

Site Name: **C0002** Hole Name: **C0002P** Lat: **33° 18.0507'N** Long: **136° 38.2029'E** Seabed Depth: **1,967.5** mBRT RT-MSL: **28.5** m Report Date: **2/Nov/2018**

Depth: @24:00 **4,902.0** mBRT mbsf Progress: **0.0** m Drilling/Coring/Underreaming Hrs.: **0.00** hrs Last BOP FT: **10/25/2018** Next BOP FT: **11/15/2018**

Depth: @06:00 **4,902.0** mBRT mbsf LAST CASING: **11-3/4"** x **2,922.50** mbsf **4,890.0** mBRT Last BOP FT: **11/1/2018** Next BOP FT: **11/8/2018**

Summary of Operation on **1-Nov**: **Bottoms up. Conduct #1-3 SBT. BOP function test. POOH to 651mBRT.** Last Glycol 35gal Inj. **30** October 2018

Present Operation @ 06:00 on **2-Nov**: **Running 11-3/4" x 13-3/8" scraper BHA at 668mBRT.** mBRT: meter below rotary table mbsf: meter below sea floor

From	To	Hrs	Code	Depth(mBRT)	Detail of Operation
0:00	4:00	4:00	C&C		Complete circulating bottoms up. HL: 3350-3400KN, HPS: 10rpm x 10-12kNm, MP: 800gpm x 22.6MPa on string, 250gpm on riser boost. Maximum total gas: 0.04% during circulation. Surface loss over shaker: 3-4m3/hr. Even mud weight in/out at 1.33sg. Find blocky cavings below 4,696mBRT (lag depth) - like large cuttings (>=1 cm). Abundance of those is less than a few %. The blocky cuttings are continuously observed during circulation. Since edge of the cuttings is slightly rounded, those would not be formed recently.
4:00	6:00	2:00	BOPE		Perform 11-3/4" Shoe Bond Test (SBT). Pick up and make up SES assembly. Install Lo-Torc valve and cement hose. Line up surface lines. Flush test lines (2bbl choke line, 5bbl cement hose). Pressure test lines to 2,000psi for 5mins - good test. Close upper annular. Pressure up the well at 0.25bpm to 500psi. Stop pressurizing at 500psi as decreasing pressure build up trend observed. Pressure stabilize at 400psi after 5mins. Bleed off pressure - 4.3bbl pumped, 2.5bbl returned. LOT result: 1.370sg EMW (280psi at surface with 1.33sg)
6:00	6:15	0:15	BOPE		Flow check well on trip tank - static. Remove cement hose and Lo-Torc valve. Lay out SES assembly. Concurrently discuss SBT result with onshore support team. Decision make to perform 2nd SBT.
6:15	8:45	2:30	BOPE(N)		Perform 2nd 11-3/4" SBT. Pick up and make up SES assembly. Install Lo-Torc valve and cement hose. Line up surface lines. Flush test lines (2bbl choke line, 5bbl cement hose). Pressure test lines to 2,000psi for 5mins - good test. Close upper annular. Pressure up the well at 0.25bpm to 863psi. Again, observe decreasing pressure build up trend at 280psi. Stop pumping. Pressure stabilize at 760psi after 8mins. Bleed off pressure - 9.5bbl pumped, 5bbl returned. LOT result: 1.370sg EMW (280psi at surface with 1.33sg)
8:45	9:00	0:15	BOPE(N)		Flow check well on trip tank - static. Concurrently discuss 2nd SBT result with onshore support team. Decision make to perform 3rd SBT.
9:00	10:00	1:00	BOPE(N)		Perform 3rd 11-3/4" SBT. Pressure up the well at 0.25bpm to 865psi. Observe decreasing pressure build up trend at 350psi. Stop pumping. Pressure stabilize at 760psi after 8mins. Bleed off pressure - 8.8bbl pumped, 5.5bbl returned. LOT result: 1.380sg EMW (350psi at surface with 1.33sg)
10:00	10:15	0:15	BOPE(N)		Flow check well on trip tank - static.
10:15	11:15	1:00	BOPE		Perform BOP function test from Driller's panel by Yellow POD. Find Outer Gas Bleed "Open" leaked.
11:15	12:00	0:45	BOPE		Remove cement hose and Lo-Torc valve. Lay out SES assembly.
12:00	24:00	12:00	TRIP		POOH 10-5/8" drill out BHA from 4,860mBRT to 651mBRT.
24hr ditch magnet weight: 0.6kg					
(Offline activities) [BOP failure]					
Find hydrate underneath of BOP&WH connector and bubbles come out from 36" conductor port by ROV. - Blue communication CH.B					
Prepare offloading of XR1000. - Blue lower annular UOK/Close, Leak					
Rig up Geograph at mezzanine deck by SLB LWD engineers. - Blue UIC/Open, Leak					
Function test SSR Close because SSR was not tested after surface test. - Blue Booster/Close, Leak					
Transfer 11-3/4"EZSV to middle pipe deck. - Yellow Upper pipe ram/Open, Leak					
- Yellow LK/Open, Close malfunction					
- Yellow OGB, Open, Leak					

Time Breakdown (00:00 - 06:00 on **2-Nov**) * The data on 00:00 - 06:00 is unofficial.

