

Chikyu DAILY MORNING REPORT

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

Report No. : 30

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 : 6/Nov/2018

Depth : @24:00 4,902.0 mBRT mbsf Progress : 0.0 m Drilling/Coring/Underreaming Hrs. : 0.00 hrs Last BOP PT : 10/25/2018 Next BOP PT : 11/15/2018
 Depth : @06:00 4,902.0 mBRT mbsf LAST CASING : 11-3/4" x 2,922.50 mbsf (4,890.0 mBRT) Last BOP FT : 11/1/2018 Next BOP FT : 11/8/2018
 Summary of Operation on 5-Nov : Cont. POOH setting tool. Pressure test against EZSV. R/D WL tools. Slip&cut. Surface test NAMCBPV. MU&RIH whipstock. Last Glycol 35gal Inj. 30 October 2018
 Present Operation @ 06:00 on 6-Nov : RIH whipstock at 3,013mBRT. mBRT: meter below rotary table mbsf: meter below sea floor

Time Breakdown (00:00 - 24:00 on 5-Nov)				Detail of Operation	
From	To	Hrs	Code	Depth(mBRT)	
0:00	1:45	1:45	LOG		Continue to POOH plug setting tool to surface. Close CMC at 50mBRT. Recover some metal debris around CCL tool. Confirm EZSV bridge plug is released from running tool. Concurrently flush pressure test line from cement unit to choke line with 5bbl.
1:45	2:30	0:45	BOPE		Pressure test against EZSV to 3,300psi for 5min by cementing pump - good test. Pressure test surface line to 3,500psi for 5mins - good test. Close BSR. Pressure test against EZSV with 3,300psi by cementing pump - good test. Bleed off pressure. Pumped 12.8bbl, returned 12.8bbl.
2:30	3:45	1:15	LOG		Rig down wireline equipment.
3:45	10:30	6:45	RS		Slip and cut 50m drill line. Calibrate hook height. Test zone management system. Concurrently modify service loop deflection bar on HPS.
10:30	13:15	2:45	TRIP		Surface test Non-Advanced Multi Cycle Bypass Valve (NAMCBPV). Pick up NAMCBPV test assembly from auxiliary well to main well. Make up to HPS. Flush surface line from cement unit through standpipe manifold. Perform "Circulation / Stop" cycle 6 times to cycle NAMCBPV piston using rig pump. Cycle # Flow rate [gpm] SPP [Mpa] On the 6th cycle, pressure suddenly increased due to closing valve at 250gpm. Stop pump. 1. 400 3.0 Increase pressure to 33.4MPa (4,840psi) and hold for 5mins - good test. 2. 400 3.0 Bleed off pressure. 3. 400 3.0 Break out NAMCBPV top sub. Re-set NAMCBPV to initial condition. 4. 400 3.0 5. 400 3.0 6. 250 33.4
13:15	24:00	10:45	TRIP		MU and RIH 11-3/4" whipstock to 1,123mBRT. Hold TBRA at each steps of running whipstock. (13:15-14:15) PU whipstock with tailing by #3 crane. Secure whipstock by SLB whipstock false rotary at rotary table. (14:15-15:15) PU and MU Tri-mill with break bolt and locking pin. Install 2 x 20/32" nozzles. Plug one nozzle and connect hydraulic hose for expandable anchor to the other. (15:15-16:45) Fill up hydraulic oil into Running tool and wait 10min. for removing air inside hose and piping, and install floating piston. (16:15-17:15) PU and MU NAMCBPV and Universal Bottom Hole Orientation (UBHO) sub. (17:15-18:15) Test Gyro stinger to UBHO sub. Confirm the stinger seats onto UBHO sub properly and is aligned to the mark of UBHO sub. Check lead tell tale shows the stinger landed: Observe lead tell tale broken. Check offset between UBHO sub and whipstock face. Offset: 311deg CW. UBHO OD: 0.67m (17:15-20:30) MU 12jts of 8-1/2" coring collar and 4stds of HWDP. Offset from UBHO to whipstock face: 0.58m Pick up and make up 2stds (6jts) of 8-1/2" coring collar from derrick, 6jts from deck in single. Check Gyro stinger passes through churchill drift sub and XO subs: OK. (20:30-24:00) RIH whipstock on drillpipes. Control running speed at 10m/min. Observe no losses/Gains and no drags while running. 24hr ditch magnet weight: 0 kg (total 4.72kg) [BOP failure] - Blue communication CHB - 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

Time Breakdown (00:00 - 06:00 on 6-Nov) * The data on 00:00 - 06:00 is unofficial.

Time Breakdown (00:00 - 06:00 on 6-Nov)				Detail of Operation	
From	To	Hrs	Code	Depth(mBRT)	
0:00	6:00	6:00	TRIP		RIH 11-3/4" whipstock from 1,123mBRT to 3,013mBRT. Control running speed at 10m/min. Observe no losses/Gains and no drags while running.

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	Loc.	B	G	O.D.	RP

#	Whipstock	Hook Wt. (kN) @24:00hrs	1,123.0	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 NAMCBPV x XO #1 x 8" UBHO Sub x XO #2 x Xo #3 x 8-1/2" Coring DC (4stds) x XO #4 x 5-5/8" 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-190 (50 stds) x XO #7 x 6-3/8" DP Z-140 (22 stds) x 6-5/8" DP UD-165			

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	VV	6rpm	Gel St. (10', 10')	API	Cake	pH	PI	Cl-	Sand	Oil	Solid	MBC	Temp In	Temp Out	K+	n	K	LGS	FIT 20/40 (mm)	
KNPP	18:00	Pit	1.33	54	12	26	8	7	10	2.8	0.5	9.9	0.2	138,000	0.25	15.0	0.25	23	21,400	0.40	3.22			14	98

No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)	DC	DP
1	6"	0	0				
2	6"(Booster)	0	0	0.0	0	0	0
3	6"	0	0				

From	To	Lithology of cuttings

Item	Unit	Stock	Used	Received
Fresh Water	m3	291.0	96.8	102.3
Potable Water	m3	245.0	2.5	0.0
Drill Water	m3	1,918.0	5.0	0.0
Fuel	m3	6,884.7	46.0	0.0
Lube Oil	Ltrs	123,600	1,000	0
Heil 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

Item	Unit	Stock	Used	Received
Mud Pump (1.33)	362			
Old Mud(Contami)	359			
Slug mud	8			
KNPP mud (1.37)	59			
total	788			

Time	Weather	Temp. (degC) Air SW	Barometer (hPa)	Wind Speed (m/s)	Dir. (deg)	Gust (m/s)	Height (m)	Dir. (deg)	Period (s)	Current Speed (knt)	Dir. (deg)	Visibility (km)
24:00	o	21.0 22.3	1020.1	10.1	135	12.0	1.9	110	6.1	0.8	218	22.0

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

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