

WELL INFORMATION:

Rig: JACK BATES	Field: ICHTHYS	Well: BDC-1B-03	Planned TD: 5234.0 mMDRT Planned TVDRT: 4112.0 m
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Date: 30Apr-2016	Report #: 08	Corresponding DDR: 08
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Midnight Depths	MD: 1795.0 mMDRT	TVDBRT: 1794.11 mTVDRT	TVDLAT: -1765.11 m
Last Deviation survey	Depth: 1781.66 mMDRT	Inc: 3.27°	Azi: 311.52°
Last casing:	Size: 20"	Shoe depth: 702.94 mMDRT	
Liner:	Size:	Shoe depth:	

Bit no: 3	Bit Size: 17.5"	Bit Type: Kymera KM633	Nozzles: 6x12, 3x13
Motor: Inteq Xtreme	MWD : OnTrak		TFA: 1.0515 sq in

Hydraulics:

Mud Type: PHG-Polymer WBM	MW : 1.08 sg	YP (lb/100ft ²): 22	PV (cP): 11	Gel 0/10/30: 10/16/19
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OPERATIONS SUMMARY (last 24 hrs)

Drilled 17 1/2" hole from 1044.0 mMDRT to 1795.0 mMDRT.
Note: Estimated down hole Losses: 628 bbls
Estimated 24 Hour Surface Losses : 1187 bbls

DAILY TIME ANALYSIS (Hours): FORMATION

	Drilled from (m)	Drilled to (m)	Meterage (m)	Rotary Drilling hours on bottom (hrs)	Sliding Drilling hours (hrs)	Average ROP (m/hr)	Hours in hole (hrs)	Pumping Hours (hrs)
Daily	1044	1795	751.0	16.62	1.25	41.97	24.0	21.94
Total	710.8	1795	1084.2	24.74	4.23	37.42	45.75	37.12

DRILLING FORMATION

Depth Interval (m)	ROP range (m/hr) Min/Max/Avg	WOB range (Klbm) Min/Max/Avg	BIT RPM range (1/min) Min/Max/Avg	TD RPM range (1/min) Min/Max/Avg	Torque range (Klbf.ft) Min/Max/Avg	Flow Pumps (gpm) Min/Max/Avg	SPP (psi) Min/Max/Avg
1044.0-1795.0	2.1 / 213.8 / 41.97	0 / 25.6 / 1.1	68 / 162 / 136	0 / 64 / 46	0 / 18.4 / 4.63	850 / 1156 / 1125	1277 / 2331 / 2016

DRILLING

BHA Rotating (24hrs)	Total BHA Rotating Hours (hrs)	Jar Rotating Hours on bottom (24hrs)	Total Jar Rotating Hours on bottom (hrs)	Krevs for bit on bottom (24hrs)	Total Krevs for Bit on bottom
19.28	30.16	16.62	25.77	144.7	231.9

DITCH MAGNET – CASING WEAR MONITORING:

24 hr Magnet Weight (g)	Section Total Weight (g)
978	2360

BACKGROUND GAS OUT SUMMARY

Depth Interval	Total Gas %	C1 ppm	C2 ppm	C3 ppm	iC4 ppm	nC4 ppm	iC5 ppm	nC5 ppm
1044-1795	0.0	0	0	0	0	0	0	0

BACKGROUND GAS IN SUMMARY

Depth Interval	Total Gas %	C1 ppm	C2 ppm	C3 ppm	iC4 ppm	nC4 ppm	iC5 ppm	nC5 ppm
1044-1795	0.0	0	0	0	0	0	0	0

GAS OUT PEAKS

Depth (m)	Type	Total Gas%	C1 ppm	C2 ppm	C3 ppm	iC4 ppm	nC4 ppm	iC5 ppm	nC5 ppm

FG: Formation Gas, **CG:** Pipe Connection Gas, **DC:** Dummy Connection Gas, **TG:** Trip Gas, **PO:** Pumps Off Gas, **PO (FC):** Flow Check Gas, **SWB:** Swab Gas, **SCR:** Gas from taking SCR's, **WTG:** Wiper Trip Gas.

GAS IN PEAKS

Depth (m)	Type	Total Gas%	C1	C2	C3	iC4	nC4	iC5	Nc5

FG: Formation Gas, **CG:** Pipe Connection Gas, **DC:** Dummy Connection Gas, **TG:** Trip Gas, **PO:** Pumps Off Gas, **PO (FC):** Flow Check Gas, **SWB:** Swab Gas, **SCR:** Gas from taking SCR's, **WTG:** Wiper Trip Gas.

GEOLOGY

Depth (m)	Lithology %	Lithology Description	ROP range (min/average/max) m/hr

STRATIGRAPHY:

Formation Tops	Prognosed (unit)		Actual (m)			Difference (mTVD)	Tight spots at:
	MD	TVDRT	MD	TVDRT	TVDLAT		
Barracouta Fm	267.0	267.0	266.1	266.1	-237.1	0.9H	
Oliver Fm	657.0	657.0	655.5	655.5	-626.5	1.5H	
Grebe Fm	1051.2	1051.0	1050.0	1049.8	-1020.8	1.2H	
Basset Fm	1412.2	1412.0	1409.4	1409.1	-1380.1	2.9H	
Puffin Fm	1738.2	1738.0	1734.0	1733.2	-1704.2	4.8H	
Fenelon Fm	1919.2	1918.0					
Woolaston Fm	2373.7	2349.0					
Jamieson Fm	2405.6	2349.0					
Caswell Mbr	3353.8	3270.0					
Echuca Shoals Fm	3447.4	3358.0					
Echuca Shoals Fm (lower mbr)	3770.6	3654.0					
Upper Vulcan Fm	4164.0	3928.0					
Upper Vulcan Fm Mbr 3.1	4273.0	3978.0					
Upper Brewster Mbr	4485.7	4045.0					
TD	5234.1	4112.0					

PORE PRESSURE:

Estimated Pore Pressure:	Calculated ECD:	Current MWD ECD:	Current MW:	Last LOT/F.I.T.:

GEOSERVICES CREW MEMBERS:

Names	Position	Arrival Date	Expected Crew Change
Daniel Dennis	Data Analyst	5 April 2016	3 May 2016
Maurice Marcelo	Data Analyst	19 April 2016	17 May 2016
Nigel Dias	Mudlogger	26 April 2016	TBC
Arun Raveendran	Mudlogger	12 April 2016	3 May 2016
Sean Kettle	Sample Catcher	26 April 2016	TBC
Rhys Hurcombe	Sample Catcher	29 April 2016	TBC