

Report Date: 14.10.2023

Daily Operations Report

35/6-4 S

Wellbore Name: 35/6-4 S Event: Drilling Event Start: 28.09.2023 Report No.: 17

Contractor : Odfjell Drilling Objective : Appraisal Wellbore Type : Initial

Rig Name : Deepsea Yantai Water Depth : 331.00 (m) Datum : 27.30 m RT

MSL

Country: Norway Spud Date 30 Sep 2023 Field: Ofelia Days From Spud: 15.2 (d)

Current Status

MD @ Midnight: Hole Size : 17.5 (in) Est. Days: 30.42 (d) 1,933.0 (m) Mud Weight: 1.21 (sg) TVD @ Midnight: 1,847.0 (m) Casing Size: 13.375 (in) Next Casing Size: 9.6 (in) Kick Off Date: 30.09.2023 24hr Progress: 0.0(m)Casing Depth MD: 1,925.6 (m) Next Casing MD: 1,933.0 (m) DOL / DFS: 17.7 / 15.2 (d)

Days +/-: -3.9 (d) NPT Last 24hr: 8.25 h

Day DSV: Trond Haugland Offshore Engineer: Mehryar Nasseri DSL: Rupert E. Nilsen Geologist Day: Tor Otto Andreassen

Night DSV: Helge Hope D. Superintendent: Vidar Krone OIM: Daniel Persson Geologist Night: Kjell Berglund

24hr Summary: RIH and landed 13 3/8" casing. Performed 13 3/8" cement job. Pressure tested casing to 202 bar. Set and tested 13 3/8" seal assembly. Displaced riser from 1.21sg OBM to SW in preparation to potential disconnect of LMRP due to upcoming adverse weather. Installed

wear bushing. WOW.

24hr Forecast: WOW. Displace riser from SW to 1.21sg OBM. P/U and RIH with 12 1/4" RSS BHA. Drill 13 3/8" shoetrack while displace well from

1.21sg OBM to 1.08sg OBM. Clear rat hole and drill 3 meter new formation. Perform FIT to 1.35sg EMW. Commence drill 12 1/4" hole

towards section TD ~2945m.

Update At 06:00: Stop in operation due to exhaust on drill floor.

Remarks

Cuttings data at 00:00 hrs:

Skips full: 0 Skips empty: 17 Skips total onboard: 17 ISO-Pumps Full: 0 ISO-Pumps Empty: 6

ISO-tanks on vessel:

Bourbon Mistral: ISO-Pumps Full: 4 ISO-Pumps Empty: 12

Bullseye readings 13.10.23 LMRP Bullseye: 1.25 STB / FWD BOP Bullseye: 0.75 FWD Riser Bullseye: 1.75 FWD

HSE and Well Control

HSE Summary

DSLTI: 215.00 (d) PDO Checks 24hr: 11 Next HSE Meeting: 15 Oct Safety Observation Cards:

2023

No. Synergi Reports Last 24hr: 1 Near Miss: 0 Last Environmental Inspection: 14.10.2023

HSE Focus: Sea fastening

Weekly HSE Focus (Week 32-43): Use the Safety check

HSE Comments: Potential dropped objects areas checked:

Derrick. Main deck. Electrical area. Stbd crane. Port crane. Container.

PDOs found: 1

Observed a washer and a nut located on the edge of a basket, removed this

Element HSE KPI: YTD Date of last incident Health Lost Time Injury (LTI) 0 14.03.2023 Health Restricted Work Day Case (RWDC) 0 N/A

Health Restricted Work Day Case (RWDC) 0 N/A
Health Medical Treatment Case (MTC) 0 07.07.2022
Health First Aid Case (FAC) 0 24.06.2022
Safety Dropped object 0 13.07.2022
Safety Well Integrity incident 0 N/A
Environment Unplanned discharge to sea 0 17.06.2022

Note: LTI 14.03.23 while rig not operated by Neptune Energy

Synergi#1: SSO notified by Asst Driller regarding security breach

message on computer on drill floor.

