

28 Oct 2009 DRILLING MORNING REPORT # 14 Somerset-1

Well Site M	lanage	r: Dennis	Bell / Kev	/in Mon	khouse								OIM: Rol	Dotson			
Well Data	a																
Country			Australia	a Tot	al Planned I	Days	27.6	0 M. D	epth 29	912.0m	Current Ho	le Size	1	2.250in			
Field		Ot	way Basir		ual Days	•	14.0		•	912.0m	Casing OD	ing OD 1;		3.375in			
Rig Contrac	ctor		DOG	Pla	nned Days (Completed	14.	7 Prog	ress	0.0m	Shoe TVD	e TVD 1		278.5m			
Rig		OCEAN	PATRIO		ys +/- Curve		-0 (Ahead				FIT/LOT		,	1.70sg			
Water Depti	h(LAT)	1	503.0m	Spu	ud Date		19 Oct 200	9			Last BOP 1	Test	23 O	ct 2009			
RT-ASL(LA	T)		21.5m	Ор	erations @ (0600	Monitor we	ell pressui	pressures with well closed in.								
RT-ML			524.5m	Pla	nned Op		Continue	vell kill op	erations.								
Cost Dat	a											Dai	ily Cost: \$	782,176			
							AFE (D&C))	Actual	Cost to Da	te (D&C)		EFC (D&C)			
Mob/Demok	b					\$	5,90	0,000	\$	3,18	32,286	\$	5,50	0,000			
Drilling	Prilling				\$	23,10	0,000	\$	11,01	13,093	\$	21,50	0,000				
Completion						\$		0	\$		0	\$		0			
Testing						\$		0	\$		0	\$		0			
Intervention	1					\$		0	\$		0	\$		0			
Well Total						\$	29,00	0,000	\$	14,19	195,379 \$ 27,000,00						
Summary of Period 0000 to 2400 Hrs																	
BOPs close						fluid.											
				_			2000										
Operatio						5 011 20 (JCT 2009										
	_	OP Froi	_	Hrs	Depth				Activ	ity Descrip	tion						
NPT IF (DHWC)	 1	DA 000	2400	24.00	2902.0m	Well Contro	ol Operatior	IS.									
	Total [Duration		24													
Operatio	ns F	or Perio	d 0000 l	Hrs to	0600 Hrs	s on 29 C	Oct 2009										
CLS PF	HSE	OP Fro	m To	Hrs	Depth		Activity Description										
	- 11	DA 000	0600	6.00	2902.0m	Well Contro	ol Operation	ıs									
(DHWC)	Total	Duration		6													
	Total	Julation		U													
Casing													KPI Score				
OD(in) Csg Shoe MD Csg Shoe TVD (m) (m)						LOT (ppg)	OT (ppg) FIT (ppg) Weight (lbs/ft) Grade										
		(m)		•)			(ppg)	Weigh			;		Top of Liner			
12	30 "	(m)	569.44	•	569.44			(ppg)	Weigh	310.0	X56						
		(m)		•)	14.			Weigh			·C	O2	Liner			
13 Bit # 3	30 "	(m)	569.44	•	569.44	14.	20	(ppg) O1		310.0 72.0	X56 N80 BT		O2				
	30 "	(m)	569.44	•	569.44	14. Wear	20	O1	D	310.0 72.0	X56 N80 BT B	C G	O2 ted over Bit	Liner R			
Bit # 3	30 "	(m) { 12	569.44 278.57	1	569.44 278.51	14. Wear	20 I	O1	D led over	310.0 72.0 L	X56 N80 BT B	G G	ted over Bit	R Run			
Bit # 3 Size:	30 "	(m)	569.44 278.57	1 vg)	569.44 278.51	14. Wear No.	20 I	O1 Drill Progre	D led over	310.0 72.0 L	X56 N80 BT B	G Galcula	ted over Bit	Run 1629.0m			
Bit # 3 Size: Manf:	30 "	(m) ! 12.250in SMITH	669.44 278.57 IADC# WOB (a	1 vg)	569.44 278.51	14. Wear 3 N No. 10	20 I OZZIES	O1 Drill Progre On Bo	D D led over	310.0 72.0 L last 24 hrs	X56 N80 BT B C m Cum. I	G Falcula Progres On Btm	ted over Bit	R Run 1629.0m 42.4h			
Bit # 3 Size: Manf: Type:	30 "	12.250in SMITH	669.44 278.57 IADC# WOB (a	1 vg)) 569.44 278.51 M42:	14. Wear 3 N No. 10	20 I OZZIES	O1 Drill Progre On Bo	D D led over less of the Hrs	310.0 72.0 L last 24 hrs	X56 N80 BT B C m Cum. I	G Galcula Progres On Btm	ted over Bit ss h Hrs rill Hrs	Run 1629.0m 42.4h 78.0h			
Size: Manf: Type: Serial No.:	30 "	12.250in SMITH PDC JD0772	IADC# WOB (a RPM (a' F. Rate	1 vg)) 569.44 278.51 M42:	14. Wear No. 10	20 I OZZIES	O1 Drill Progre On Bo IADC	D Deed over ess ottom Hrs Drill Hrs Revs	310.0 72.0 L last 24 hrs 0.0 0.4	X56 N80 BT B Com Cum. F	G Galcula Progres On Btm ADC D	ted over Bit ss n Hrs rill Hrs	Liner R			



