

Chikyū DAILY MORNING REPORT

Mission No. : CK13-04

Exp. No. : Exp 348

Report No. :

64

Site Name : C0002 Hole Name : C0002N Lat. 33° 18.0607'N Long. 136° 38.2029'E
 Depth : @24:00 4297.5 mBRT 2330.0 mbsf Progress : 37.50 m Sealed Depth : 1,967.50 mBRT RT.MSL : 28.6 m
 Depth : @06:00 4297.5 mBRT 2330.0 mbsf Drilling/Coring/Jetting Hrs. : 1.25 hrs LAST CASING : 20" x 860.30 mbsf (2,827.8 mBRT)
 Summary of Operation on 15-Nov : POOH drilling assembly. Retrieve Nominal Sheet Protector.
 Present Operation @ 06:00 on 16-Nov : POOH WBRT.
 Time Breakdown (00:00 - 24:00) on 15-Nov
 mBRT: meter below rotary table
 mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	0:30	0:30	CAC	Connect HPS. Spot 10m3 of LCM @2858mBRT (30m below 20" casing shoe).
0:30	1:00	0:30	Trip	POOH to 2803.5mBRT (inside 20" casing). Flow check 15min. No loss and no gain.
1:00	1:45	0:45	Other	Function test: BOF. Yellow by driller's house monitor. Blue by TP house monitor. All function good. (Upper annular indicate undefined while closing by yellow pod): OK
1:45	7:30	5:45	Trip	Resume POOH from 2858m to 277mBRT.
Meanwhile:				
Make stand of Casing hanger +PADPRT w/SST stand. Rack back in derrick.				
Make stand of Smith Cement head installed. Two darts and three 6-5/8" landing string jts. Secure on aux hole.				
7:30	9:45	2:15	Trip	Lay out 17" LWD BHA. 16-5/8" Sleeve stabilizer gauge: 16-5/8" (no wear)
Meanwhile:				
Function test of Blind Shear Ram (Normal close, high pressure close, ST lock) and Super Shear Ram (Normal close and high pressure close):				
9:45	10:30	0:45	Log	Download LWD data from 8" HF RLL at 10mBRT successfully.
10:30	12:00	1:30	Trip	Resume to lay out 17" LWD BHA. Break off bit, good condition. (detail below bit record)
16-7/8" IL Stab gauge: 16-27/32" (1/32" down)				
12:00	12:30	0:30	CSG(trip)	RIU for WBRT run
12:30	13:30	1:00	CSG(trip)	Make up WBRT assembly. Check dog function of WBRT by Velco engineer.
13:30	17:00	3:30	CSG(trip)	RIH to wellhead.
17:00	18:00	1:00	CSG(trip)	Connect top drive and break circulation at 1960mBRT Wash and clean from 1952m to 1965m BRT (Upper Annular to NSP) 3 times with 120spm x 9.5Mpa
18:00	19:00	1:00	CSG(trip)	Lands out tool on NSP at landing point at 1963.1mBRT. Apply left hand turn with 3kNm and set weight down 50kN. Pass the tool through Upper Annular at 1952mBRT. Take weight of 45kN at Upper Annular. Check the depth with indication line. Full NSP with no overpull and continue to POOH to pass Upper Choke Pumped down choke line to see indication while NSP passing in front of upper choke line. Confirm positive indication with pressure increment from 1.8MPa to 2.5MPa with 40spm. Overpull at Upper Annular 80kN while passing through upper annular.
19:00	19:30	0:30	CSG(trip)	POOH to wellhead and clean wellhead from 1960mBRT to 1965mBRT with 120spm x 9.5Mpa
19:30	0:00	4:30	CSG(trip)	Continue to POOH to surface. Found NSP is not retrieved.
Boat: Kaiyu: Arrived on location at 19:45. Offload cutting skip x 20. Current survey 5 miles SW. Shincho-maru: Current survey at 10 miles SW.				
Notes:				
Sea current @ Chikyū: 0.2-1.2 knot				

From	To	Hrs	Code	Detail of Operation
0:00	4:15	4:15	CSG(trip)	Check function, service WBRT. Set up tool with lock dogs retracted. RIH with WBRT to retrieve NSP to jetting tool depth 2099m. (WBRT depth 1963.2mBRT) Take Weight 40kN at Upper Annular
4:15	5:00	0:45	CSG(trip)	Slack off 150kN. Pick up to 50kN and then slack off 100kN. Turn Four left turn (-5.0kNm) due to slippage of tool. Monitor pump pressure w/80spm pumping. (80 spm x 3.2 Mpa, indicate pressure up 8.0-9.5Mpa for 1.5m while NSP passing Upper Choke Area) Lock compensator at 1965mBRT and pass upper annular with 150kN OP. Tried to check with indication with booster line for NSP pass but not clear due to the larger bore.
5:00	5:30	0:30	CSG(trip)	POOH to 1962mBRT
5:30	6:00	0:30	CSG(trip)	Jet wellhead area w/120spm x 7.7 Mpa.
Boat:				
Sea current: Chikyū 0.6 knot @6:00.				