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1,926.0

05:30

3.75

RIG

Ρ

INTCSG1

CEMT

Neptune Energy

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Well Control

Last Casing Test Pressure Last BOP Test Pressure Last LOT/FIT Date: 09.10.2023 Pressure: 400.00 (bar) EMW: 1.31 (sg) Date: 14.10.2023 Pressure: 202.00 (bar) Date: 14.10.2023

Last BOP Function Test: 09.10.2023 Next BOP Pressure Test: 23.10.2023 TVD: 576.50 (m) BHP: 74.00 (bar)

Next BOP Function Test : 16.10.2023 Surface Pressure: 11.000 (bar)

Drills

Last Abandonment Drill: 08.10.2023 Last Choke Drill: Last Pit Drill: Last Fire Drill: 04.10.2023 Last Diverter Drill: Last Spill Drill: 09.10.2023

Last F	I2S Dril	l:			I	Last Kick Di	rill :	02.10.2023 Last Derrick Inspection: 07.10.2023
							•	s Summary
				١				al Path
From 00:00		MD (m) 1,563.0	RIG	P	Phase INTCSG1	Task CSG	Activity RIH	Operation RIH with 13 3/8" casing 53.5# P110 Vam from 1117m to 1563m - pre-made doubles from set-back. - RIH with 13 3/8" casing as per tally in open hole - Running speed adjusted as per surge calculation (1.29.sg surge limit) - MU casing to optimum MU TQ 43.800ft-lbs - No rejects - all good connections - Boosted riser with 1200 lpm / 10 bar - No restriction observed while RIH - Running speed: 31.0 joints / hrs
01:15	2.00	1,577.0	RIG	P	INTCSG1	CSG	RIH	M/U 13 3/8" casing hanger. - Filled last 13 3/8" casing stand with 1.21sg OBM - B/O and L/D CRTi - Performed Pre-job Meeting prior to P/U and M/U 13 3/8" casing hanger - P/U and M/U 13 3/8" casing hanger - Removed inserts and installed plastic protector bushing inside auto slips - Ran 13 3/8" casing hanger through rotary - Removed casing tong rails - Changed inserts in auto slips - Recorded up / down weight: 217MT / 184 MT - Broke circulation with 300 lpm - OK Meanwhile. - Prepared cement head for up coming cement job - Flushed cement hose from cement unit to drill floor
03:15	1.00	1,910.0	RIG	Р	INTCSG1	CSG	RIH	RIH with 13 3/8" casing on 5 7/8" landing string from 1577m to 1910m. - Filled pipe every 3rd stand with 1.21sg OBM - Running speed adjusted as per surge calculation (1.29.sg surge limit) - No restriction observed while RIH - No losses to formation through RIH with 13 3/8" casing Meanwhile. - ROV checked flex joint angle: 1.75 deg stb-fwd - Moved rig 10m aft to align flex joint - flex joint angle: bullseye
04:15		1,926.0	RIG	Р	INTCSG1	CSG	RIH	Landed 13 3/8" casing. - P/U and M/U cement stand to string - Recorded Up / Down weights: 247MT / 196MT - M/U top drive and broke circulation with 300lpm / 9bar - Washed in with 13 3/8" casing 300 lpm / 2-5 bar - Landed 13 3/8" casing hanger and slacked off weight of 13 3/8" casing +10MT. Maintained same - Landing depth at 357.47m (tide corrected), in line with NBP depth measurement / shoe depth at 1926m - No losses to formation observed during landing operation
05:00	0.50	1,926.0	RIG	P	INTCSG1	CEMT	CIRC	Circulated prior to cementing with 1.21sg OBM. - Increased flow in steps to 1800lpm / 15bar. Confirmed full returns - Recorded reference parameters: - 1800 lpm / 15 bar - 1500 lpm / 10 bar - 1000 lpm / 6 bar - 800 lpm / 5 bar - 600 lpm / 4 bar - 400 lpm / 2 bar - No loss observed while circulating Meanwhile. - Performed Pre-job Meeting prior to 13 3/8" cement job - Performed line test from cement unit to drill floor.

