid density at test kg / litres

Max fluid density

$B + A / (\text{ShoeTVD} \times 0,0981)$ kg / litres

INITIAL MAASP

$(C - \text{Current fluid}) \times \text{ShoeTVD} \times 0,0981$ bar

Pump nr 1 effective output

litres / stroke

Pump nr 2 effective output

litres / stroke

SCR data

Dynamic pressure loss

Pump nr 1	Up Riser	Up Chokeline	Friction
spm	bar	bar	bar
spm	bar	bar	bar

Pump nr 2	Up Riser	Up Chokeline	Friction
spm	bar	bar	bar
spm	bar	bar	bar

Current drilling fluid

Density sg

Subsea BOP data

Riser m

Chokeline m

Casing Shoe data :

Shoe size in

Shoe MD m

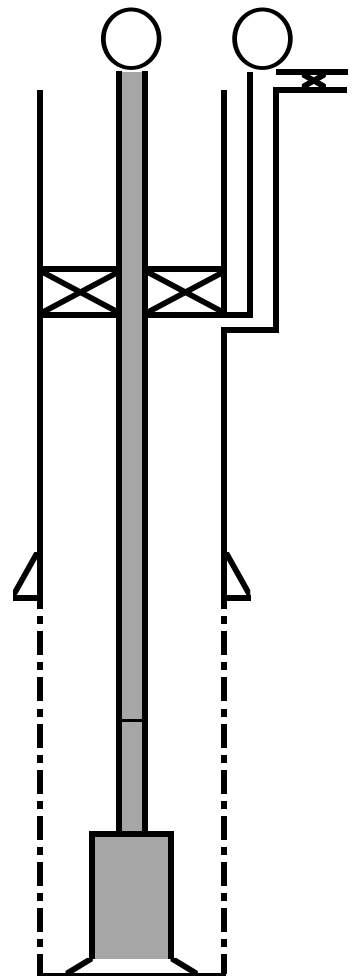
Shoe TVD m

Hole data :

Hole size in

Hole MD m

Hole TVD m



Pre-recorded
volume data

LENGTH
meters

CAPACITY
litres pr m

VOLUME
litres

Drill pipe	x	=	
HW drill pipe	x	=	
Drill collar	x	=	
Drill string volume			D
DC in OH	x	=	
DP-HW in OH	x	=	
Open hole volume			F
DP in Casing	x	=	G
Chokeline	x	=	H
Total annulus + chokeline volume (F+G+H)			i
Total well system volume (D + i)			J
Active surface mudpits + surface lines			K
Total active fluid system volume (J + K)			=
Riser with DP	x	=	

Surface lines (mud pumps to RKB)

litres strokes

Pump Strokes

Volume/pump output

Pump time

strokes / pump rate

E strokes minutes

strokes minutes

strokes minutes

strokes minutes

strokes minutes

strokes minutes

strokes

strokes

Subsea Vertical Killsheet



Kick data :

SIDPP	bar
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SICP	bar
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PIT GAIN	litres
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$$\text{Kill mud density} + \frac{\text{Current drilling fluid density} + \text{SIDPP} / (\text{Well TVD} \times 0,0981)}{(\text{Well TVD} \times 0,0981)} = \boxed{} \text{ kg / litres}$$

Initial circulating pressure ICP $\frac{\text{Dynamic Pressure Loss}}{\text{_____}} + \frac{\text{SIDPP}}{\text{_____}} = \boxed{\text{_____}} \text{ bar}$

Final circulating pressure = FCP + Dynamic Pressure Loss x Kill Mud Density / Current Fluid Density

Pressure drop :
$$\frac{(ICP - FCP) \times 100}{E} = \text{Strokes Surface to Bit}$$

Initial dynamic casing
pressure at kill pump rate

SICP - Chokeline Friction

= bar

[illegible]