## 13.8 Drilling Fluids Program

						DRILLING FLUIDS PROGRAM				Prepared	by:	Bjørn Rørv	Date : 16.98.261			×				
MISWACO				7124/4-1 HEILO								Verified date/by: Rune Olsen						1 520		
235000	terpe tempony	١ .	******	REVISION NO:			Approved date/bq:						11. seedan							
42 "	Section -	FLINDS: S	eawater -	Bentonite /	Bentonite									PRODUCT USAGE			(unition)		VOLUMES	
Clepth	Ficilit	MM	FV											TYPE	STATE OF THE PARTY		ORFUNIE	3070003		
0.0000000000000000000000000000000000000	THE	\$ <b>6</b>	***************************************	***************************************	·	<b>************</b>					***********	***************************************	***********	Sentonite, OCMA	MT	0,075			DISPL. VOL	84
342	SWEEPS	1,05	> 100											Freshwater	m°	0,969	4		KILL FLUID YOL:	100
	DISPL FLUID	1.30												Soda Ash	kg kg	1,5		200	SWEEP VOL: CASING VOL:	120
405	COMMENTS:	1,30				l	l							4			<b></b>		OPEN HOLE:	56
400	The section will b	e drilled us	ing sea wat	er - numnina	hivis sween	< Mis hivi< F	entonite sw	eens accou	ding to pr	ogrammed :	snecificatio	ons Prehad	Irate	Bentonite ODMA	MT		0.075	10	TOTAL HOLE VOL:	56
	Bentonite in fres														m,		0,626	120	TOTAL HOLE YOU:	
	hole by pumping a	30 m3 hivi	is pill befor	e displacing	the hole to 1	.30 sg Bento	nite fluid by p	pumping 1,3	3 - 1,5 time	s the hole :	volume. Al:	so sweep th	e hole hole	Soda Ash	kg		1,5		TOT VOLUETO	994
	by pumping 30 m3													t Seawater	m,		0.173	30	RECEIVED VOL:	0010000 <b>%87</b> 0000
	fluid in order to p						k Bentonite	can not be	used - or	time don't a	allow to mi	: Bentonite	mud. 8 - 16	Barite	MT		0,720	130	MEN MICH WOL	364
	kg/m3 CMC-EHV	in Sea Wat	er is a sack	ed alternativ	e for sweep	5.											†	1	MUD LEFT VOL:	100
	SEE DETAILED PRO	CEDUDEC II	IDETAILEDE	OUT INC. CITE	oe ppoepas	AND BUT IES	LINODUAVIO	DED A TIONIA	ı pooceni	UDE NASSULA				CMC EHV	kg		as req	<b>†</b>	TRANSFERRED OUT VOL:	100
Length:	SEE DE FAILED PRO	CEDOMES IN	TOE TAILED L	MILLING FLUIL	JS FRUURKIY	MAND IN THE IV	HINOMWAYO	-cha HONA	IL HHOUSED	ONE MANUA	L			Volume exported	m°	(Kill fluid to	next section)	100		
63													Volume imported	m²						
																				***************************************
9 718 "	Section -	FI ORS S	eassater t	Sentanite / i	Bentonite									PRODUCT USAGE		Conc	(0000R°)		VOLUMES	
Combi		38888787788888	500000 T/100000	************	100000000000000000000000000000000000000					9333333333333	S 88888888888	. 2222222	*************		UNIT	SSSEMPROFILE		CONTROL HOME	200000000000000000000000000000000000000	coloccos <del>as</del> cosc
meters	TYPE										1			S Bentonite, OCMA	MT	0,075		10	DISPL. VOL	41
405	SWEEPS	1,05	> 100								1			Freshwater	m,	0,969		170		100
														Soda Ash	kg	1,5		270	SWEEP VOL:	180
	DISPLIFICIO	1,30																	CASING VOL:	
829	COMMENTS:		•		•	•			•	•				1					OPEN HOLE:	21
	The section will b													Bentonite, OCMA	MT		0,075	3	TOTAL HOLE VOL:	21
	Bentonite in frest													Freshwater	m²		0,626	30		
	hole by pumping a													Soda Ash	kg		1,5	100	TOT. YOU HEW	321
	displacementfluid													Seawater	m²		0,235	10	TRANSFERRED IN VOL:	100
	Prepare 100 m³ wi time don't allow t										ik Bentoni	e can not i	e usea - or	Barite	MT		0,458	20	MEN MOR YOU	221
