

Site Name : C0002 Hole Name : C0002P Lat. : 33° 18.0507'N Long. : 136° 38.2029'E Report Date : 15/Dec/2013
 Depth : @24:00 3922.0 mBRT 1954.5 mbsf Progress : 19.00 m Seated Depth : 1,967.60 mBRT RTASL : 28.5 m
 Depth : @06:00 3922.0 mBRT 1954.5 mbsf Drilling/Coring/Jetting Hrs. : 11.00 hrs LAST CASING : 13-3/8" x 2,010.00 mbsf(3,977.5 mBRT)
 Summary of Operation on 14-Dec : RH to top of B.P. Set whipstock. Window cut 13-3/8"CSG.
 Present Operation @ 06:00 on 15-Dec : Pressure test test line prior LOT. mBRT: meter below rotary table
 Time Breakdown (00:00 - 24:00 on 14-Dec) mbsf: meter below sea floor

From	To	Hrs	Code	Detail of Operation	Depth (m)	ROP (m/hr)
0:00	5:00	5:00	Trip	Continue RH whipstock assembly from 180 - 1912mBRT.		
5:00	5:30	0:30	RS	Service HPS.		
5:30	11:45	6:15	Trip	Resume RH whipstock from 1912 - 3915mBRT No drag was observed while running BOP and wellhead area. No excess drag was observed in high DLS intervals (max 2.376 deg/90m @ 2966mBRT). Running speed: 2.5 min/std.		
11:45	13:00	1:15	CSG(others)	Set whipstock. Check hook load : 1 3070kN : 1 2940kN Tag top of bridge plug with 30kN @3915.7mBRT. Continue stack down to 360kN to shear of 2ea shear screw on the anchor and shear bolt to release whipstock. Top of whipstock : 3904.3mBRT Pick up to 3914.7mBRT. Hook load : 1 3010kN. Run back to bottom. Hook load : 1 2910kN. Tag 20kN @3916.7mBRT. Continue stack down to 530kN. Pick up to 3913.6mBRT. Hook load : 1 3010kN. Run back to bottom. Hook load : 1 2910kN. Tag 50kN @3916.7mBRT. Pick up to 3913.48mBRT. Start pumping at 1000gpm x 22.6MPa. Set Torq limit at 10kN-m, stage rpm and check torq, 10rpm x 6.2-7.1kN-m, 20rpm x 6.3-7.6kN-m, 30rpm x 7.6-8.3kN-m.		
13:00	24:00	11:00	CSG(DRL)	Window cut 13-3/8"CSG from 3903 to 3922mBRT. C0002P is declared. Casing window top 3914mBRT, bottom 3912.6mBRT Sweep 10m3 of hi-vis every 1hr. WOB: 100-300kN, 1000gpm x 22.3MPa, 100rpm x 17.35kN-m. ROP: ave 1.40m/hr, Max 6.0m/hr @3904.5mBRT, min 0.36m/hr @3906.5mBRT. CMT back on shaker @3908.0mBRT (Lag Depth). Formation back on shaker @3908.5mBRT (Lag Depth).	3905 2.3 3906 0.9 3907 0.4 3908 1.3 3909 1.7 3910 0.8 3911 1.7 3912 1.8 3913 2.9 3914 2.3 3915 2.1 3916 3.0 3917 3.1 3918 2.2	
Note: Glycol injection: LMRP/BOP: 3/5 gal (2 times every 12hrs) Sea current: Chikyu 0.4 - 2.0knot. SW 5mile 2.7 - 3.5 knot.						
Time Breakdown (00:00 - 06:00 on 15-Dec) * The data on 00:00 - 06:00 is unofficial.						

From	To	Hrs	Code	Detail of Operation	Depth (m)	ROP (m/hr)
0:00	1:30	1:30	CSG(DRL)	Cut casing window from 3916 to 3922mBRT. Sweep 10m3 of hi-vis every 1hr. WOB: 300kN, 1000gpm x 21.7MPa, 100rpm x 9-20kN-m. ROP: ave 2.7m/hr, Max 3.9m/hr (@3921.5mBRT).		
1:30	2:00	0:30	CSG(others)	Pump 15m3 of hi-vis, move string up and down to ensure smooth casing window. Move string up and down with rotation, 60rpm x 9.6-10.2kN-m, 1 2950kN, 1 2950kN. Observed high torq(15kN-m) and drag(30kN) at 3906m.	3919 2.1 3920 2.6 3921 3.1 3922 2.5	
2:00	2:30	0:30	CSG(others)	Dress out window, ream up and down across casing window several times, 70rpm x 9.3-13.5kN-m, 1000gpm x 22.1MPa.		
2:30	3:00	0:30	CSG(others)	Move up and down to check window without rotation, 1 3030kN, 1 2900kN. Negligible drag of 20kN at 3906m.		
3:00	5:00	2:00	CSG	Pump 15.3 of hi-vis, circulate bottoms up, 1000gpm x 21.3MPa.		
5:00	6:00	1:00	LOT	Rig up pressure test joint and pressure test lines to 300psi for 10min, on going.		
Note: Sea current: Chikyu 0.8 knot. SW 5mile 3.5 knot @ 6:00.						