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BHA # 3													
Weight Below Jar	4	0.00klb					F	Parameters					
BHA Weight	6	5.00klb	Rot Weig	ıht	265.0	00klb	Torque (max	x)	D.P. A	Ann Velo	city	0mpm	
Bit to G.R Sensor (Center	10.1m	Pick-Up \	Neight	265.0	00klb	Torque Off B	Bottom (avg)	D.C. (1) Ann \	/elocity	0mpm	
Bit to Dir. Sensor C	Center	18.1m	Slack-Off	f Weight	260.0	00klb	Torque On B	Bottom (avg)	D.C. (2) Ann \	/elocity	0mpm	
BHA Objective							1						
Equipr	ment		Length	Cum. Leng	gth C	DD	ID		Comn	nent			
Bit			0.33m	0.33 m	_	250in							
Near Bit Stab			2.56m	2.89 m		250in	2.875in v	w/ Ported Float					
Pony NMDC			2.90m	5.79 m		00in	2.188in						
Stabilizer			1.75m	7.54 m		250in	2.875in						
Saver Sub			0.38m	7.92 m	8.2	50in	3.000in						
ARC8			5.44m	13.36 m	9.00	00in	2.813in						
ILS			0.91m	14.27 m	12.1	25in	4.250in						
Telescope			7.68m	21.95 m		50in	5.938in						
Saver Sub			0.38m	22.33 m		50in	3.000in						
Stabilizer			0.98m	23.31 m		25in	3.000in						
Sonic 6			6.88m	30.19 m		63in	4.000in						
Saver Sub			0.32m	30.51 m		13in	4.250in						
ADN 8			6.37m	36.88 m		25in	3.250in						
Saver Sub			2.48m	39.36 m		25in	3.000in						
8in DC			54.68m	94.04 m		00in	2.750in						
Jars 8in DC			9.75m 18.65m	103.79 m 122.44 m		63in 00in	3.000in 2.188in						
X/O			1.11m	122.44 II 123.55 m		50in	2.750in						
HWDP			142.17m	265.72 m		00in	3.000in						
WBM Data				200.72.11	1 0.00		0.000111						
	I litro dril	ADI FI		2 000/20min	Cl		F0000ma/	L Calida(0/ yal)	17.00/	Viscos	itv	85sec/L	
Mud Type:	Ultradril	API FI		3.8cc/30min	CI:		50000mg/		17.0%	PV	ity	25cp	
Sample-From:	Active	Filter-	Cake:	1/32nd"	K+C*10	00:	9%		83.0%	YP		33lb/100ft ²	
Time:	07:30	HTHP	-FL:		Hard/Ca	a:	1050mg/	l Oil(%):	0.0%	Gels 10	Os	7	
Weight:	1.50sg	HTHP	-cake:		MBT:		3	Sand:	0.5	Gels 1	0m	9	
Temp:		Glycol	:		PM:			pH:	9	Fann 0	03	7	
					PF:		0.4	PHPA:		Fann 0	06	9	
Comment		Maint	ningd valur	nos and dons		oquiro		trol operations.		Fann 1	00	33	
Comment		IVIAIIII	airieu voiui	nes and dens	silies as i	equire	tu ioi well con	iroi operations.		Fann 2	00	47	
										Fann 3	00	58	
										Fann 6	00	83	
WBM Data													
Mud Type:	Ultradril	API FI	_: 4	1.0cc/30min	CI:		52000mg/	Solids(%vol):	17.0%	Viscos	ity	83sec/L	
Sample-From:	Active	Filter-		1/32nd"	K+C*10	00.	9%	` '	83.0%	PV		24cp	
•										ΥP		34lb/100ft ²	
Time:	22:00	HTHP		1.0cc/30min	Hard/Ca	1.	1000mg/		0.0%	Gels 10	0s	7	
Weight:	1.50sg	HTHP	-cake:	2/32nd"	MBT:		3	Sand:	0.5	Gels 10	0m	9	
Temp:	49C°	Glycol	:		PM:			pH:	9.2	Fann 0	03	7	
					PF:		0.45	PHPA:		Fann 0	06	9	
Comment		1			I					Fann 1		32	
-									Fann 200			47	
										Fann 3		58	
D II 0: 1										Fann 6	UU	82	
Bulk Stock		1.										1	
Name)	U	nit In			ance		Name	Unit	In	Used	Balance	
'G' Cmt			IT 0			7.0	Drill Water		M3	0	7	383.0	
Fuel		N	13 0	18.4	28	6.9	Barite		MT	0	42	103.0	