	unie don canow c	o ilila Dello	omice maa.	o - 10 kgima	CINC-LITY II	Sea water is	a sacked al	ternative i	or sweeps	-									MUDILEFT VOL:	100
														CMC EHV	kg		as reg		TRANSFERRED OUT VOL:	100
Length:	SEE DETAILED PRO	SEE DETAILED PROCEDURES IN DETAILED DRILLING FLUIDS PROGRAM AND IN THE M-I NORWAY OPERATIONAL PROCEDURE MANUAL											Volume exported	mª		next section)	100			
424														Volume imported	m³	(Ki	ll fluid)	100		
																				***********
47 1/2" 888 2011/1888	Section -	FLUNDS S	eawater - 1	Jentonite fi	dentonite	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	1000000000000	>00000000000	10000000000	×100000000000	o x0000000000	***************	0100000000000	PRODUCT USAGE	000000000000000000000000000000000000000	Canc.	(0000007) 000000075	888888888888888888888888888888888888888	VOLURRES	001000000710000
medera	EVPE	96												S Bentonite, OCMA	MT	0,075			DISPL. VOL	137
405	SWEEPS	1,05	> 100			T								Freshwater	mª	0,969	1		KILL FLUID VOL:	100
				1			1			1	1			Soda Ash	kg	1,5	1		SWEEP VOL:	480
	DISPL FLUID	1,30		1			1			1	1						1	1	CASING VOL:	27
829	COMMENTS:		•	-		-	•			•			-	1			1	1	OPEN HOLE:	66
	The section will be dri													Bentonite, OCMA	MT		0,075	10	TOTAL HOLE VOL:	93
	before blending with s													Freshwater	m <sup>a</sup>		0,626	90		
	the open hole displac													Soda Ash	kg		1,5	200	TOT. YOL BER.	717
	pumping 30 m3 hivis a used - or time don't al							ii mud and ou	t weight with	⊔∀. As a con	itingenoy in oa	ise bulk Bento	onite oan not be	Seawater Seawater	m³		0,235	30	TRANSFERRED IN VOL:	100
	used - or time don't al	iow to mix Be	monite mud. 8	⊶ ю kgrm3 CM	i∟-cH∀ IS a Sac	keu alternative	ioi sweeps.							Bailte	MT		0,458	60	MCW MILED YOU.	617
															T.				MUDILEFT VOL:	
	SEE DETAILED PRO	CEDUBESIA	IDETAILED	BILLING ELLIG	SPRIGRAM	AND IN THE N	HINDBWAYO	PERATIONA	LEBOCEDI	HBE MANUA	ı			OMC EHV	kg		as req		TRANSFERRED OUT VOL:	
Length:					How init					·· · · · · · · · · · · · · · ·	-			Volume exported	m³					
424														Volume imported	m³	(Ki	ll fluid)	100		
	I																	***************************************		***************************************

epth:	Section -	FLURDS: 0	G-14 C-14 N -											PRODUCT USAGE		Canc.	(Boshio <sub>3</sub> )		VOLUMES	
	FUID	MW	йii	Fÿ	YF.	GetWa	Gel 10m	31000	AFIFL	KCI	Glasel	TABT	L ore	TOPE	V.V	Men	. Haert	Totable		<b>*</b>
K614	NPE.	<b>99</b>	***************************************		Rese				66	<b>98</b>		∴kgfo≎	ng/f	KCI Brine, 1.15sg, with 4.5% Glydril I	m°	0,720	0,070		DISPL VOL	
ſ	GLYDRIL	1,30	8		15	l	- 22	10		160	3,5		tono	Freshwater	m³	0,196			KILL FLUID VOL:	
١,	<b>y</b> .	1.40	:	siap	25	>4	< 20		< 4	190	5	₹60	< 1990	Soda Ash	kg	1,0	0,2		SWEEP VOL:	
H	COMMENTS:	1,90		l	20	l .		12		130	0			Duc-Tec NS Polypac ELV	kg	5,0 14,0	1,0 5.0	·	LOST IN HOLE/BEHIND CSG: OPEN HOLE:	
	Drill cement and sho	e track with re	maining soud	mud from previo	ous section disc	lace to Gludril n	oud and nerform L	OT						Glydrii MC	kg itr	45.0	10.0		TOTAL HOLE YOL:	
	During displacement								on with Cite	ric and Bicarb	).			Barite	MT	0,110	0,1		TOTAL HOLE YOU	
	Monitor cuttings qua	dity continous	ly, if extra shal	e inhibition is re	quired KCL Pos	der and Glydril P	AC can be added t	to increase inh	hibitive pro	perties. Chec	k rheology @	20 degC and 5	0 deg.	D3.10			+		TOT VOL REA	odooo
	Monitor and maintair																		RECEIVED VOL:	******
