

Chikyu DAILY MORNING REPORT

Mission No. : CK13-04

Exp. No. : Exp 348

Report No. : 92

Site Name : C0002 Hole Name : C0002N Lat. : 33° 18.0507'N Long. : 136° 38.2029'E Report Date : 14/Dec/2013
 Depth : @24.00 : 4297.5 mBRT 2330.0 mbsf Progress : m Seated Depth : 1,967.50 mBRT RTASL : 28.5 m
 Depth : @06.00 : 4297.5 mBRT 2330.0 mbsf Drilling/Coring/Jetting Hrs. : hrs LAST CASING : 13-3/8" x 2,010.00 mbsf(3,977.5 mBRT)
 Summary of Operation on 13-Dec : RIH to top of B/P. Circulation and bottoms up. POOH. Make up and RIH whipstock assembly.
 Present Operation @ 06:00 on 14-Dec : RIH whipstock assembly in 13-3/8" casing. mBRT: meter below rotary table
 Time Breakdown (00:00 - 24:00 on 13-Dec) mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation
0:00	0:15	0:15	RS	Continue servicing HPS. Install auto slip.
0:15	7:00	6:45	Trip	Resume running simulation run BHA from 1304 to 3916mBRT. No excess drag was observed in high DLS intervals (max 2.37% @ 2966mBRT). Normal drag up 50kN, down 40kN at 3700mBRT. Wash down with 18spm x 1.2MPa from 3851mBRT and 30spm x 1.8MPa from 3888mBRT. Tag on top of bridge plug @ 3916mBRT (tide corrected).
7:00	9:00	2:00	C&C	Circulation and bottoms up with 190spm x 2.2 MPa and booster 90spm x 5.1MPa 1m above top of plug. Change shale shaker screen from #180 to #110 mesh.
9:00	19:45	10:45	Trip	POOH simulation run BHA to surface. Gauge OD of lead, secondary and steering mill, all 12.28".
19:45	21:00	1:15	Trip(other)	Lay down 1 joint of 8-1/2"DC and 12-1/4" stabilizer. Pick up and move whipstock to RTS.
21:00	22:30	1:30	Trip	Make up mill assembly and attach whipstock on lead mill with shear pin. Set whipstock on rotary table with anchor. Install 2ea shear screw (total shear rate: 13,500lbs) and remove safety bolt. Attach whipstock on lead mill with shear bolt (shear rate: 59,000lbs).
22:30	24:00	1:30	Trip	RIH whipstock assembly to 180mBRT.
<p>Note: (13:00 - 19:30) DP status: advisory. Glycol injection: LMRP/BOP: 3/5 gal (2 times every 12hrs) Sea current: Chikyu 0.2 - 0.7 knot. SW 5mile 1.4 - 1.3 knot.</p>				
Time Breakdown (00:00 - 06:00 on 14-Dec) * The data on 00:00 - 06:00 is unofficial.				

From	To	Hrs	Code	Detail of Operation
0:00	5:00	5:00	Trip	Continue RIH whipstock assembly from 180 - 1912mBRT.
5:00	5:30	0:30	RS	Service HPS.
5:30	6:00	0:30	Trip	Resume RIH whipstock from 1912 - 1987mBRT. No drag was observed while running BOP and wellhead area.
<p>Note: Sea current: Chikyu 1.3 knot. SW 5mile 3.6 knot @ 6:00.</p>				

BIT No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (m)	Meterage	Hrs.	WOB (kN)	rpm	Total Rev (krev)	Inner	Outer	Dull	Dull Condition
BHA Record																
Mill BHA : Lead Mill x 8-1/2"DC(1) x 12-1/4"Stab x Secondary Mill x Flex Mandrel x Steering Mill x 8-1/2"DC(9) x XO x XO x 8-1/2"cooring DC(12) x XO x 5.68"HWDP(12) x XO x 5"DP S-140 26stds																
Whipstock : Whipstock x Lead Mill x Secondary Mill x Flex Mandrel x Steering Mill x 8-1/2"DC(9) x XO x XO x 8-1/2"cooring DC(12) x XO x 5.68"HWDP(12) x XO x 5"DP S-140 26stds																

