							Peter D Rod Do		/ Rohan Richar	dson				
Well I	Data													
Country	y		Australia	a Mea	sured De	epth	122	4.0m	Current Hole Size	е	311mm	AFE Cost	\$41,512,831	
Field				TVD		1212			Casing OD		346mm	AFE No.	5746043	
	ontractor		DOGC					4.0m	Shoe MD		652.0m	Daily Cost	\$856,228	
Rig			an Patrio		s from sp		4	11.87	Shoe TVD		652.0m	Cum Cost	\$41,350,383	
Water I	Depth (LA	T)	66.3m		s on well			2.88	F.I.T. / L.O.T.		2.20sg / 2.20sg	Planned TD	2552.0m	
RT-SL(LAT)		21.5m		ent Op @	0600			from 1320 m.					
RT-ML			87.8m		ned Op		Con	tinue to	o drill 311 mm (12 1	1/4") ho	le.			
Rig He	0		217.0deg											
	nary of casing swa					ree passage	e. Made	up 311	mm (12 1/4") BHA	A and R	IH to 105	0 m. Drilled ahea	d to 1224 m MD.	
Form	ations													
		Name				Top (MD)			Top (TVD)			Comment		
	r Mudston	e			1092.5			1086.4		0.5 H				
	Point Fm cre Shale				1131.0 1201.0			1123.2 1189.5		1.3 L 0.4 L				
Timboo					1201.0			1202.4		0.4 L 0.2 L				
		or Peri	od 000	0 Hrs		0 Hrs on	05 Oc							
Phse	Cls (RC)	Ор	From	То	Hrs	Depth			-	Activi	ty Descri	otion		
	TU (MIS) TU (MIS) TU (MIS) TU (MIS) TU (MIS)	нвна нвна м то оа	0530 0700 0830	0400 0530 0700 0830 1000	4.00 1.50 1.50 1.50	1050.0m 1050.0m 1050.0m 1050.0m	PDC, 5 93 m. unsucc reamir contine Picked Milling 1/4") n stabilis HWDF Comm picked with th 4.1-6.8 times of Pumpo Attemp to rota picked Contine Picked Contine Picked Attemp to rota picked Contine Picked Contine C	308 mr Attemp cessful ng on s ued to d up an asser nelon n ser, 2 x P to sur nelon n set d up ab be mill s a kNm until as sed H-v bited to te back up an und to te back up an sistance I and ra	milling swage from ove swage and atte shoe. Continued to (3-5 kft.lbs). Once sembly passed wit is sweep, fine swal POOH, unsucces through, unsucces through, unsucce d worked past well POOH, laid out mi HA#15 with Bit#10F made up to near bi ce. POOH without a ack back BHA.	t stabilis wage, u m of we Vorked ack asse 4 milling 12 1/4") 3.4 m be 308 mm n 93 m. empted mill fro through th minin rf returr sful. Huu head. illing as RR2 31 ⁷ it stabili any resi	er and 20 nsuccess illhead at past swag embly. g assemb Mill tape hind shoo n (12 1/8" Worked p to ream o m 93 m w swage w al resista red on dit /orked as sembly an I mm (12 ser and a stance pa	 33 mm (8") DC as ful. Attempted to 86.5 m. RIH and ge with low flow ra- ly: red entry shoe an e), 308 mm (12 1/ IBSS), 1 x 203 m bast with mill shoe down, unsuccessi- ith 3236 L/min (8 ith mill assembly ince. ch magnet. the bottom of the sembly over swa nd racked back D 1/4") ReedHycald stand of DC. RIH ist swage and we 	sembly and RIH to POOH, commenced ate and 20 RPM, d 2 x 311 mm (12 8") near bit m (8") DC and e and 2 x mills, ul. Hung up at 93 m 55 GPM), 130 RPM worked several wellhead, attempted ge for 15 min and C. pg RSX616M-A16 past swage withou lihead. Continued to	
IH	U (SCS)	HBHA	1000	1230	2.50	1050.0m	MDi51	9 PDC	A#16 311 mm (12 1 . RIH to 212 m, no	resista	nce obse			
IH	U (SCS)	TI	1230	1430	2.00	1050.0m			RIH from 212 m to					
IH	U (SCS)	RW	1430	1630	2.00	1050.0m	m to 1	050 m.		,.	·		d reamed from 875	
IH	U (SCS)	DA	1630	2400	7.50	1050.0m	Drilled ahead 311 mm (12 1/4") hole from 1050 m to 1224 m MD with 4.5-11.3 t (10-25 klbs) WOB, 160 RPM, 3710 L/min (980 GPM) flow rate and 6.8-27.1 kNm (5-20 kft.lbs) torque. Correlated pyrite stringers off pilot hole mud log and drilled with 100 RPM and 3.6-4 t (8-10 klbs) WOB.							