	values allow. Keep flu											ased on hole -	and cuttings	Citrie acid	kg		asreq	1500	MEN MAD NOT	oboo
	quality). See conting													Sodium Bioarbonate	kg		asreq	1500	MUD LEFT VOL:	*****
	Monitor ECD values						eology in mid rang	ge of specific	ations or a	is high as EC	D values allov	rs.Shear all mir	ed Glydrii and						TO NEXT SECTION	
	premix.In an event of Note; weight and volu-						ь .							Yolums espected	m³	***************************************		***************************************		
´ I	ruote, weight and von	arnes or sings	dsed, shall be	reported on the	rindo reports ar	id on on the DD								Yolume imported	m <sup>q</sup>		*************************			
	SEE DETAILED R	ROCEDUF	RES IN PRO	JECT MANU	AL AND IN T	HE M-I NOR	VAY OPERAT	IONAL PRO	OCEDUF	E MANUA	L.							***************************************		8888
8°	Section -	FLUNDS: (	GLYBRIL											PRODUCT USAGE		Cane.	(1000E07)		<b>VOLUMES</b>	
100	Fich	Mb	pH	PIC	WP.	Gettes	Gelillen	34 <b>0</b> 00	APIF)	K I	Glycol	MBT	C**	TYPE	Only.		Desire.	300 Jah		× ***
612	TWPE	**************************************	400000000000000000000000000000000000000		Birer.				::: <b>(40</b>	90		kg/m3	regit	KCI Brine, 1.15sg, no Glydril MC	m²	0,720	0,070	50	SURFACE VOL:	
9		1	8	1	15	l		10		150	3,5			Freshwater	m°	0,196	<b></b>	10	RISER VOL:	
[.	GLYDBIL	1,20		alap		>4	< 20	-	< 4		-	₹60	< 1000	Soda Ash	kg	1,0	0,2	100	CASING VOL:	
ľ			9	1	25	<u> </u>		13		170	5			Duo-Tec NS	kg	5,0	1,0	500	OPEN HOLE:	
	COMMENTS:												•	Polypac ELY	k <u>o</u>	14,0	5,0		TOTAL HOLE YOL:	
	Drill cement and sho									an and many				Gigdril MC	ltr	45,0	10,0	5 000	DILUTION VOL:	
- 1	During displacement Monitor outlings qua	io caydfii, Mai Jitu contines: c	ke sure active do if autra ekst	agstern IS Kept i e inhibition is re-	a, given specific outrad KCL Pos	auons, it needer dar and Gludel N	rueat ang cement AC oan be added t	countaMinatio to increase ist	on with Uiti Aihitina esa	no and Bloaff Inerties, Phos	r. ok skopologa Ø	20 deaC and 5	O dea	Barite	MT	0,110	0,05	20	TOT YOU RES	s para
	Monitor outlings qua Monitor and maintair															ļ		ļ	RECEIVED VOL:	
	values allow. Keep flu																<b>+</b>		MEA WOR ARE	8 <b>4</b> 883
	contingency plan if ur										. (000000000000000000000000000000000000		. 400.00	Citric acid	kg		asreq	2 000	MUDILEFT VOL:	
	Monitor ECD values										Divalues alloy	s.Shear all mix	ed Glydril and	Sodium Bicarbonate	kg		asreq	2 000	BACKLOAD VOL:	
	premix.In an event of																J		ANGLE, deg:	
th:	Note; weight and vol	umes of slugs	used, shall be	reported on the	mud reports ar	nd on on the DD	R.							Yolome exported	m³		t section)	278		
۱ ا	SEE DETAILED PRO	OCEDURESIA	N DETAILED I	ORILLING FLUI	OS PROGRAM	AND IN THE M	-I NORWAY OPE	RATIONALE	PROCEDU	RE MANUAI	L			Yolume imported	mª	(Fror	n shore)	350		10000
	0 - 11	E. 1000 F.	01 MODE											F0051107311105					100 11115	50000
30000 8	Section	FLUMS: (	GECCHNE	(COOPER COOPER	100000M <b>0</b> 00000	GeNes	Gel 19e	30pm	APIPL	000000000000000000000000000000000000000	Shirel	····Met····	·····Cee·····	PRODUCT USAGE	000000000000000000000000000000000000000	1,207C.	(Botho <sub>s</sub> )		VOLUMES	oo boooso
19	TYPE	26			Keeli				ords	od.		koma	Frank	KCI Brine, 1.15sq, no Glądrii MC	m²	0,720	0,070	30	SURFACE VOL:	-
