

Site Name: C0002 Hole Name: C0002P Lat: 33° 18.6507'N Long: 136° 38.2029'E Report Date: 5/Jan/2014
 Depth: @24.00 4348 mBRT 2380.5 mbsf (14.5') Progress: 227 m Seabed Depth: 1,967.5 mBRT RT-MSL: 28.5 m
 Depth: @06.00 4348 mBRT 2380.5 mbsf (14.5') Drilling/Coring/Underreaming Hrs.: 22.45 hrs LAST CASING: 13-3/8" x 1,936.50 mbsf (3,904.0 mBRT)

From	To	Hrs	Code	Detail of Operation
0:00	22:45	22:45	OH	Continue opening 12-1/4" hole to 14-1/2". 4121-4348mBRT (2153.5-2380.5mbsf, 227m) WOB: 0-152kN, 900-930gpm x 29.9-33.2MPa, 140rpm x 8-34kNm-m. Boost riser 450gpm x 5.2MPa. ROP: 1412.6m/hr, Max 29.9m/hr @4150mBRT, min 2.3m/hr @4223mBRT No mud gas observed. Caving: Trace
22:45	24:00	1:15	C&C	Sweep 10m3 Hi-vis and bottoms up. 950gpm x 33.1MPa and boost riser 450gpm x 5.4MPa, 60rpm x 8.5kNm

	Angle	Deg
LFJ	0.0	0
LMRP	130.0	0.5
BOP	170.0	0.5

Bulls eye reading @10.36

- BOP status**
- Yellow pot
 - 1. Lower annular close: SPM leak
 - 2. Lower annular open: malfunction (SV and PS problems)
 - 3. Upper inner choke open: SPM leak
 - 4. Upper inner choke close: Indication Pressure SW problem
 - 5. Lower inner choke close: Indication Pressure SW problem
 - 6. Choke isolation valve close: leak
 - 7. Wellhead connector reg decrease: malfunction
 - 8. Upper annular close: SPM leak
- Blue pot
- 1. Mud boost valve open: SPM leak
 - 2. Choke isolation valve: leak
 - 3. Pod stab extend: indication pressure SW problem

Time Breakdown (00:00 - 06:00) on 5-Jan *The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Detail of Operation
0:00	1:15	1:15	OH	Continue circulating bottoms up @4348mBRT. Reciproate string. 950gpm x 33.1MPa and booster 450gpm x 5.4MPa, 60rpm x 8.5kNm
1:15	1:30	0:15	WC	Flow check prior short trip. -well static.
1:30	2:45	1:15	Trip	Short trip, 4348-3940mBRT No excess drag was observed.
2:45	4:30	1:45	RU	Connect to HPS and ream up, 3940-3919mBRT. 915gpm x 30.5-31.3MPa, 100-120rpm x 8-32kNm, boost riser 450gpm x 5.4MPa.
4:30	5:15	0:45	W&R	Ream down, 3919-3979mBRT. 900gpm x 31.3MPa, 120rpm x 8-11kNm. Swab washed on pump#1 at 5:05.
5:15	6:00	0:45	RR	Mud pump #3 tripped and trouble shoot mud pump#3, repair piston on pump #1. Circulate w/mud pump #2 while working on #1 and #3 pumps, 450gpm x 10.1MPa.

Bit Record

Bit No.	Size (in)	MFR	Type	IMDC Code	S.No.	Nozzles	From (m)	To (m)	Meterage	Hrs.	WOB (kN)	rpm	Total Rev. (kern)	Inner	Outer	Dull Condition
RR8a	12.25"	Smith	MD5168PX	M223	JG7525	15 x 7	5,026.0	4,348.00	422.0	35.83	0	152	116	140	342.0	
	14.5"	NOV	Underreamer		1225-0121	8 x 1	3926.00									

BHA Record

RR8a	14-1/2" Underreamer	Bit x bit sub x 14.5" Underreamer x float sub (w/replace type float) x 8-1/2"DC (1) x 12-3/16" Stab x 8-1/2"DC (1) x Drilling Jar x 8-1/2"DC (2) x XO x 5.68"HWDP (12) x XO x 5"DP S-140 (67fads)	Hook Wt. (kN) @
		x 5-1/2"DP S-140 (21fads) x XO x 5-1/2"DP S-150 (8fads) x XO x 6-5/8"DP 2-140	4,333.0 mart