Opera	ations F	or Peri	od 000	00 Hrs	to 060	0 Hrs on	06 Oc	t 2008	8					
Phse	Cls (RC)	Ор	From	То	Hrs	Depth				Activi	ty Descri	otion		
IH	U	DA	0000	0600	6.00	1320.0m	(10-25 (5-20 l	klbs) \ kft.lbs)	I 311 mm (12 1/4") WOB, 160 RPM, 37 torque. /rite stringers off pi	710 L/m	iin (980 G	PM) flow rate and		

Phse Cls (RC)	Op F	rom	To H	Irs Dept	h			Ad	ctivity Desc	ription			
()					t (8-10) klbs) WO	3.						
WBM Data				1	Cost T	oday \$ 3	9500						
Mud Type:	KCL/GLY	API FL	:	4cm ³ /30m	KCI:	•	11%	Solids:		11.22	Viscosity:		0sec/L
Sample-From:	Pit	Filter-C	Cake:		Hard/Ca:		620	H2O:		89%	PV: YP:		0.034Pa/s 0.254MPa
Time:	22:00	HTHP-	FL:		MBT:		5	Oil:			Gels 10s:		0.053
Weight:	1.35sg	HTHP-	Cake:	1mm	PM:		0.2	Sand:		1.2	Gels 10m: Fann 003:		0.091 11
Temp:	116.0C°				PF:		0.08	pH:		9	Fann 006:		14
								PHPA:		2ppb	Fann 100: Fann 200:		50 71
											Fann 300:		87
Comment		215 bb	ls of mud l	oss when con	ducting sha	allow hole te	st on MW	D tools at s	surface. Cor	ntinued to	Fann 600:		121
				k to active to w									
Bit # 12					Wear	I	01	D	L	В	G	O2	R
Size:	3	311mm	IADC#		No	zzles	Drill	ed over la	ast 24 hrs	(Calculated	l over Bit	Run
Mfr:	:	SMITH	WOB(av	g) 5.53mt	No.	Size	Progre	SS	174.0r	n Cum.	Progress		174.0m
Туре:		PDC	RPM(avg	g) 190	2	16/32nd	On Bo	ttom Hrs	5.00	h Cum.	On Btm H	rs	5.00h
Serial No.:	J	X7062	F.Rate	3748lpm	3	18/32nd	IADC I	Drill Hrs	7.50h Cum		ADC Drill I	Hrs	7.50h
Bit Model	MD5 ⁻	19BPX	SPP	18443kPa			Total F	Revs		Cum 1	Total Revs	0	
Depth In	10)50.0m	TFA	1.138			ROP(a	ivg)	34.80 m/ł	nr ROP(a	avg)	3	34.80 m/hr
Depth Out													
Bit # 10RR					Wear	I	01	D	L	В	G	O2	R
Size:	0												
Size.	3	311mm	IADC#		No	zzles	Drill	ed over la	ast 24 hrs	0	Calculated	l over Bit	Run
Mfr:	3	REED	WOB(av		No.	zzles Size	Drill Progre		ast 24 hrs	Cum.	Progress		0.0m
Mfr: Type:		REED PDC	WOB(av RPM(av				Progre On Bo	ss ttom Hrs	ast 24 hrs	Cum. Cum.	Progress On Btm Hi	rs	0.0m 0.00h
Mfr: Type: Serial No.:	2	REED PDC 218713	WOB(av) RPM(av) F.Rate				Progre On Bo IADC I	ess ttom Hrs Drill Hrs	ast 24 hrs	Cum. Cum. Cum I	Progress On Btm Hi ADC Drill I	rs Hrs	0.0m 0.00h 0.00h
Mfr: Type: Serial No.: Bit Model	2 RSX616	REED PDC 218713 M-A16	WOB(avg RPM(avg F.Rate SPP	3)			Progre On Bo IADC I Total F	ess ttom Hrs Drill Hrs Revs		Cum. Cum. Cum I Cum T	Progress On Btm Hi ADC Drill I Fotal Revs	rs Hrs	0.0m 0.00h 0.00h 0
Mfr: Type: Serial No.: Bit Model Depth In	2 RSX616 10	REED PDC 218713 M-A16 050.0m	WOB(ave RPM(ave F.Rate				Progre On Bo IADC I	ess ttom Hrs Drill Hrs Revs	ast 24 hrs N/	Cum. Cum. Cum I Cum T	Progress On Btm Hi ADC Drill I Fotal Revs	rs Hrs	0.0m 0.00h 0.00h
Mfr: Type: Serial No.: Bit Model Depth In Depth Out	2 RSX616 10	REED PDC 218713 M-A16	WOB(avy RPM(avy F.Rate SPP TFA	0.000	No.	Size	Progre On Bo IADC I Total F	ess ttom Hrs Drill Hrs Revs		Cum. Cum. Cum I Cum T	Progress On Btm Hi ADC Drill I Fotal Revs	rs Hrs	0.0m 0.00h 0.00h 0