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CEMT

Performed line test from cement unit to drill floor

Commenced 13 3/8" casing cement job with 1.92 sg ExpandaCem.



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								- Pumped 27 m3, 1.45 sg Ecospacer with 1000 lpm / 1-2 bar with MP - Closed IBOP on top drive and opened LTV on cement head - Dropped dart for lower plug - Commenced mix and pump 27.6m3 of 1.92 sg cement slurry with cement unit - Observed flag, dart landing and shearing out of lower plug after 3.1 m3 pumped with 107bar - Displaced cement slurry in cement line with 250 litres of drill water from cement unit - Dropped top dart - Displaced cement with 1.21sg OBM utilising MPs at 600 lpm / 1bar - Observed dart landing and top plug shear out with after 3.4m3 with 130bar - Continued to displace cement with 1.21sg OBM with 2000lpm /1- 51bar - Reduced flow to 800lpm / 31-40bar - Observed bottom plug landed in landing collar after 94.4 m3 and burst at 40 bar - Bumped plug at 122.2m3 with 50 bar FCP - Increased pressure to 112 bar while lining up cement unit - Equalized pressure to cement unit - Pressured up to 202 bar / 10 min - pressure tested 13 3/8" casing - OK - Pumped 650 litre from 112 bar to 202 bar - Bled down pressure to 112 bar and equalized pressure - 650 litre - Opened IBOP in Top Drive and bled of pressure rapidly - No back-flow observed. Floats holding - No losses observed during the cement job ****Well Acceptance Criteria**** Ref. 6.5 - Activity: TOC behind the 13 3/8" casing (main bore) - Program Value: Min: 200m above shoe - Actual Value: 300m above shoe - OK
09:15	1.00	355.0	RIG	P	INTCSG1	CEMT	TSTPRS	Set and tested 13 3/8" seal assembly. Set down 10MT on landing string Rotated string 5 RH turn Confirmed seal assembly in place Closed MPR and applied 275 bar for 2 min Bled off pressure Pressure tested seal assembly against MPR / well head connector to 20 bar 5 min and 234 bar / 10 min with cement pump Opened MPR Released 13 3/8" casing hanger running tool - observed 37MT overpull Picked up 3m and pumped with 3000 lpm / 16 bar Stopped pumping Re-landed and verification test to 235bar / 2 min - OK Bled off pressure and open BOP ****Well Acceptance Criteria**** Ref. 6.3.5.3 Activity: Pressure test 13 3/8" casing hanger seal assembly (main bore) Note: Seal assembly to be tested as pr. DQ procedure: HP: min WDP/10min w/1.11sg (surface pressure) Actual: 234bar w/1.21sg - OK
10:15	1.75	0.0	RIG	Р	INTCSG1	CEMT	TSTPRS	POOH with 13 3/8" casing hanger running tool. - R/B cement stand to mouse hole - Installed 2 x sponge balls in string - Pumped 1 x string volume with 2000 lpm/2 bar - POOH with 13 3/8" casing hanger running tool - L/D pup joint and 13 3/8" casing hanger running tool to cat walk
12:00	1.00	0.0	RIG	Р	INTCSG1	CEMT	TSTPRS	Displaced riser from 1.21sg OBM to SW due to upcoming adverse weather. - Displaced through kill, choke and boost line
13:00	1.25	355.0	RIG	Р	INTCSG1	CEMT	SETTST	Installed 13 3/8" wear bushing RIH with 13 3/8" wear bushing on 5 7/8" landing string - Installed 13 3/8" wear bushing - Installed 13 3/8" wear bushing - Closed UAP and pumped down kill line to 175 bar / 2 min

