

Chikyu DAILY MORNING REPORT

Mission No. : CK18-01

Exp. No. 380

Report No. : 8

Site Name : C0006 Hole Name : C0006G Lat. 33° 01.6388'N Long. 136°47.6463'E Report Date : 20/Jan/2018
 Depth : @24:00 4,299.0 mBRT 399.0 mbsf Progress : 0.0 m Seabed Depth : 3,900.00 mBRT RT-MSL : 28.5 m
 Depth : @06:00 4,299.0 mBRT 399.0 mbsf Drilling/Coring/Jetting Hrs. : 15.47 hrs LAST CASING : 20in x 54.00 mbsf
 Summary of Operation on 19-Jan : Cont. Wiper Trip. Spot SWG. Run UWTV. Recover DAT. Recover UWTV. POOH to surface. MU & Run 9-5/8"CSG.
 Present Operation on 20-Jan : Cont. Run 9-5/8"CSG. mBRT: meter below rotary table
 Time Breakdown (00:00 - 24:00 on 19-Jan) mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	2:15	2:15	TRIP	Continue wiper trip from 4261 to 3957mBRT (4m below 20in CSG shoe). From 4296 to 3957mBRT, no observe excess drag From 3957 to 4298mBRT, no observe excess drag, confirm 1m fill
2:15	3:15	1:00	C&C	Sweep out 10m3 of SWG two times and spot 12m3 of SWG. HPS: 10rpm x 0.8kNm
3:00	4:00	1:00	OTHER	Pick up string to 3966mBRT No observe excess drag, from 4298 to 3966mBRT
4:00	7:00	3:00	OTHER	Run UWTV to 10m above wellhead RGR door open by NuStar engineer, While UWTV preparing
7:00	8:15	1:15	OTHER	Recover DAT from wellhead. DAT observed no damage and still inside the wellhead. Actuation sleeve found in unlock position. OK Attempt to recover DAT by picking up string w/CMC, but fail to recover by applying 120kN OP max. No success. Start pumping w/250gpm x 1.5MPa and 500gpm x 5.4MPa, and pop off #3 blow out. Repair same. Restart pumping w/750gpm x 12.3MPa and increase CMC pressure to 120kN OP max. No success. Apply rotation and torque of 5kN-m with max 120kN OP (CMC). No Success Lock CMC and mark pipe of max 120kN OP with 400gpm x 3.3MPa several times. DAT released. Derrick inspection: Observe no issue on equipment.
8:15	10:00	1:45	OTHER	Recover UWTV to surface. Shift RGR to AFT and remove UWTV from guide sheave and drillpipe.
10:00	23:00	13:00	TRIP	POOH to surface Clear bit from wellhead in one go. Remove anti-rotation key from DAT at moon pool before DAT pass through master bushing. Apply tugger and set back to mate body anti rotation key and stem. Lock the tool with safety clamp. Lay out DAT, Spacer sub, stabilizer, mud motor and bit. Bit: in gauge, STB OD: 12-3/16in, Motor gap 1/8in(Free weight 3-1/8in, compress 3in) -Same as before running.
23:00	24:00	1:00	CSG	MU & Run 9-5/8"CSG (23:00-24:00) Rig up CSG handling equipment, change elevator insert and grease up HPS. (0:00 - 16:00) Activation kit pressure test -OK

Time Breakdown (00:00 - 06:00 on 20-Jan) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	6:00	6:00	CSG	Continue MU & Run 9-5/8"CSG to 275mBRT. (00:00-00:30) Rig up CSG handling equipment. (00:30-01:00) Hold TBRA. Check float valve at shoe joint.-OK Dope thread locking compound on first 7 jts and install bow centralizer on first 2 jts. Check float valve at collar joint.-OK Fill up every 10joints. Applied rig tong as back up when float collar joint is made up.

Bit No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (mBRT)	Meter-age	Hrs.	WOB (kN)	rpm	Total Rev. (krev)	Inner	Outer	Dull Condition
RR1c	12.25	NOV	DSH616D	M423	A16762	6 x 12, 3 x 13	3900.0 To 4,299.0	399.0	16.62	0 Min. ; 60 Max.	0 Min. ; 30 Max.	112.1	0	1	CT

BHA Record	Hook Wt. (kN) @	mBRT
1 Inner string 12-1/4"Bit x 9-5/8"Motor x 8"Screen sub x XO x 8"Float sub w/float x 12-1/4"stabilizer x 8-1/2"DC (4) x 8"Spacer sub (4) x 8"Pony collar x DAT x 8-1/2"Coring DC 6m pup (1) x 8-1/2"Coring DC (6) x XO	0	600
		220
		600

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gel St. (10", 10')	WL	Cake	pH	PF	Cl-	Sand	Oil	Solid	K+	LGS	MBC	Temp In	Temp Out	n	K
PHG	9:00		1.06	259	66	92	40	58		8.9									16	16	0.50	6.84
SWG	15:00		1.11	300	48	120	90	112		11.0									16	16	0.36	17.52
Kill mud	10:00		1.30	113	26	38	40	52		11.0									16	16	0.49	2.98

From	To	Lithology of core
0:00	24:00	S/B Akatsuki
0:00	24:00	G/B Meijimaru #8

Personnel @24:00	Count
CDEx	9
Scientist	23
MJQ Crew	94
MJQ (Other)	3
MWJ	15
NuStar	3
Cementing (Sch)	3
Motor (Halliburton)	1
Telinite	1
Trainee	5
Franks	2
Total	159

Mud Pumps : 14-P-220 @ 5.00 gallon/stroke @97%	No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)
1	6	150	750	12.3	20	18
2	6					
3	6					

Mud Materials on Board @24:00hrs (unit: kg)	Item	Received	Used	Stock
Barite (Bulk) *				271,000
TEL-GEL (Bulk)				38,000
Kunigel VO (Bulk)				41,000
Caustic soda		125		1,475
Lime		100		1,200
XCD-Polymer				100
Baracor-100			210	210
Telinite OS-5			75	150
Deformer 30C				0
KCl				0
NaCl				25,000

Safety (HSE) and other information	Incident	Last Incident	No. LTA
		18	

Materials Stock on Board @24:00	Item	Unit	Received	Used	Stock
Fresh Water	m3	82.8		66.0	289.3
Potable Water	m3	0.0		2.1	331.6
Drill Water	m3	0.0		7.2	2,084.0
Fuel	m3	0.0		42.5	4,147.1
Lube, Oil	Ltrs	0.0		500	90,000
Heli Fuel	Ltrs	0.0		0	0.0

Marine Information @24:00	Heave (m)	Pitch (deg)	Roll (deg)	Vessel Heading (deg)	Riser Tension (ton)	V.D. Load (ton)	Max Draught (m)	Thruster (kW)
	0.5	0.3	0.1	10	-	12600.8	9.00	880

Weather Information	Time	Weather	Temp. (degC)	Barometer (hPa)	Wind (m/s)	Dir. (deg)	Gust (m/s)	Height (m)	Dir. (deg)	Period (s)	Speed(knt)	Dir. (deg)	Visibility (km)
	24:00	bc	13.0	1018.6	8.6	280.0	9.6	1.3	300	6.3	0.8	242	22

Today's Schedule : Cont. Run 9-5/8"CSG. Charge accumulator of Activation kit. Run UWTV. Re-entry, 9-5/8"CSG Cementing. Reported by : Keita. Tabuchi / T.Yokoyama Approved by : T.Saruhashi