Mfr: Type: Serial No.: Bit Model Depth In Depth Out Run Comment	2 RSX616 10	REED PDC 218713 M-A16 050.0m	WOB(avy RPM(avy F.Rate SPP TFA	3)	No.	Size	Progree On Bo IADC I Total F ROP(a	ess ttom Hrs Drill Hrs Revs wg)	N/	Cum. Cum. Cum I Cum T A ROP(a	Progress On Btm Hi ADC Drill I Fotal Revs avg)	rs Hrs	0.0m 0.00h 0.00h 0 0.00 m/hr
Mfr: Type: Serial No.: Bit Model Depth In Depth Out	2 RSX616 10	REED PDC 218713 M-A16 050.0m	WOB(avy RPM(avy F.Rate SPP TFA	0.000	No.	Size	Progre On Bo IADC I Total F	ess ttom Hrs Drill Hrs Revs		Cum. Cum. Cum I Cum T	Progress On Btm Hi ADC Drill I Fotal Revs	rs Hrs	0.0m 0.00h 0.00h 0
Mfr: Type: Serial No.: Bit Model Depth In Depth Out Run Comment	2 RSX616 10 10	REED PDC 218713 M-A16 050.0m	WOB(avy RPM(avy F.Rate SPP TFA	0.000	No. h casing s Wear	Size	Progree On Bo IADC I Total F ROP(a	bss ttom Hrs Drill Hrs Revs tvg) D	N/	Cum. Cum I Cum I Cum T A ROP(a	Progress On Btm Hi ADC Drill I Fotal Revs avg)	rs Hrs O2	0.0m 0.00h 0.00h 0.00 m/hr R
Mfr: Type: Serial No.: Bit Model Depth In Depth Out Run Comment Bit # 10RR2	2 RSX616 10	REED PDC 218713 M-A16 050.0m	WOB(ave RPM(ave F.Rate SPP TFA Unable te	g) 0.000 o pass throug	No. h casing s Wear	Size wage	Progree On Bo IADC I Total F ROP(a	bss ttom Hrs Drill Hrs Revs wg) D ed over la	N/-	Cum. Cum I Cum T A ROP(a	Progress On Btm Hi ADC Drill I Fotal Revs avg) G	rs Hrs O2	0.0m 0.00h 0.00h 0 0.00 m/hr
Mfr: Type: Serial No.: Bit Model Depth In Depth Out Run Comment Bit # 10RR2 Size:	2 RSX616 10	REED PDC 218713 M-A16 050.0m 050.0m	WOB(ave RPM(ave F.Rate SPP TFA Unable to	g) 0.000 o pass throug g)	No. In casing s Wear	Size wage I zzles	Progre On Bo IADC I Total F ROP(a O1 Drill Progre	bss ttom Hrs Drill Hrs Revs wg) D ed over la	N/-	Cum. Cum I Cum T A ROP(a B	Progress On Btm Hi ADC Drill I Fotal Revs avg) G Calculated	rs Hrs O2 I over Bit	0.0m 0.00h 0.00h 0.00 m/hr R Run
Mfr: Type: Serial No.: Bit Model Depth In Depth Out Run Comment Bit # 10RR2 Size: Mfr:	2 RSX616 10 10	REED PDC 218713 M-A16 050.0m 050.0m 311mm REED	WOB(ave RPM(ave F.Rate SPP TFA Unable to IADC# WOB(ave	g) 0.000 o pass throug g)	No. In casing s Wear	Size wage I zzles	On Bo IADC I Total F ROP(a O1 Progree On Bo	bss ttom Hrs Drill Hrs Revs tvg) D D ed over la	N/-	Cum. Cum I Cum T A ROP(a B Cum. Cum.	Progress On Btm Hi ADC Drill I Fotal Revs avg) G Calculated Progress	rs Hrs O2 H over Bit	0.0m 0.00h 0.00h 0.00 m/hr R Run 0.0m
Mfr: Type: Serial No.: Bit Model Depth In Depth Out Run Comment Bit # 10RR2 Size: Mfr: Type:	2 RSX616 10 10	REED PDC 218713 M-A16 050.0m 050.0m 311mm REED PDC 218713	WOB(ave RPM(ave F.Rate SPP TFA Unable te IADC# WOB(ave RPM(ave	g) 0.000 o pass throug g)	No. In casing s Wear	Size wage I zzles	On Bo IADC I Total F ROP(a O1 Progree On Bo	Drill Hrs Crill Hrs Revs Wg) D ed over la Uss ttom Hrs Drill Hrs	N/-	Cum. Cum I Cum T Cum T A ROP(a B	Progress On Btm Hi ADC Drill I Fotal Revs avg) G Calculated Progress On Btm Hi	rs Hrs O2 I over Bit rs Hrs	0.0m 0.00h 0.00h 0.00 m/hr R Run 0.0m 0.00h