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										- Open	ed UAF	and pu	lled Multi P	urpose Too	ol (MPT) fre	e with 11N	/IT overpull	
14:15	0.75	0.0	RIG	Р	IN	rcsg1	CEMT	PO	ΟH	- Waite		AP to ref MPT on t	tract 5 7/8" landii	ng string				
15:00	0.75	0.0	RIG	Р	IN	rcsg1	CEMT	CLRF		Cleaned and cleared drill floor.								
										Meanwhile Set up BOP for disconnect								
15:45	8.25	0.0	RIG	N	IN	rcsg1	CEMT	WA	ΙT	Waited on weather in case of disconnect of LMRP.								
										16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00 00:00 Meanw	43 40 38 39 36 37 38 33 vhile.	6.20 6.30 6.10 5.60 5.70 6.30 6.50 6.40	9.90 9.00 9.60 9.20 8.20 9.00 9.50 0 10.80 0 11.70	3.2 3.6 3.8 3.7 3.8 4.0 4.2 4.5 4.6	Pitch deg 3.8 4.5 3.6 3.4 3.5 3.5 3.5 3.5 3.6	3.7 3.8 3.4 4.0 3.6 3.8 4.2 4.5 3.9	Wv per. 11.1 12.5 12.5 12.5 12.5 12.5 12.5 12.	
										- Performed general maintenance on drill floor equipment - Function tested BSRs from drillers cabin Blue POD								
-	11	MD()	11:-21	0-1		1h =	T			Jpdate				On a == 1'				
From 00:00	2.00	MD (m) 0.0	Unit RIG	Code N		hase CSG1	Task CEMT	Activ WA	_	Waited	d on wea	othor		Operation				
00.00	2.00	0.0	NO	NIG IN	IINI	10001	CEIVIT	VVA	AI I	- Monit	tored wi	nd, pitch		_	ane operation			
										01:00 02:00	37	6.20 6.20	9.90	3.2 3.2 3.2	Pitch deg 3.8 3.8	Roll deg 3.7 3.7	Wv per. 11.1 11.1	
								MeanwhileB/O and L/D cement stand										
02:00	4.00	4.00 0.0 RIG N INTCSG1 CEMT				WA	JT	- Assessed the situation with safety rep.										
									NF NF									
Sta	rt Date/	Time	End D	ate/Tim	ne l	Hrs.	Failure MI	O (m)		IPT Cau	use	NP1	Descriptio	n	Des	scription		
	0.2023		14.10.2023 24:00 8.25				0.0		WOW					Waited on weather in case of disconnect of LMRP.				
														Heav 16:00 3.2 17:00 3.6 18:00 3.8 19:00 3.8 21:00 4.0 22:00 4.2 23:00 4.5 00:00 4.6 Mear - Peri drill fl - Fun	3.8 4.3 4.5 4.5 4.5 4.5 4.5 4.5 3.6 3.8 3.4 3.9 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5	g Roll de 6.20 3.7 6.30 3.8 6.10 3.4 5.60 4.0 5.70 3.6 6.30 3.8 6.50 4.2 6.90 4.5 6.40 3.9 eral mainteent	g Wv per. 9.90 11.1 9.00 12.5 9.60 12.5 9.20 12.5 8.20 12.5 9.00 12.5 9.50 12.5 10.80 12.5 11.70 12.5	