BIT Record	BIT No.	Size (in)	MFR	Type	IADC Code	S.No.	Nozzles	Depth (m)	Meterage	Hrs.	WOB (kN)	rpm	Total Rev (krev)	Dull Condition			
								From	To		Min	Max		B	G	O.D.	RP

BHA Record	Whipstock	Whipstock x Lead Mill x Secondary Mill x Flex Mandrel x Steering Mill x 8-1/2"DC(9) x XO x 8-1/2"coaring DC(12) x XO x 5.68"HWDP(12) x XO x 5"DP S-140 25stds	Hook Wt. (kN) @
		x 5-1/2"DP S-140 21stds x XO x 5-1/2"DP S-150 25stds x XO x 6-5/8"DP Z-140	3,914.7 mBRT

Mud Properties	Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gal St (10 ³ /10')	WL	Cake	pH	PI	Cl-	Sand	Oil	Solid	MBC	Temp In	Temp Out	K+	n	K	LGS	
	KNPP	5:00	Pt	1.15	78	37	31	4	6	3.6	0.5	12.1	0.2	78,100	0.3	0	8.0	1.00	16		30,500	0.63	1.37	1.4
	KNPP	16:00		1.15	83	38	32	4	6	3.4	0.5	12.0	0.2	78,100	0.3	0	8.0	1.00	13	12	30,500	0.64	0.58	1.4
	Hi-vis	20:00	Hi-vis	1.15	300	53	96	16	19		11.6							15			0.44	9.65		

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"				
2	6"	190	950	22.0	23 DP
3	6"				

Geologic Information	From	To	Lithology of cuttings
	3904.3	3918.0	CMT: 50-100%, Clay: 0-50%

Shale Shaker	No.1	#20, #110 x 2	No.4	#20, #84 x 2	No.1	off
No.2	#20, #84 x 2	No.5	#20, #110 x 2	No.2	off	
No.3	#20, #110 x 2	No.6	#20, #84 x 2	No.3	off	

Materials Stock on Board @24:00	Item	Unit	Received	Used	Stock
	Fresh Water	m3	120.3	96.5	23.8
	Potable Water	m3	0.0	9.7	(9.7)
	Drill Water	m3	0.0	0.0	0.0
	Fuel	m3	0.0	57.6	(57.6)
	Lube, Oil	Ltrs	0.0	500.0	(500.0)
	Heli Fuel	Ltrs	0.0	0.0	0.0
	Cement "GW-C"	ton	0.0	0.0	0.0
	Cement "G"	ton	0.0	0.0	0.0

Personnel @24:00	Item	Received	Used	Stock
	CDCX	1		8
	MOJ (Crew)	96		96
	MOJ (SC crew)	1		1
	MOJ (Sub sea & Hyd)	2		2
	MWJ	16		16
	KCI	20,000		20,000
	Scientist	24		24
	Telinite	2		2
	Ocasineering	6		6
	Schumberger-CMT	1		1
	SLB WL	3		3
	Geoservice	6		6
	Velco	0		0
	Halliburton-LWD	3		3
	Halliburton-DD	1		1
	Weatherford (CSG)	0		0
	Mi-Swaco	4		4
	Whipstock	1		1
	Total	173		173

Mud Volume (m3)	Item	Received	Used	Stock
	KNPP mud (1.15)		128	128
	KNPP mud (1.11)		417	417
	LCM 20% (1.13)		24	24
	Hi-vis (1.18)		100	100
	KNPP (1.38)		11	11
	total		759	759

Mud Materials on Board @24:00hrs	Item	Received	Used	Stock
	Banta (Bulk)			187,000
	Kunigel-VO (Bulk)			10,800
	NaCl			40,000
	KCl			20,000
	Tel-Polymer DX / L / H	0/0/160		6640/2920/920
	XCD-Polymer	125		325
	Soda Ash			925
	KOH			2,825
	Clean Lube			13,800
	Tel Clean			3,200
	Bi-Carbonate			1,000
	Lime			1,240
	Defoamer 30C			192
	Telinite GXL			36
	Tel DD			3,200
	NaOH			800
	Light 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 / 1,200 / 980
	Tan Cal M / F / FF			4230 / 4500 / 0
	EZ Spot			650
	Speeder P / X			1700 / 1700
	Baracor-100 (gal)			0
	Kaster S		2,400	7,200
	Treat HS			0
	Restar			0
	Telinite OS-S			0
	Telinite HEC			0

Boat Information @24:00	Boat Name	Status	Time @Chikyu
	Kayu	Current survey: S 10miles	Departed
	Shinchou-maru	Current survey: SW 5miles	Arrived
	Hakuryu-maru	Chikyu	22:20

Weather Information	Time	Weather	Temp. (degC)	Barometer	Wind	Wave	Current	Visibility
	24:00	bc	8.6	1022.4	14.1	314.0	18.6	1.5
					Dir. (deg)	Dir. (deg)	Period (s)	Speed(knt)
					114	270	5.2	1.2
								Dir. (deg)
								114
								(km)
								22.0

Today's Schedule : Condition mud. POOH mill BHA to surface. Make up 12-1/4" kick off assembly.

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