Mfr: Type: Serial No.: Bit Model Depth In Depth Out Run Comment Bit # 10RR2 Size: Mfr: Type: Serial No.:	2 RSX616 10 10 3 3 2 RSX616	REED PDC 218713 M-A16 050.0m 050.0m 311mm REED PDC 218713	WOB(ave RPM(ave F.Rate SPP TFA Unable to IADC# WOB(ave F.Rate	g) 0.000 o pass throug g)	No. In casing s Wear	Size wage I zzles	Progree On Bo IADC I Total F ROP(a O1 Progree On Bo IADC I	bss ttom Hrs Drill Hrs Revs tvg) D ed over la ss ttom Hrs Drill Hrs Revs	N/-	Cum. Cum I Cum T A ROP(a B Cum. Cum. Cum I Cum T	Progress On Btm Hi ADC Drill I Fotal Revs avg) G Calculated Progress On Btm Hi ADC Drill I Fotal Revs	rs Hrs O2 I over Bit rs Hrs	0.0m 0.00h 0.00h 0.00 m/hr R R Run 0.0m 0.00h 0.00h
Mfr: Type: Serial No.: Bit Model Depth In Depth Out Run Comment Bit # 10RR2 Size: Mfr: Type: Serial No.: Bit Model	2 RSX616 10 10 3 3 3 2 RSX616 10	REED PDC 218713 M-A16 050.0m 050.0m 311mm REED PDC 218713 M-A16	WOB(ave RPM(ave F.Rate SPP TFA Unable to IADC# WOB(ave RPM(ave SPP	g) 0.000 o pass throug g) g)	No. In casing s Wear	Size wage I zzles	Progree On Bo IADC I Total F ROP(a O1 Progree On Bo IADC I Total F	bss ttom Hrs Drill Hrs Revs tvg) D ed over la ss ttom Hrs Drill Hrs Revs	N/	Cum. Cum I Cum T A ROP(a B Cum. Cum. Cum. Cum I Cum T	Progress On Btm Hi ADC Drill I Fotal Revs avg) G Calculated Progress On Btm Hi ADC Drill I Fotal Revs	rs Hrs O2 I over Bit rs Hrs	0.0m 0.00h 0.00 m/hr R Run 0.0m 0.00h 0.00h 0.00h
Mfr: Type: Serial No.: Bit Model Depth In Depth Out Run Comment Bit # 10RR2 Size: Mfr: Type: Serial No.: Bit Model Depth In	2 RSX616 10 10 3 3 3 2 RSX616 10	REED PDC 218713 M-A16 050.0m 050.0m 311mm REED PDC 218713 M-A16 050.0m	WOB(ave RPM(ave F.Rate SPP TFA Unable to WOB(ave RPM(ave F.Rate SPP TFA	g) 0.000 o pass throug g) g)	No. wear No.	Size wage I Size Size	Progree On Bo IADC I Total F ROP(a O1 Progree On Bo IADC I Total F	bss ttom Hrs Drill Hrs Revs tvg) D ed over la ss ttom Hrs Drill Hrs Revs	N/	Cum. Cum I Cum T A ROP(a B Cum. Cum. Cum. Cum I Cum T	Progress On Btm Hi ADC Drill I Fotal Revs avg) G Calculated Progress On Btm Hi ADC Drill I Fotal Revs	rs Hrs O2 I over Bit rs Hrs	0.0m 0.00h 0.00 m/hr R Run 0.0m 0.00h 0.00h 0.00h
Mfr: Type: Serial No.: Bit Model Depth In Depth Out Run Comment Bit # 10RR2 Size: Mfr: Type: Serial No.: Bit Model Depth In Depth Out	2 RSX616 10 10 3 3 3 2 RSX616 10	REED PDC 218713 M-A16 050.0m 050.0m 311mm REED PDC 218713 M-A16 050.0m	WOB(ave RPM(ave F.Rate SPP TFA Unable to WOB(ave RPM(ave F.Rate SPP TFA	g) 0.000 o pass throug g) g) 0.000	No. wear No.	Size wage I Size Size	Progree On Bo IADC I Total F ROP(a O1 Progree On Bo IADC I Total F	bss ttom Hrs Drill Hrs Revs tvg) D ed over la ss ttom Hrs Drill Hrs Revs	N/	Cum. Cum I Cum T A ROP(a B Cum. Cum. Cum. Cum I Cum T	Progress On Btm Hi ADC Drill I Fotal Revs avg) G Calculated Progress On Btm Hi ADC Drill I Fotal Revs	rs Hrs O2 I over Bit rs Hrs	0.0m 0.00h 0.00 m/hr R Run 0.0m 0.00h 0.00h 0.00h