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Mud Type :	Oil Based	G	al 10 Sec ·	14 (lt	of/100ft²)	Solids		11.00 (%)	Ca+ :		Fann D	ata @ 50.00°C
Time :		Gel 10 Sec: 14 (lbf/100ft²) Gel 10 Min: 18 (lbf/100ft²)						• •			65.00	
MD Check :		HTHP Temp. : 85.0 (°C)				ercent: 9	. ,	CI-:		R600 R300	41.00	
Mud Weight:		HTHP WL: 4.0 (cm ³ /30min)					` ,				33.00	
Pore Pressure :	1.21 (sg)		Filter Cake :				Oil / Glycol : Vater : 26.00 (%)					
PV:	24 (cP)						Vater: 26.00 (%) Dil to Water: 71/29			7.00 (ppb)	R6	25.00 12.00
YP:	17 (lbf/100ft²)		Funnel Visc: 1 (s/L)			Sand :		0.30 (%)		R3		
		3 1 00 6	a Pheauard C)BM s	and 65 m			mphony. Use Mic	crobar to in	crease der		11.00
Comments :	sg, and to we	ight up S	Slug. Add Pre	mix to	Active to	control rhe	eology.	IIprioriy. Ose iviii	CIODAI (O III		isity iii Active s	93(6)11 (0 1.21
Lost Surface Da	aily: 0 (m³)		Lost Downh	ola D	aily · O (r		Cuttings Cuttings [Daily: 0 (m³)		Ditch M:	ag Daily :	
Lost Surface Cu			Lost Downh				Cuttings (ag Dally . ag Cum. : 0.0	n (ka)
LOST Surface Ct	un 0 (m.)		LOST DOWNIN	ole Ci	um 0.0	` '	ilks	Juii 0.0 (ii	1)	DICHIVI	ag Culli U.C	o (kg)
	Item		Units	$\overline{}$	Qty. Sta		eceived	Adjusted	Retu	rne	Used	Oty Ends
Matar Datable	пеш		M3	+	Qly. Sla	III K		<u> </u>				Qty. Ends 365
Water, Potable			M3				0	10	0.0		72	1,089
Water, Drilling MGO / Diesel			M3	+			0	0	0.0		41	985
			m3				0	0	0.0		0	17
Lube Oil SLOP			m3	-			0	0	0.0		0	28
WASTE OIL				-								
			m3				0	0	0.0		0	10
Base Oil			M3				0	0	0.0		0	100
OBM			m3				0	0	0.0		133	221
BRINE			m3				0	0	0.0		0	0
Mud Waste			M3	_			0	7	0.0		0	74
Barite			tonnes	-			0	0	0.0		0	90
WBM			m3				0	0	0.0		0	34
CEMENT			tonnes			0	0	0.0		0	95	
Lube Mud			m3				0	0	0.0	0	0	27
						Pers	onnel					
Personnel On E			1 .							1	1	
	Company		Servi	ice	No	o. People		Company			Service	No. People
Neptune Energy	у					6	Odfjell Dr			Drilling		62
Odfjell Drilling			Extra					illing		Service		5
Odfjell Drilling			RIS			2	4Service					7
SLB			DD/MWD			4	Geoservi					2
MI Swaco			Mud Engine		2	MI Swacc)		Slop tre	atment	1	
MI Swaco			Cuttings		8	SLB		Digitaliz		2		
Dril-Quip					2	Halliburto		Cement		3		
Oceaneering					4	Geoservi	ces	Sample	catcher / Flair	4		
							ather	T =				
Time Wind	Speed (kn)	Wind D	irection (°)	Gus	t Speed (·	Pressure	Temp. Min. ((°C) Temp	o. Max. (°C) Ceiling (m)	Visibility (km)
00.00	22	21	20.00		40.00		(mbar)	0.0		10.0		40.0
00:00	33	33	30.00		46.00	Geo	998 logy	8.0		10.0		10.0
Formati	on Name	Ac	ctual Depth M	D		Depth TVD			Co	mment		
	o.i i idilio		(m RT)		(m	RT)						
Top Nordland				3.00		331.00						
Utsira			567	7.00		539.60						
Top Rogaland ι	unconformity		604.00			576.60						
Våle			1,230.00			1,168.20						
Jorsalfare			1,318			1,252.40 1,307.50						
Kyrre			1 37/									

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