3		1	***********		15			В		150	3,5			Freshwater	m²	0,157			RISER VOL:	
			1 8																	
	GLYDBIL	1,30	- 8	alao		>4	< 20	-	< 4		-	< 60	< 1066	Soda Ash			0,2	100	CASING VOL:	
ŀ	GLYDRIL	1,30	- 9	alap	25	>4	₹ 20	- 11	< 4	170	5	< 60	< 1000		kg	1,0	0,2 1,00	100		
	COMMENTS:		- 9						< 4	170	5	< 60	< 100C	Soda Ash					CASING VOL:	
	COMMENTS: Drill cement and sho	e track with re		rom previous s					< 4	170	5	< 60	< 1000	Soda Ash Duo-Tec NS Polypac ELV	kg kg kg	1,0 5,0 14,0	1,00 5,0	300 1600	CASING VOL: OPEN HOLE: TOTAL HOLE VOL:	
	COMMENTS: Drill cement and sho If needed treat any ce	e track with re	ination with C	rom previous si itric and Bicarb.	ection, circ to ev	ven Mw and perf	orm LOT.	11						Soda Ash Duo-Tec NS	kg kg	1,0 5,0	1,00	300 1600	CASING VOL: OPEN HOLE:	
	COMMENTS: Drill cement and sho If needed treat any ce Monitor cuttings qua	e track with re- ment contam- lity continous	ination with C	rom previous sa itric and Bicarb. e inhibition is re	ection, circ to ex quired KCL Pow	ven Mw and perf der and Glydril N	orm LOT. AC can be added t	11 to increase inf	hibitive pro	perties. Chec	ck rheology @	20 degC and 5	0 deg	Soda Ash Duo-Teo NS Polypac ELV Glydrii MC	kg kg kg ltr	1,0 5,0 14,0 45,0	1,00 5,0 10,0	300 1600	CASING VOL:  OPEN HOLE:  TOTAL HOLE YOL:  DILUTION YOL:	****
	COMMENTS: Drill cement and sho If needed treat any or Monitor outlings que Monitor and maintai	e track with re- ment contam- dity continous n KCI level by :	nination with C sly, if extra shall addition of dry	rom previous si itric and Bicarb. e inhibition is re- salt/premix. Ru	ection, circ to ex quired KCL Pow n finest possible	ven Mw and perf eder and Glydril N e screens in orde	orm LOT. AC can be added to to reduce effect	11 to increase inf	hibitive pro	perties. Chec	ck rheology @	20 degC and 5	0 deg high as ECD	Soda Ash Duo-Teo NS Polypac ELV Glydrii MC	kg kg kg ltr	1,0 5,0 14,0 45,0	1,00 5,0 10,0	300 1600	CASING VOL:  OPEN HOLE:  TOTAL HOLE VOL:  DILUTION VOL:  FOR VEL HER	
	COMMENTS: Drill cement and sho If needed treat any oe Monitor outlings que Monitor and maintair values allow. Keep flu	e track with re ement contam dity continous n KCI level by a did loss at min	nination with C sly, if extra shall addition of dry nimum by addit	rom previous si itric and Bicarb. e inhibition is re- salt/premix. Ru ion of PAC. Sec	ection, circ to ex quired KCL Pow n finest possible a contingency pl	ven Mw and perf der and Glydril N e screens in orde an if undesired i	orm LOT. AC can be added to er to reduce effect noidents should o	11 to increase inf t of solids buil ocur. Keep em	hibitive pro Id up. Main npty pit spa	perties. Chec tain rheology ace for one ri:	ck rheology @ in mid range is ser volume at	20 degC and 5 of specs or as ALL times to e	0 deg high as ECD nable	Soda Ash Duo-Teo NS Polypac ELV Glydrii MC	kg kg kg ltr MT	1,0 5,0 14,0 45,0	1,00 5,0 10,0 0,05	300 1600 3 400 20	CASING VOL:  OPEN HOLE:  TOTAL HOLE VOL:  DILUTION VOL:  THE THE NEW  RECEIVED VOL:	