Mfr: Type: Serial No.: Bit Model Depth In Depth Out Run Comment Bit # 10RR2 Size: Mfr: Type: Serial No.: Bit Model Depth In Depth Out Run Comment	2 RSX616 10 10 3 3 3 2 RSX616 10 10	REED PDC 218713 M-A16 050.0m 050.0m 311mm REED PDC 218713 M-A16 050.0m	WOB(ave RPM(ave F.Rate SPP TFA Unable to WOB(ave RPM(ave F.Rate SPP TFA	g) 0.000 o pass throug g) g) 0.000	No. ph casing s Wear No. No.	Size	Progree On Bo IADC I Total F ROP(a O1 Progree On Bo IADC I Total F	bss ttom Hrs Drill Hrs Revs tvg) D ed over la ss ttom Hrs Drill Hrs Revs	N/	Cum. Cum I Cum T A ROP(a B Cum. Cum. Cum I Cum T A ROP(a	Progress On Btm Hi ADC Drill I Fotal Revs avg) G Calculated Progress On Btm Hi ADC Drill I Fotal Revs	rs Hrs O2 I over Bit Hrs	0.0m 0.00h 0.00 m/hr R Run 0.0m 0.00h 0.00h 0.00h
Mfr: Type: Serial No.: Bit Model Depth In Depth Out Run Comment Bit # 10RR2 Size: Mfr: Type: Serial No.: Bit Model Depth In Depth Out Run Comment BHA # 13	2 RSX616 10 10 3 3 3 2 RSX616 10 10 10	REED PDC 218713 M-A16 050.0m 050.0m 311mm REED PDC 218713 M-A16 050.0m 050.0m	WOB(ave RPM(ave F.Rate SPP TFA Unable to NOB(ave RPM(ave F.Rate SPP TFA Unable to	g) 0.000 o pass throug g) g) 0.000	No. ph casing s Wear No. No.	Size wage size Size wage wage .4m Torq	Progree On Bo IADC I Total F ROP(a O1 Progree On Bo IADC I Total F ROP(a	bess ttom Hrs Drill Hrs Revs wg) D ed over la bess ttom Hrs Drill Hrs Revs wg)	N/	Cum. Cum I Cum T A ROP(a B Cum. Cum. Cum T A ROP(a D.C. (Progress On Btm Hi ADC Drill I Fotal Revs avg) G Calculated Progress On Btm Hi ADC Drill I Fotal Revs avg)	rs Hrs O2 I over Bit Hrs locity	0.0m 0.00h 0 0.00 m/hr R Run 0.0m 0.00h 0.00h 0.00 m/hr
Mfr: Type: Serial No.: Bit Model Depth In Depth Out Run Comment Bit # 10RR2 Size: Mfr: Type: Serial No.: Bit Model Depth In Depth Out Run Comment BHA # 13 Weight(Wet)	2 RSX616 10 10 3 3 3 2 RSX616 10 10 10	REED PDC 218713 M-A16 050.0m 050.0m 311mm REED PDC 218713 M-A16 050.0m 050.0m 9.05mt	WOB(ave RPM(ave F.Rate SPP TFA Unable to IADC# WOB(ave RPM(ave F.Rate SPP TFA Unable to	g) 0.000 o pass throug g) g) 0.000	No. h casing s Wear No. h casing s 117	Size wage I Size Size wage .4m Torq 5mt Torq	Progree On Bo IADC I Total F ROP(a O1 Progree On Bo IADC I Total F ROP(a	m)	N/	Cum. Cum I Cum T A ROP(a B Cum. Cum. Cum. Cum I Cum T A ROP(a	Progress On Btm Hi ADC Drill I Fotal Revs avg) G Calculated Progress On Btm Hi ADC Drill I Fotal Revs avg) 1) Ann Ve	rs Hrs O2 I over Bit Hrs locity locity	0.0m 0.00h 0 0.00 m/hr 0 0.00 m/hr 0.00h 0.00h 0.00h 0 0.00 m/hr
Mfr: Type: Serial No.: Bit Model Depth In Depth Out Run Comment Bit # 10RR2 Size: Mfr: Type: Serial No.: Bit Model Depth In Depth Out Run Comment BHA # 13 Weight(Wet)	2 RSX616 10 10 3 3 3 2 RSX616 10 10 10	REED PDC 218713 M-A16 050.0m 050.0m 311mm REED PDC 218713 M-A16 050.0m 050.0m 9.05mt	WOB(ave RPM(ave F.Rate SPP TFA Unable to NOB(ave RPM(ave F.Rate SPP TFA Unable to Length String	g) 0.000 o pass throug g) g) 0.000 o pass throug	No. h casing s Wear No. h casing s 117	Size wage I Size Size wage .4m Torq 5mt Torq	On Bo IADC I Total F ROP(a O1 O1 O1 Progre On Bo IADC I Total F ROP(a	m)	N/	Cum. Cum I Cum T A ROP(a B Cum. Cum. Cum. Cum T A ROP(a D.C. (D.C. (H.W.E	Progress On Btm Hi ADC Drill I Fotal Revs avg) G Calculated Progress On Btm Hi ADC Drill I Fotal Revs avg) 1) Ann Ve 2) Ann Ve	rs Hrs O2 I over Bit rs Hrs locity locity /elocity	0.0m 0.00h 0.00 m/hr R R 0.0m 0.00h 0.00h 0.00h 0.00h 0.00h 0.00m/hr

