

Chikyu DAILY MORNING REPORT

Mission No. : CK13-04

Exp. No. : Exp 348

Report No. : 100

Site Name : C0002 Hole Name : C0002P Lat. 33° 18.0507'N Long. 136° 38.2029'E Report Date : 22/Dec/2013

Depth @24:00 4130.0 mBRT 2162.5 mbsf Progress : 4130.00 m Sealed Depth 1,967.50 mBRT 28.6 m FT:MSL : LAST CASING : 13-3/8" x 1,936.50 mbsf(3,904.0 mBRT)

Summary of Operation on 21-Dec : POOH. Rig up coreline BOP. Present Operation @ 06:00 on 22-Dec : Continue rig up coreline BOP. RIH RCB BHA. Time Breakdown (00:00 - 24:00 on 21-Dec) mBRT meter below rotary table mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation	Depth (mBRT)	Drag (kN)	Angle	Deg
0:00	1:30	1:30	C&C	Circulate and bottom up, 850gpm x 28.6MPa	4085.0	120	LFJ	0.0
1:30	13:30	12:00	Trip	POOH to surface.	4046.1	230	LMRP	130.0
				Normal drag, 50-80kN in open hole and 30-50kN in CSG.	4038.9	250	BOP	170.0
				Lay out single joint for enter CSG window.	4028.4	180		0.5
				Open CMC and enter CSG window, normal drag 40kN.	4012.2	250		
				De-plugger offset from bottom of bit: 50mm	4008.4	250		
				Gauge of stabilizer, No.2: 12". Motor: 12-1/16" (1-1/16). Thrust bearing play: 5mm.	3988.2	240		
					3979.2	270		
					3977.8	180		
				Meanwhile, continue make up and space out RCB inner barrel assembly in auxiliary well.				
				Space out 2ea inner barrel (A & B), center bit and de-plugger.				
				Inner barrel shoe offset from bit inner profile: 4mm (A & B).				
				De-plugger offset from bottom of bit: 50mm				
				Align center bit to bottom of bit.				
				Make up 10-5/8"RCB assembly (Bit x bit sub w/stab x core barrel x top sub x head sub x 10-5/8"stabs) in auxiliary well.				
13:30	14:30	1:00	Trip	Lay down Mud motor assembly.				
14:30	24:00	9:30	RR(N)	Rig down blind-flange and rig up coreline BOP on HPS.				
				Meanwhile, circulate riser with booster line (425gpm x 4.8MPa) and monitor pit level (stable).				
				Note: Load Barite 100 ton and 20ea empty skips from Shincho-manu (17:45 - 21:35, Sea current around 1.0knot).				
				ROV inject glycol 3gal to LMRP and 5gal to BOP. Recover to surface.				
				Sea current: Chikyu 0.8-1.3knot. SW 5miles 2.2knot.				

From	To	Hrs	Code	Detail of Operation
0:00	5:15	5:15	RR(N)	Continue rig up coreline BOP. Install mud bucket.
5:15	6:00	0:45	Trip	RIH 10-5/8"RCB BHA to 40mBRT.
				Move RCB assembly to main well with #2 hydraracter.
				Gauge of stabilizer, No.1: 10-5/8". No.2: 10-9/16" (1-1/16").
				Note: The data on 00:00 - 08:00 is unofficial.
				ROV inject glycol 3gal to LMRP and 5gal to BOP. Recover to surface.
				Sea current: Chikyu 1.0knot. SW 5miles 3.0knot.

Bit No.	Size (in)	MFR	Type	IADC Code	S.No.	Nozzles	Depth (mart)	Meter-age	Hrs.	WOB (kN)	rpm	Total Rev. (Rev)	Inner	Outer	Duff Loc	Duff Condition	B	G	O.D.	RP
7	10.625	BHC	BHC405	M333	71283665	5 x 18	3922.00	4,130.00	208.0	18.54	54	220	110	215	542.0	G (1,2,3)	E3	-1/16	WT	CP

