

Chikyu DAILY MORNING REPORT

Mission No.: **CK18-04** Exp. No.: **Exp 358**

Report No.: **33**

Site Name **C0002** Hole Name **C0002P** Lat. **33° 18.0507'N** Long. **136° 38.2029'E** Seabed Depth: **1,967.5** mBRT RT-MSL: **28.5** m Report Date: **9/Nov/2018**
 Depth @ 06:00 **4,902.0** mBRT mbsf Progress: **0.0** m Drilling/Coring/Underreaming Hrs.: **0.00** hrs Last BOP PT: **11/15/18**
 Depth @ 06:00 **4,902.0** mBRT mbsf LAST CASING: **11-34"** x **2,922.60** mbsf **4,890.0** mBRT Last BOP FT: **11/1/18**
 Summary of Operation on **8-Nov**: **POOH whipstock assembly from 140mBRT to surface. Service rig. RIH whipstock assembly to 3,845mBRT.**
 Present Operation @ 06:00 on **9-Nov**: **Rig up wireline.**
 Time Breakdown (00:00 - 24:00 on **8-Nov**)
 mBRT: meter below rotary table
 mbsf: meter below sea floor

From	To	Hrs	Code	Depth(mBRT)	Detail of Operation
0:00	4:15	4:15	OTHER(N)		POOH whipstock assembly from 140mBRT to surface. Lay out whipstock assembly. Tool condition: - All 4 side ports on NAMCBPV partially / fully plugged (2x partially plugged by mud, 1x fully plugged by mud, 1x partially plugged by mud and plastic tape). - Internal filter on NAMCBPV top sub is fully plugged by debris (70% cuttings / 10% cement / 20% rust). - NAMCBPV piston and sleeve slots stick lined up position. - Hydraulic oil inside running tool and whipstock are contaminated with debris above.
4:15	5:00	0:45	OTHER(N)		Service rig. Grease up CMC and HPS. Clean up rig floor. Concurrently flush choke / kill line using rig pump.
5:00	10:00	5:00	OTHER(N)		Make up whipstock assembly #2. Pick up back up whipstock from deck. Secure whipstock by SLB whipstock false rotary at rotary table. Pick up back up Tri-mill and running tool. Connect Tri-mill to whipstock with break bolt and locking pin. Install 2 x 20/32" nozzles. Install a hydraulic hose from one of the nozzles to whipstock. Fill up hydraulic oil into running tool. Wait for 15mins to remove air inside hose and running tool. Install floating piston. Pick up and make up UBHO sub (Re-run). Check offset between UBHO sub and whipstock face - Offset: whipstock faces 52deg clockwise from UBHO face. Confirm the gyro stinger seats onto UBHO sub properly - lead tail tale broken after landing test. Make up 4 stands of 8-1/2" coring DC, 3 stands of HWDP and churchhill drift sub.
10:00	24:00	14:00	OTHER(N)		RIH whipstock assembly #2 from 255mBRT to 3,845mBRT. Fill up string every 15 stands with 2m ³ of H-vis without sealant and saltex first (340m column inside DP), then 1.33sg mud without sealant and saltex. Control running speed at 10m/min. Observe no losses/Gains and no drags while running. UBHO round length: 0.52m Offset from UBHO to whipstock face distance on round : 0.075m
<p>[BOP failure]</p> <ul style="list-style-type: none"> - Blue communication CH B - Blue lower annular UOK/Close, Leak - Blue UIC/Open, Leak - Blue Booster/Close, Leak - Yellow Upper pipe ram/Open, Leak - Yellow LIK/Open, Close malfunction - Yellow OGB, Open, Leak <p>24hr ditch magnet weight: 0 kg (total 4.72kg)</p> <p>[Offline activities] Continue investigation on diverter malfunction.</p> <p>[Vessel status] 07:00 - 08:45: Inspection for azimuth thruster (2S, 4P). WSOG status "Advisory". 12:55 - 14:45: Inspection for azimuth thruster (3C, 4S). WSOG status "Advisory".</p>					

Time Breakdown (00:00 - 06:00 on **9-Nov**) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Depth(mBRT)	Detail of Operation
0:00	4:00	4:00	OTHER(N)		RIH whipstock assembly #2 from 3,845mBRT to 4,838mBRT. Fill up string every 15 stands with 1.33sg mud without sealant and saltex. Control running speed at 10m/min. Observe no losses/Gains and no drags while running.
4:00	5:15	1:15	OTHER(N)		Lower whipstock and tag top of Bridge Plug Open CMC. Record pick up weight and slack off weight; PU: 3,280kN, SO: 3,050kN. Lower whipstock assembly and tag top of EZSV at 4,869mBRT with 20kN down. Confirm tide table - good correlation. Mark #1 on drill pipe at rotary table. Pick up 5m from Mark #1 and paint Mark #2 on dell pipe at rotary table with last tag. Reciprocate string 3 times for 20m.
5:15	6:00	0:45	OTHER(N)		Rig up wireline equipment and sheave.