Equipment		Length	OD	ID	Serial #		Comment	
						D O		
Bit X/O		0.30m 0.44m	311mm 207mm		219713 646886	RS	X616M-A16	
		-				10	1 /0"	
Near Bit Stabiliser		1.80m	210mm		XM785	12	1/8"	
8in DC		9.42m	203mm	-	186-0051			
8in DC		9.32m	203mm		186-0054	10	4 /0!	
String Stabiliser 8in DC		2.45m 9.08m	213mm 203mm		E1158 186-008	12	1/8"	
X/O HWDP		1.07m 83.94m	198mm 175mm	71mm 78mm	186-0058			
BHA # 14		03.94111	17511111	7011111				
			400.4	- ()				05.04
3 ()	Length		122.1m	Torque(max)			D.C. (1) Ann Velocity	85.94mpm
Wt Below Jar(Wet) 17.24mt	String		95.25mt	Torque(Off.E	8tm)		D.C. (2) Ann Velocity	0mpm
	Pick-Up			Torque(On.E	8tm)		H.W.D.P. Ann Velocity	71.99mpm
	Slack-Off						D.P. Ann Velocity	59.14mpm
BHA Run Description	Milling assemb	bly						
	Milled casing s	-						
Equipment		Length	OD	ID	Serial #		Comment	
Bit		•	311mm		24649A	Ma	lon Mill	
ы. Х/О		4.59m 0.44m	207mm		24649A 646886	we		
Near Bit Stabiliser		0.44m 1.80m	207mm		XM785	12	1/8"	
8in DC		9.42m	210mm 203mm		186-0051	12	1/0	
8in DC		9.42m	203mm		186-0054			
String Stabiliser		9.32m 2.45m	203mm 213mm		E1158	12	1/8"	
8in DC		2.45m 9.08m	203mm		186-008	12	1/0	
X/O		9.00m 1.07m	198mm		186-0058			
HWDP		83.94m	175mm		100-0050			
BHA # 15								
Weight(Wet) 19.05mt	Length		117.4m	Torque(max))		D.C. (1) Ann Velocity	0mpm
	String		95.25mt	Torque(Off.E			D.C. (2) Ann Velocity	0mpm
	Ū		95.2500					•
I	Pick-Up			Torque(On.E	Btm)		H.W.D.P. Ann Velocity	0mpm
	Slack-Off						D.P. Ann Velocity	0mpm
BHA Run Comment	Trial BHA to at	tempt to pas	ss casing s	wage - succe	ssful			
Equipment		Length	OD	ID	Serial #		Comment	
Bit		0.30m	311mm		219713	RS	X616M-A16	
X/O		0.44m	207mm		646886			
Near Bit Stabiliser		1.80m	210mm		XM785	12	1/8"	
8in DC		9.42m	203mm		186-0051			
8in DC		9.32m	203mm		186-0054			
String Stabiliser		2.45m	213mm		E1158	12	1/8"	
8in DC		9.08m	203mm		186-008	1.2	· -	
X/O		1.07m	198mm		186-0058			
HWDP		83.94m	175mm					
BHA # 16								
Weight(Wet) 19.05mt	Length		212.0m	Torque(max))		D.C. (1) Ann Velocity	85.94mpm
	String		95.25mt	Torque(Off.E			D.C. (2) Ann Velocity	0mpm
	Ū			Torque(On.E			H.W.D.P. Ann Velocity	71.99mpm
· ,								
	Pick-Up			Torque(On.L	Juny			
	Pick-Up Slack-Off Directional / FE			Torque(On.E			D.P. Ann Velocity	59.14mpm

Equipment				Len	gth	OD	ID		Serial	#	Comment				
Bit				0.3	30m	311mm		+			Smith M	1Di5	19		
Powerdrive 90	00			9.0	05m	308mm	127mm	n lo)90		X5 assv	/ (flo	at. receiv	er sub	and flex sub)
ARC-8					87m	231mm	76mm		854		,	(,		· · · · · · · · · · · · · · · · · · ·
In-Line Stabili	ser				88m	291mm	111mm		42230733						
Telescope HF					13m	213mm	76mm		E1158						