Hook No.	Condition	Weight (kN)	mBRT
#6	Kick off	Bit x Motor x 12"Slab x HOC x DRH screen x Float Sub (w/float) x 8-1/2"DC(2) x Drilling Jar x 8-1/2"DC(2) x XO x 5.68"HWDP(12) x XO x 5"DP S-140 44stds x 5-1/2"DP S-140 21stds x XO	
#7	RCB	Bit x Bit sub w/stab x RCB core barrel x Top Sub x Head Sub x 10-5/8"Slab x 8-1/2"coiling DC (12) x Coiling Jar x 8-1/2"coiling DC(3) x XO x 5.68"HWDP(12) x XO x 5"DP S-140 44stds x 5-1/2"DP S-140 21stds x XO x 6-5/8"DP Z-140	

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gal St (10', 10')	WL	Cl.	pH	PI	Cl-	Sand	Oil	Solid	MBC	Temp (In / Out)	K+	n	K	LG5		
KNPP	1:30	4,130	1.28	108	49	44	8	12	2.7	0.5	11.6	0.2	113,600	0.2	0	12.5	1.00	13	11	31,800	0.61	2.07	1.4
KNPP	16:00	Pit	1.28	105	44	50	7	11	2.8	0.5	11.5	0.2	110,000	0.2	0	12.5	1.00	11	11	31,800	0.62	1.01	1.6

Mud Pumps	14P-220	@ 4130.0 mBRT	5.00	gallon/stroke @97%	
No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel (m/min)
1	6"			DC	DP
2	6"	170	850	28.6	21
3	6"				

Item	Received	Used	Stock
Barite (Bulk)	111,210	8,210	150,000
Kunigel-VO (Bulk)			10,800
NaCl			35,000
KCl			13,000
Tel-Polymer DX / L / H		100/1000	6340/2720/1480
XCD-Polymer		50	725
Soda Ash			525
KOH			2,825
Clean Lube			4,800
Tel Clean			3,200
Bi-Carbonate			1,000
Urea			1,240
Deframer 30C			192
Telrite GXL			36
Tel DD			3,200
NaOH			800
Lignite NC			2,000
Tel Stop G / P			500 / 1000
Tel Mico C / M / F			500 / 1,000 / 1,000
Tel Plug C / M / F			500 / 1,200 / 980
Tan Cel M / F / F			4230 / 4500 / 0
EZ Spot			550
Speeder P / X			1700 / 1700
Baracor-100 (gal)			0
Aslex S			5,800
Treat HS			0
Resler			0
Telrite OS-5			0
Telrite HEC			0

Shale Shaker	Centrifuge	hrs
No.1 #10, #100 x 2	No.4 #10, #180 x 2	No.1 off
No.2 #10, #180 x 2	No.5 #10, #200 x 2	No.2 off
No.3 #10, #200 x 2	No.6 #10, #180 x 2	No.3 off

Item	Unit	Received	Used	Stock
Fresh Water	m3	94.1	101.6	(7.5)
Potable Water	m3	0.0	5.7	(5.7)
Drill Water	m3	0.0	8.0	(8.0)
Fuel	m3	0.0	52.8	(52.8)
Lube Oil	Ltrs	0.0	0.0	0.0
Heli Fuel	Ltrs	0.0	0.0	0.0
Cement "GW"	ton	0.0	0.0	0.0
Cement "G"	ton	0.0	0.0	0.0

Boat Name	Status	Time @Chikyu
Kaiyu	Shingyu (12/22 offhrs)	Departed: 15:40, Arrived: 15:30
Shincho-manu	Current survey @SW 5 miles	15:30
Hakuryu-manu	Current survey @S 10miles	-

Time	Weather	Temp. (degC)	Barometer	Wind	Wave	Current	Visibility
24:00	bc	17.8	1016.2	Speed (m/s) : 6.7, Dir (deg) : 357.0, Gust (m/s) : 8.8	Height (m) : 1.5, Dir (deg) : 250, Period (s) : 6.3	Speed(knt) : 1.2, Dir (deg) : 114	10m : 22.0

Today's Schedule: Continue RIH RCB BHA. Cut RCB core.

Reported by : D. Ikenomoto / S. Kataoka
Approved by : Y. Uemura