BT	No	Size (in)	MFR	Type	IADC Code	S.No.	Nozies	Depth (m)	Meter-age	Hrs.	WOB (kN)	rpm	Total Rev	Inner	Outer	Dull	Dull Condition						
2	17"	17"	Smith(S519)	PDC	S223	SD0749	12 x 10	3976.0	321.5	8.25	20	110	164	180	190.0	0	1	WT	S	B	G	O.D.	RP
								From	To		Min	Max											

BHA Record	Item	Quantity	Unit	Remarks
17DRLG	2	17" Bore x 6m Poly DC x 16-7/8" IL Stab x 8"DGR x 8"EWR x 8"PWD x 8"HCM (new) x MWD Down screen x Float Sub (w/float) x XO x 16-5/8"stab x XO x 8-1/2"DC(12) x 8" Hydraulic Jar x 8-1/2"DC(2) x XO x 5.68"HWD(12) x XO x 5"DPS-140 62 stas x 5-1/2"DPS-140 19stas x XO x 5-1/2"DPS-150		
WBRT		Jetting sub x XO x 5-1/2"DPS-140 (1stas) x XO x 8-1/2"DC for drilling (2 stas) x XO x 5-1/2"DPS-140 (1stas) x XO x WBRT x XO x 5-1/2"DPS-150 (6m pup) x 5"DPS-140 (20stas) x XO x 5-1/2"DPS-140 (20stas) x 5-1/2"DPS-150		

Mud Properties	Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gel St (10" 10')	WL	Cake	pH	PI	Cl-	Sand	Oil	Solid	MBC	Temp (In/Out)	K+	n	K	LGS
KNPP	2:00	Pt	1.13	113	40	48	9	12	3.0	0.5	10.1	0.1	78.100	0.2	0	7.5	1	18	26,900	0.54	3.03	1.8
KNPP	17:00	Pt	1.13	113	39	45	9	11	3.0	0.5	10.0	0.1	78.100	0.2	0	7.5	1	18	26,900	0.51	2.13	1.8

Mud Pumps	14-P-220	@ 4297.5 mBRT	5.00	gallon/stroke @97%			
No.	Liner Size	SPM	GPM	Press. (MPa)	Am. Vel. (min/m)	DC	DP
1	6"	0	0	0.0	0	0	0
2	6"	0	0	0.0	0	0	0
3	6"	0	0	0.0	0	0	0

Geologic Information	From	To	Lithology of cuttings

Shale Shaker	No.1	#10, #175 x 2	No.4	#10, #180 x 2	No.1	4.0
No.2	#10, #175 x 2	No.5	#10, #180 x 2	No.2	4.0	
No.3	#10, #180 x 2	No.6	#10, #180 x 2	No.3	off	

Materials Stock on Board @24:00	Item	Unit	Received	Used	Stock
Fresh Water	m3	38.4	100.8	267.0	
Potable Water	m3	109.1	6.1	352.2	
Drill Water	m3	0.0	4.5	1,737.1	
Fuel	m3	0.0	48.1	5,422.3	
Lube Oil	Ltrs	0.0	0.0	80,500.0	
Heli Fuel	Ltrs	0.0	0.0	0.0	
Cement "GW"	ton	0.0	0.0	82.0	
Cement "G"	ton	0.0	0.0	161.0	

Boat Information @24:00	Boat Name	Status	Time @Chikyū	Departed	Arrived
	Kaiyu	Chikyū	4:00	-	-
	Shincho-maru	Chikyū	-	-	-
	Hakuryu-maru	Current survey @ 5miles SW	-	-	19:45

Weather Information	Time	Weather	Temp. (degC)	Barometer (hPa)	Wind (m/s)	Dir. (deg)	Wave (m)	Dir. (deg)	Period (s)	Current (cm)	Dir. (deg)	Visibility (km)		
	24:00	bc	16.0	21.7	1017.1	11.9	350.0	13.3	1.2	20	5.6	0.9	257	22.0

Today's Schedule : POOH. Retrieve Nominal Sheet Protector. Prepare for 13-3/8" casing run.

Reported by : S. Yamada / T. Yokoyama / D. Kenomoto
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