From	To	Hrs	Code	Depth(mBRT)	Detail of Operation
0:00	3:00	3:00	TRIP		POOH 10-5/8" drill out BHA from 651mBRT to surface. Check the jar mandrel length: 18-1/8" (Pre-run: 18-3/16") Bit dull grade: 1-1-WT-A-E-2-NO-TD
3:00	3:45	0:45	RS		Service HPS.
3:45	6:00	2:15	TRIP		RIH 11-3/4" x 13-3/8" scraper BHA from surface to 668mBRT. Re-run 10-5/8" XR+CPS (S/N: RJ8093), Gauge 10-5/8" Stabilizer, lower stabilizer in gauge, upper stabilizer 1/8" under gauge.
(Offline activities)					
ROV attempts to dive, but cursor rail winch suddenly stopped. As the result, sonar mounting bar on ROV hit the cursor rail and broken. ROV retrieved to deck for repair.					

Bit No.	Size (in)	MFR	Type	IADC Code	S/No.	Nozzles	Depth (mBRT)	Meter-age	Hrs.	WOB (kN)	rpm	Total Rev. (krev)	Dull Condition									
														Inner	Outer	Dull	Loc.	B	G	O.D.	RP	
2	10.625	Smith	XR+CPS	117	RJ8093	1 x 13.3x 16	4,625.0	4,902.0	277.0	4.50	0	80	0	60	29.5							

#3	10-5/8" Drill Out	10-5/8" Bit (XR+CPS Milled Tooth Bit) x Bit Sub with float x XO x 6-3/4" DC (3stds) x 6-1/2" Jar x 6-3/4" DC (1std) x XO x 5.68" HWDP (3stds) x XO x 5-1/2" DP S140 (16stds) x XO x 5-1/2" DP S150 (56stds) x XO x 6-5/8" DP Z140 (22stds) x 6-5/8" DP UD-165

Mud Type	Time	Depth (mBRT)	MW	VIS	PV	YV	6rpm	Gel St. (10', 10')	API	Cake	pH	PI	Cl-	Sand	Oil	Solid	MBC	Temp (In/Out)	K+	n	K	LGS	FIT 20/40 (mm)	
KNPP	18:00	Pit	1.33	65	13	25	8	7	10	2.5	0.5	10.0	0.5	142,000	0.3	15.0	0.25	16	24,200	0.42	2.69		12	99

Mud Pumps: 14-P-220 @ 5.00 gallon/stroke @97%				Personnel @24:00				Mud Materials on Board @24:00hrs (unit: kg)						
No.	Liner Size	SPM	GPM	Press. (MPa)	Ann. Vel. (m/min)	DC	DP	Item	Received	Used	Stock			
1	6"							CDEX			9			
2	6"(Booster)							MOJ Crew		5,300	787,400			
3	6"							MOJ (SC, Other)			1,200			
								MWJ			200			
								Scientist			1,050			
								Soda Ash		275	2,075			
								Caulstic Potash		325	5,500 / 1,060 / 0			
								Tel-Polymer DX / L / H			1,800			
								XCD-Polymer			4,500			
								Lignite NC			9,000			
								Clean Lube W			6,400			
								Tel Clean W			5,800			
								Astex-S			400			
								Deformer 30C			3,200			
								Tel DD			1,250			
								Bi-Carbonate			2,275			
								Citric Acid			1,020 / 210 / 510			
								Tan Cal M / F / FF			684			
								Telinite GXL			9,200			
								Treat-HS			130			
								Mud Seal P			500 / 500 / 500			
								Tel Plug C / M / F			500 / 260			
								Tel Stop P / G			163			
								Balofit			0			
								Driscall D			0			
								Tel Flow P			2,310			
								Poro Seal			4,250			
								Steel Seal 50			13,000			
								KCI			10,000			
								NaCl			10,000			
								Fraceal			8,000			
								Stopseal			46,000			
								Bentonate(Bulk)						

Fit. No.	Arrived	Departed	Are	Passenger
1	09:15	09:25	9	9
2	11:27	11:37	7	7
3				
4				

Incident	Last Incident	No. LTA
LTA		
HUNS cards	23	
Remarks		

Marine Information @24:00			
Heave (m)	Pitch (deg)	Roll (deg)	Vessel Heading (deg)
0.4	0.2	0.2	000
			Riser Tension (kN)
			9500.0
			V.D. Load (ton)
			16486
			Max Draught (m)
			9.0
			Thruster (kW)
			1500

Time	Weather	Temp. (degC)	Barometer	Wind	Wave			Current		Visibility			
		Air	SW	(hPa)	Speed (m/s)	Dir. (deg)	Gust (m/s)	Height (m)	Dir. (deg)	Period (s)	Speed(knt)	Dir. (deg)	(km)
24:00	bc	16.0	1023.2	11.7	4	13.9	1.3	210	4.7	1.2	191		22.0

Today's Schedule: RIH 11-3/4" x 13-3/8" scraper BHA. Scrape 11-3/4" liner and 13-3/8" casing. POOH 11-3/4" x 13-3/8" scraper BHA.

Reported by: A. Suzuki / T. Yokoyama Approved by: T. Ikawa