Mud Properties

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	Gel St (10", 10')	WL	Clake	pH	PI	CI	Sand	Oil	Solid	MBC	Temp (In/Out)	K+	n	K	LC6		
KNPP	4:00	4,159	1.32	104	70	54	10	14	2.6	0.5	11.0	0.2	117,200	0.2	0	15.0	1.75	13	12	32,400	0.53	3.58	3.1
KNPP	13:30	4,238	1.32	105	71	54	10	14	2.5	0.5	11.1	0.1	117,200	0.2	0	15.0	1.75	14	12	31,200	0.54	1.89	3.1
KNPP	21:00	4,338	1.32	109	76	58	11	15	2.5	0.5	11.1	0.1	117,200	0.2	0	15.0	1.75	14	12	31,800	0.53	3.77	3.1

Mud Pumps: 14-P-220 @ 4333.0 mBRT 5.00 gallon/stroke @97% Personnel @24.00

No.	Line Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)
1	6"				DC DP
2	6"	190	950	33.4	82
3	6"				DP

Geologic Information

From	To	Lithology of cuttings

Shale Shaker Centrifuge: hrs

No.	#10, #200 x 2	No.4	#10, #200 x 2	No.1	off
No.1					
No.2	#10, #200 x 2	No.5	#10, #200 x 2	No.2	off
No.3	#10, #200 x 2	No.6	#10, #200 x 2	No.3	off

Materials Stock on Board @24.00

Item	Unit	Received	Used	Stock
Fresh Water	m3	130.8	95.2	35.6
Portable Water	m3	0.0	11.0	(11.0)
Drill Water	m3	0.0	29.2	(29.2)
Fuel	m3	0.0	60.1	(60.1)
Lube, Oil	Ltrs	0.0	500.0	(500.0)
Hel Fuel	Ltrs	0.0	0.0	0.0
Cement "OWC"	ton	0.0	0.0	0.0
Cement "G"	ton	0.0	0.0	0.0

Boat Information @24.00

Boat Name	Status	Time @Chikyū
Kakko	Chikyū	19:10
Shindou-manu	Current survey, Smiles SW	-
Hakuryu-manu	Current survey, S	-

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	8.0	1015.3	13.6	20.0	15.2	2.3	40	6.5	1.3	106

Today's Schedule: Ream down to 4348mBRT and continue open hole.

Reported by: S. Kataoka / S. Yamada
 Approved by: Y. Uemura

Mud Materials on Board @24.00 (unit: kg)

Item	Received	Used	Stock
Barite (Bulk)	7,000	14,200	
Kunigel-V0 (Bulk)		10,800	
NaCl	2,000	16,000	
KCl	2,000	8,000	
Tel-Polymer DX L / H	100,000	494021001460	
KCD-Polymer	50	175	
Soda Ash		1,400	
KOH	250	185	
Clean Lube	2,400	5,600	
Tel Clean	400	800	
Bi-Carbonate		1,000	
Lime		1,240	
Defoamer 30C		192	
Tenite GXL		36	
Weatherford (CSG)		3,200	
Tel DD		800	
Mi-Swaco		800	
NOV Underreamer		1	
Helco		1	
Halliburton-LWD		3	
Halliburton-DD		1	
Geoservice		6	
Weatherford (CSG)		1	
Mi-Swaco		4	
NOV Underreamer		1	
Total		175	

Mud Volume (m3)

Item	Received	Used	Stock
KNPP mud (1.32)	188	560	
KNPP mud (1.13)	44	232	
KNPP mud (1.28)	232		
LCM 20% (1.13)	24		
Helco (1.32)	31		
KNPP (1.16)	10		
Total	611		

Hook Wt. (kN) @ 4,333.0 mart

Item	Value
Hook Load	
BHA	390
Below Jar	300
Hook + HPS	730
Hook block	307

Rotating time S/N: 1762-1353

Today	17:59	Total	110:30
Cutting slip @24:00			
Empty		Full	Total
28	0	28	

ROV Status

Status	On deck
Last Dive	14/14
Injection Skid	0 / 33

Hel Information

Flt No.	Arrived	Time	Departed	Passenger
1				Arr. Dept.
2				
3				
4				

Safety (HSE) and other information

Incident	Last	No. LTA
Incident	13/Feb/2013	

LTA HUNTS cards 24

Remarks Weekly drill: fire from incinerator room on 2nd deck. Adjust Cost by Service Coordinator.

Marine Information @24:00

Heave (m)	Roll (deg)	Vessel Heading (deg)	Riser Tension (kN)	Y.D. Load (kN)	Max Draught (m)	Thrust (kW)
			9400	11401.3	9.0	1600