	COMMENTS: Drill cement and sho If needed treat any or Monitor cuttings qua Monitor and maintail values allow Keep flu disconnection of Flis	e track with re ment contam dity continous n KCI level by a did loss at min ter. Monitor E	ination with C sly, if extra shal addition of dry himum by addit ICD values, rui	rom previous si itrio and Bioarb. e inhibition is re salt/premix. Ru ion of PAC. See n booster pump	ection, circ to ex quired KCL Pown finest possible contingency pl to aid hole clea	ven Mw and perf der and Glydril N e screens in orde an if undesired i ning, ECD and n	orm LOT. AC can be added to er to reduce effect noidents should on nud temperature. K	11 to increase in t of solids buil ocur. Keep err Keep rheology	hibitive pro Id up. Main npty pit spa	perties. Chec tain rheology ace for one ri:	ck rheology @ in mid range is ser volume at	20 degC and 5 of specs or as ALL times to e	0 deg high as ECD nable	Soda Ash Duo-Teo NS Polipas ELV Gigdil MC Barite	kg kg kg ltr	1,0 5,0 14,0 45,0	1,00 5,0 10,0	300 1500 3 400 20 2 2000	CASING VOL:  OPEN HOLE:  TOTAL HOLE VOL:  DILUTION VOL:  RECEIVED VOL:  AREA MUDICAL  AREA MUDICAL  COMMUNICATION  COMMUNICATI	
	COMMENTS: Drill cement and sho If needed treat any or Monitor outtings que Monitor and maintair values allow. Keep flu disconnection of Flis allows.Shear all mise	e track with re ement contam dity continous n KCI level by a did loss at min er. Monitor E d Glydril and p	nination with C sly, if extra shall addition of dry nimum by addit ICD values, ru remix.ln an eve	rom previous sa ltric and Bicarb. e inhibition is re- salt/premix. Ru ion of PAC. See n booster pump ent of lost circul	ection, circ to ex quired KCL Pown n finest possible e contingency pl to aid hole clea ation.(see guide	ven Mw and perf der and Glydril M e screens in orde an if undesired i ning, ECD and m lines in Detailer	orm LOT.  AC can be added the rest to reduce effect to incidents should on the rest to reduce the rest to reduce the rest to reduce the rest to rest t	11 to increase in t of solids buil ocur. Keep err Keep rheology	hibitive pro ld up. Main npty pit spa	perties. Chec tain rheology ace for one ri:	ck rheology @ in mid range is ser volume at	20 degC and 5 of specs or as ALL times to e	0 deg high as ECD nable	Soda Ash Duo-Tee NS Polipas ELV Gigdil MC Farite Citrio seed Sodium Bleatbonate	kg kg ltr MT	1,0 5,0 14,0 45,0	1,00 5,0 10,0 0,05	300 1500 3 400 20 2 2000	CASING VOL: OPEN HOLE: TOTAL HOLE VOL: DILUTION VOL: TOTAL HOLE VOL: TOTAL HOLE VOL: TOTAL HOLE VOL: TOTAL HOLE VOL: MANUAL EFT VOL: MUDILETT VOL:	
h:	COMMENTS: Drill cement and sho If needed treat any or Monitor cuttings qua Monitor and maintail values allow Keep flu disconnection of Flis	e track with re ement contam dity continous n KCI level by a did loss at min er. Monitor E d Glydril and p	nination with C sly, if extra shall addition of dry nimum by addit ICD values, ru remix.ln an eve	rom previous sa ltric and Bicarb. e inhibition is re- salt/premix. Ru ion of PAC. See n booster pump ent of lost circul	ection, circ to ex quired KCL Pown n finest possible e contingency pl to aid hole clea ation.(see guide	ven Mw and perf der and Glydril M e screens in orde an if undesired i ning, ECD and m lines in Detailer	orm LOT.  AC can be added the rest to reduce effect to incidents should on the rest to reduce the rest to reduce the rest to reduce the rest to rest t	11 to increase in t of solids buil ocur. Keep err Keep rheology	hibitive pro ld up. Main npty pit spa	perties. Chec tain rheology ace for one ri:	ck rheology @ in mid range is ser volume at	20 degC and 5 of specs or as ALL times to e	0 deg high as ECD nable	Soda Ash Duo Tee NS Polipae ELV Gligdril MC Failte  Citrio sold Sodium Bleationate  Volume exported	kg kg kg le MT s kg kg	1,0 5,0 14,0 45,0 0,273	1,00 5,0 10,0 0,05 as req as req	300 1600 3400 20 200 2000	CASING VOL: OPEN HOLE: OPEN HOLE VOL: OLUTION VOL: PROSPECTO VOL: WEST AND VOL: MUDIEFT VOL: BACKLOAD VOL:	