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gal St (10' / 07')	WL	Cake	pH	PI	Cl-	Sand	Oil	Solid	MBC	Temp (In/Out)	K+	n	K	LGS			
KNPP	9:00	3,915	1.15	90	38	34	4	7	3.7	0.5	12.2	0.2	78.100	0.3	0	8.0	1.00	15	11	30,500	0.61	1.59	1.4	
KNPP	16:00	pit	1.15	79	37	31	4	6	3.5	0.5	12.1	0.2	78.100	0.3	0	8.0	1.00	15		30,500	0.65	0.60	1.4	
Hi-vis	17:00	pit	1.15	300	59	99	19	23			10.1													

Mud Pumps	14-P-220	3915.0 mBRT	5.00	gallon/stroke @97%	
No.	Liner Size	SPM	GPM	Press (MPa)	Ann. Vel. (m/min)
1	6"			DC	DP
2	6"	190	950	22.0	23
3	6"				

Personnel @24:00	Mud Materials on Board @24:00hrs
CDCX : 6	Item : Received : Used : Stock
MIQJ Crew : 95	Banite (Bulk) : 187,000
MIQJ (SC crew) : 1	Kunigel-VO (Bulk) : 10,800
MIQJ (Sub sea & Hyd) : 1	NaCl : 40,000
MWJ : 16	KCl : 20,000
Scientist : 24	Tel-Polymer DX / L / H : 6640/2920/1080
	XCD-Polymer : 450
	Soda Ash : 925
	KOH : 2,625
	Clean Lube : 13,800
	Tel Clean : 3,200
	Bi-Carbonate : 1,000
	Lime : 1,240
	Defoamer 30C : 192
	Telnite GXL : 36
	Tel DD : 3,200
	MI-Swaco : 4
	Whipstock : 1
	Lignite NC : 2,000
	Tel Stop G / P : 500 / 1,000
	Tel Mica C / M / F : 500 / 1,000 / 1,000
	Tel Plug C / M / F : 500 / 1,000 / 980
	Tan Cal M / F / FF : 4230 / 4500 / 0
	EZ Spot : 650
	Speeder P / X : 1700 / 1700
	Baracor-100 (gal) : 0
	Kates S : 9,600
	LCM 20% (1.13) : 24
	Hi-vis (1.18) : 122
	KNPP (1.38) : 11
	Telnite OS-S : 0
	Telnite HEC : 0

Geologic Information	Shale Shaker	Materials Stock on Board @24:00
From : To : Lithology of cuttings	Centrifuge: hrs	Item : Unit : Received : Used : Stock
	No.1 #20, #110 x 2 No.4 #20, #84 x 2 No.1 off	Fresh Water m3 136.5 108.6 27.9
	No.2 #20, #84 x 2 No.5 #20, #110 x 2 No.2 off	Potable Water m3 0.0 10.5 (10.5)
	No.3 #20, #110 x 2 No.6 #20, #84 x 2 No.3 off	Drill Water m3 0.0 4.5 (4.5)
		Fuel m3 0.0 51.6 (51.6)
		Lube, Oil Ltrs 0.0 1,000.0 (1,000.0)
		Hell Fuel Ltrs 0.0 0.0 0.0
		Cement "GWC" ton 0.0 0.0 0.0
		Cement "G" ton 0.0 0.0 0.0

Boat Information @24:00	Mud Volume (m3)
Boat Name : Status : Time @Chikyu : Departed : Arrived	KNPP mud (1.15) : 102
Kaiyu : Current survey: S 10miles : - : -	KNPP mud (1.11) : 417
Shinchou-maru : Current survey: SW 5miles : - : -	
Hakuryu-maru : Katsura : - : -	

Weather Information	Hel Information	Safety (HSE) and other information
Time : Weather : Temp. (degC) : Barometer : Wind : Wave : Current : Visibility	Fit. : Time : Passenger	Incident : Last : No. LTA
24:00 : bc : Air : SW : (hPa) : Speed (m/s) : Dir. (deg) : Gust (m/s) : Height (m) : Dir. (deg) : Period (s) : Speed(knt) : Dir. (deg) : (km)	1 : 9:39 : 9:50 : 9 : 8	Incident : Last : 13/Feb/2013
	2 : - : - : - : -	Remarks : HUNS cards : 22
	3 : - : - : - : -	
	4 : - : - : - : -	

Marine Information @24:00
Heave (m) : 0.3
Pitch (deg) : 0.3
Roll (deg) : 0.2
Vessel Heading (deg) : 275
Riser Tension (kN) : 8700
V.D. Load (Moon) : 12887.1
Max Draught (m) : 9.0
Thruster (kW) : 1500

Reported by : S. Katoka / T.Yokoyama / S. Yamada
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