NMDC					37m	226mm	71mm		SBD4466						
NMDC					55m	213mm	71mm		V688						
X/O					70m	203mm	67mm		ASQ8065						
HWDP				121.3		175mm	76mm								
6.375in Jars					73m	162mm	70mm		DAH01628						
HWDP					30m	10211111	701111		541101020						
Survey				07.	00111										
MD	Incl Deg	Corr. Az	τv		'\ /'	' Sect	Dogleg		N/S		E/W			Tool ⁻	Turno
(m)	(deg)	(deg)	(n		v	(m)	(deg/30m)	(m)		E/VV (m)			1001	туре
1083.00	16.4	122.5	1077.3	4	49.57	7	0.38		-30.58	39	.72	Τ	MWD		
1114.21	17.1	121.8	1107.2	3	58.53	3	0.72		-35.35	47	.32		MWD		
1142.54	18.0	121.6	1134.2	5	67.06	6	1.02		-39.84	54	.59		MWD		
1169.34	18.6	122.9	1159.6	9	75.46	6	0.74		-44.33	61	.70		MWD		
1198.96	19.0	121.0	1187.7	4	84.97	7	0.76		-49.36	69	.78		MWD		
Bulk Stock	s														
	Name			U	Init		In	Us	ed A	Adjust	Bala	ance		Cor	nment
Barite			m	Г			0		0	()	153.	0		
Gel			m				0		0	(33.			
Cement			m				0		0	(46.			
Fuel			m				0		11	(511.			
Potable Water	r		m				34		27	(351.			
Drill Water			m				0		28	(553.			
Personnel	On Board								I						
	Company						C	om	ment						Pax
Santos															4
DOGC															50
ESS															8
BHI															6
Dowell															2
Rheochem															2
MI Swaco															1
TMT															6
Cameron															1
Santos			Geolog	iist											2
	Drilling & Mea	surements	Directio												6
Premium Casi	-		Diffell												6
i iciniuni Casi	119 001 11003		1											Total	
1														iotal	57

Events Num Date of Last Events				Days Since		Remarks							
Abandon Drill 1 05 Oct 200			05 Oct 2008	0 Days	Abandon drill completed after the simulated fire drill under control. A sounded at 10:31 hrs, initial muster completed at 10:41 hrs, full mus completed at 10:49 hrs.								
Environmental	Audit	1	03 Sep 2008	32 Days	Rig visit by DPI. Conducted an	environmental audit on Sa	ntos operation.						
Fire Drill		1	05 Oct 2008	0 Days	Simulated a fire in the cement emergency under control at 10 scenario and resolution.								
First Aid		1	01 Oct 2008	4 Days	IP struck on upper lip when rer	noving float valve from float	t sub.						
JHA		37	05 Oct 2008	0 Days									
Lost Time Incident 1			30 May 2008	128 Days	Man had his left hand caught between an 8" drill collar and the casing tong when he was trying to secure the tong. Preliminary checks on the rig deemed only stitches required and the hand was not broken. The person was medivac'd off the rig @ 23:00hrs. Man was released from Royal Hobart hospital with 12 stitches to the hand (no broken bones).								
Medical Treatment Incident 1			13 Aug 2008	53 Days	During lifting operations of 3rd party tooling on the pipe deck, IP was assisting the dogman in attaching slings to the whip-line hook. During this process the hook swung and hit the IP in the side of the hardhat resulting an injury to the IPs neck. The IP was immobilised as a precautionary measure, treated as per symptoms and in readiness for medivac to hospit for further assessment.								