h:	COMMENTS: Drill cement and sho If needed treat any or Monitor outlings que Wonitor and maintai values allow. Keep it, disconnection of Flis allows. Shear all mixe Note; weight and vol-	e track with re ment oontam lity continous n KCI level by uid loss at min er. Monitor E d Glydril and p umes of slugs	nination with C sly, if extra shall addition of dry nimum by addit CD values, rui remix.ln an evi s used, shall be	rom previous si itrio and Bioarb. e inhibition is re salt/premix. Ru ion of PAC. See n booster pump ent of lost circul reported on the	ection, circ to ex- quired KCL Pown n finest possible e contingency pl to aid hole clea ation.[see guide e mud reports ar	ven Mw and perf der and Glydril N e screens in ord- an if undesired i ning, ECD and n lines in Detailer ad on on the DD	orm LOT.  AC can be added to record reduce effect on the condition of the	ft increase inli t of solids buil locur. Keep em (eep rheology ogram.)	hibitive pro Id up. Main npty pit spa y in mid ran	perties. Chec tain rheology ace for one ris ge of specific	ck rheology @ in mid range ser volume at cations or as l	20 degC and 5 of specs or as ALL times to e	0 deg high as ECD nable	Soda Ash Duo-Tee NS Polipas ELV Gigdil MC Farite Citrio seed Sodium Bleatbonate	kg kg ltr MT kg kg	1,0 5,0 14,0 45,0 0,273	1,00 5,0 10,0 0,05 as req as req	300 1500 3 400 20 2 2000	CASING VOL: OPEN HOLE: OPEN HOLE VOL: OLUTION VOL: PROSPECTO VOL: WEST AND VOL: MUDIEFT VOL: BACKLOAD VOL:	
h	COMMENTS: Drill cement and sho If needed treat any or Monitor outtings que Monitor and maintai values allow. Keep flu disconnection of flisi allows. Sheer all mixe Note; weight and voli  SEE DETAILED PRO	e track with re- ment contam hitty continous n KCI level by a gid loss at min er. Monitor E d Glydril and p umes of slugs	nination with C sly, if extra shal addiktion of dry nimum by addit (CD values, ru remix.ln an eve s used, shall be	rom previous si itrio and Bioarb. e inhibition is re salt/premix. Ru ion of PAC. See n booster pump ent of lost circul reported on the	ection, circ to ex- quired KCL Pown n finest possible e contingency pl to aid hole clea ation.[see guide e mud reports ar	ven Mw and perf der and Glydril N e screens in ord- an if undesired i ning, ECD and n lines in Detailer ad on on the DD	orm LOT.  AC can be added to record reduce effect on the condition of the	ft increase inli t of solids buil locur. Keep em (eep rheology ogram.)	hibitive pro Id up. Main npty pit spa y in mid ran	perties. Chec tain rheology ace for one ris ge of specific	ck rheology @ in mid range ser volume at cations or as l	20 degC and 5 of specs or as ALL times to e	0 deg high as ECD nable	Soda Ash Duo-Tee NS Polipas ELV Glydril MC Barlie Othio sod Sodium Bleathonate Yolume seported Yolume imported	kg kg kg le MT s kg kg	(0 5,0 14,0 45,0 0,273 (Backload	1,00 5,0 10,0 0,05 as req as req led to shore)	300 1600 3400 20 200 2000	CASING VOI: OPEN HOLE:	
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Figure 13-7: Drilling Fluids Program