Bit No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (mBRT) From To	Meter-age	Hrs.	WOB (kN) Min. Max.	rpm Min. Max.	Total Rev. (krev)	Inner	Outer	Dull Condition

#	Whipstock	Hook Wt (kN) @24:00hrs	3,845.0	mBRT
	Anchor/Whipstock Assembly x 10-5/8" OD Trill mill x 8" OD Running Tool x 6-5/8" HWDP (1 jt, provided by SLB) x XO #1 x 8" UBHO Sub x XO #2 x XO #3 x 8-1/2" Coring DC (4stds) x XO #4 x 5.68" HWDP (3 stds) x Churchill drift catcher sub x XO #5 x 5" DP S-140 (23 stds) x XO #6 x 5-1/2" DP S-150 (50 stds) x XO #7 x 6-5/8" DP Z-140 (22 stds) x 6-5/8" DP UD-165			

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	6rpm	Gel St (10 ³ , 10 ¹)	API	Cake	pH	PI	Cl-	Sand	Oil	Solid	MBC	Temp In	Temp Out	K+	n	K	LGS	FIT 20/40 (mm) 0 min 1 min
KNPP	4:00	Pit	1.33	120	26	33	12	10	16	3.0	0.5	10.4	1.8	142,000	Tr	14.0		27		22,000	0.53	2.21		
KNPP	15:30	Pit	1.33	90	22	34	10	10	14	2.9	0.7	10.6	1.2	135,000	Tr	14.0		28		21,400	0.48	2.84		
Hi-Vis		Pit	1.33	200	26	58	21	18	35											0.39	7.43			

Mud Pump: 14-P-220 @ 5.00 gallon/stroke @97%	Personnel @24:00	Mud Materials on Board @24:00hrs (unit: kg)
	CDEX 11 MQJ Crew 98 MQJ (SC, Other) 2 MWJ 15 Scientist 4	Barite (Bulk) 730,000 Caustic Soda 1,200 Lime 200 Soda Ash 500 Caustic Potash 1,425 Tel-Polymer DX / L / H 3820/640/0 XCD-Polymer 1,050 Lignite NC 4,500 Clean Lube W 6,000 Tel Clean W 6,400 Aster-S 5,300 Deformer 30C 400 Tell DD 3,200 Bi-Carbonate 1,250 Citric Acid 2,275 Tan Cal M / F / FF 1,020 / 210 / 510 Telinite GXL 684 Treat-HS 9,200 Mud Seal P 130 Tel Plug C / M / F 500 / 500 / 500 Tel Stop P / G 500 / 260 Balolift 300 Disical D 0 Tel Flow P 0 Poro Seal 2,310 Steel Seal 50 2,250 KCI 7,000 NaCl 6,000 Fraceal 4,000 Stopseal 8,000 Bentonate(Bulk) 46,000

Geologic Information	Shale Shaker	Centrifuge: hrs
From To Lithology of cuttings	No.1 20, 80 x 2ea No.4 20, 80 x 2ea No.1 off No.2 20, 80 x 2ea No.5 20, 80 x 2ea No.2 off No.3 20, 80 x 2ea No.6 20, 80 x 2ea No.3 off	

Item	Unit	Stock	Used	Received
Fresh Water	m3	313.0	95.5	102.5
Potable Water	m3	227.0	5.0	0.0
Drill Water	m3	1,875.0	20.0	0.0
Fuel	m3	6,743.7	46.8	0.0
Lube, Oil	Ltrs	122,700	0	0
Helix Fuel	Ltrs	0.0	0.0	0.0
Cement "GWC"	ton	186.0	0.0	0.0
Cement "G"	ton	97.0	0.0	0.0

Boat Name	Status	Time @Chikyu
#8 Meiji-maru	Nachi-Katsuura	11:00 (16:00)
Akatsuki	Chikyu	

Time	Weather	Temp. (degC) Air SW	Barometer (hPa)	Wind Speed (m/s)	Dir. (deg)	Gust (m/s)	Wave Height (m)	Dir. (deg)	Period (s)	Current Speed (knt)	Dir. (deg)	Visibility (km)
24:00	bc	20.0 : 22.0	1021.6	10.4	96	11.5	2.0	70	6.2	0.7	235	22.0

Today's Schedule: Set whipstock. Mill casing window.

Reported by: A. Suzuki / T. Nishiyama
Approved by: T. Ikawa