Pre-Tour Meeting 4 05 Oct 2008				0 Days	Discussed upcoming operation starting.	s and associated hazards p	prior to each shift						
PTW Issued 7 05 Oct 2008				0 Days	Days 5 x hot work 2 x cold work								
Safety Audit		1	29 Jul 2008	68 Days Santos environment audit conducted.									
Safety Audit		1	30 Jul 2008	67 Days	67 Days EHSMS audit conducted onboard.								
Safety Meeting	I	3	05 Oct 2008	0 Days	Days Reviewed stop cards for the week and awarded Santos Stop card win Hayden S, PCS. Discussed the fire drill and the scenario of a fire in the cement unit ro Reviewed abandon rig scenario. Discussed fire systems on rig.								
Santos Inductio	on	1	03 Oct 2008	2 Days	Inducted new personnel to site after DODI rig wide induction.								
Stop Observat	ons	46	05 Oct 2008	0 Days	28 - Safe 18 - Corrective Actions								
STOP Tour		5	04 Oct 2008	1 Day	Submitted 5 by Diamond super	rvisor Stop audit.							
Shakers, V	olumes and	Losses D	ata	Engineer : k	Kellie Jericho / Carissa Thompso	n							
Available	383.3m ³	Losses	76.0m ³	Equ	p. Descr.	Mesh Size	Hours						
Active	84.4m ³	Downhole		Centrifuge '	MI SW FVS 518		0						
Mixing		Surf+ Equip	38.3m³	Centrifuge ?			2						
Hole	97.3m³	Dumped	34.2m ³	Centrifuge 2									
		•	J 4 .21113	Centrifuge 2		20/40 070/000	2						
Slug	0.0m ³	De-Sander		Shaker 3	MI SW - BEM 650	30/10 270/200	7 24						
Reserve	154.7m ³	De-Silter		Shaker 3 Shaker 4	MI SW - BEM 650 MI SW - BEM 650	30/10 270/200 30/10 200HC x 4	24 7						
Kill	0.0m ³	Centrifuge	3.5m³	Shaker 4	MI SW - BEM 650	30/10 200HC x 4							
Storage	46.9m ³			Shaker 5	MI SW - BEM 650	30/10 200HC x 4	24 7						
				Shaker 5	MI SW - BEM 650	30/10 200HC x 4	24						
				Shaker 6	MI SW - BEM 650	30/10 270/200	- 7						
				Shaker 6	MI SW - BEM 650	30/10 270/200	24						

Marine												
Weather che	eck on 05 Oct	2008 at 24:0	0					Rig Support				
Visibility	Wind Speed	Wind Dir.	Pressure	Pressure Air Temp. Wave H		ight Wave Dir. Wave Period		Anchors	Chain o	out (m) T	Tension (mt)	
18.5km	31km/h	270.0deg	1010.00bar	0.00bar 13.0C° 0.4r		270.0deg	3sec	1	135	3.0	136.08	
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Perio	od Weather	Comments	2	137		115.21	
0.5deg	0.4deg	0.50m	1.8m	230.0deg	12sec			- 3	138		117.93 120.20	
Rig Dir.	Ris. Tension	VDL	_	Comments				4 5	141 136		120.20	
•	136.08mt	1087.72mt		Commenta				6	138		111.13	
217.0deg	130.00111	1067.72111						7	139	3.9	164.20	
								8	138	9.9	86.18	
Boats	Arrive	ed (date/time	e) De	parted (date	/time)	Stat	us		Bu	lks		
Far Grip		17:00 hrs 04/	10/03			Running standby,	Ocean Patriot	ltem		Unit	Quantity	
								Fuel		m3	448	
								Potable Water Drill Water		m3 m3	258 740	
								Gel		mt	59	
								Cement		mt	84	
								Barite		mt	84	
								KCI Brine		m3	9	
								NaCl Brine		m3	0	
										m3	131	
								Mud		m3		
Nor Captain				17:30 hrs		Portland - Figures due to lack of repo		Item		Unit	Quantity	
								Fuel Potable Water		m3 m3	470 335	
								Drill Water		m3	335	
								Gel		mt	42	
								Cement		mt	0	
								Barite		mt	42	
								KCI Brine		m3	41.8	
								NaCl Brine		m3	0	
								Mud		m3	104	
Helicopte	r Moveme	ent										
Flight #	Time		Desti	nation			Com	nment			Pax	
BYV		Essendo	on			No helicopter or	n weekend					
BYV		Ocean F	Patriot			No helicopter or	n weekend					