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Name	Unit	In	Used	Balance	Name	Unit	In	Used	Balance
Pot Water	МЗ	34	26	328.0	Bentonite	MT	0	0	55.0
Fresh water	М3	0	0	0.0					

Supply Ves	ssel										
Boats	Status	Е	Bulks			Status	Е	Bulks			
Lewek Swift	In Portland	Item	Unit	Quantity		On Standby	Item	Unit	Quantity		
		Fuel	m3	381.7	Emerald		Fuel	m3	332.7		
	Po	Pot Water	m3	472			Pot Water	m3	120		
		Drill Water	m3	511			Drill Water	m3	410		
		CEMENT G	mt	0			CEMENT G	mt	40		
		CEMENT HT (SILICA)	mt	88			CEMENT HT (SILICA)	mt	0		
		Barite	mt	15			Barite	mt	90		
		Bentonite	mt	8			Bentonite	mt	0		
		BRINE	bbls	0			BRINE	bbls	0		

Personnel On Board			Total : 97
Company	Pax	Company	Pax
Diamond Offshore	50	MI Australia PTY LTD	2
ESS	8	Schlumberger DD	2
Woodside	8	Schlumberger MWD/LWD	3
ВНІ	6	Subsea 7	3
BJ Tubulars	3	Petrotech	2
Dowell Schlumberger	2	Schlumberger MWD/LWD	7
Dril-Quip	1		

Lagging Indica	Lagging Indicators														
	HPI	LTI	RWC	MTC	TROI	FAC	Env Cat C	Env Non Comp	Dropped Objects	HPH	Env Cat D	Env Cat E			
24hr	0	0	0	0	0	0	0	0	0	0	0	0			
Well To Date	0	0	0	0	0	1	0	0	1	0	1	0			
Month To Date	0	0	0	0	0	1	0	0	1	0	1	0			
Year To Date	0	0	0	0	0	1	0	0	1	0	1	0			
Comments/ Findings															

Leading	Indicat	tors
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	GSR Comp Checks	JSA Comp Checks	PTW Audit	Area Inspection	3rd Party Company Check	Mgt Visits	Drills	Number Observe Cards	ER Exercises	Env Insp Check
24hr	0	0	0	0	0	0	0	91	0	0
Well To Date	8	4	6	4	0	0	4	1320	1	2
Planned Targets per month	10/m	4/m	8/m	4/m	1/qtr	1/qtr	8	N/A	1 first month start up, 6 month after	1/m
Month Actual	8	4	6	4	0	0	4	1320	1	2
Year To Date	8	4	6	4	0	0	4	1320	1	2

Comments/ Findings Number Observe Cards 91 - Safe/Unsafe: 67/24 (DODI - 40; ESS - 5; TPC - 39; WEL - 7).

Leading Indicators

	H&S INC/NM	Env NM					
24hr	0	0					
Well To Date	0	0					
Month To Date	0	0					
Year To Date	0	0					
Comments / Findings				•	•	•	•

General Comments

00:00 to 24:00 Hrs on 28 Oct 2009

Ditch Magnet Reading: 0 grams. (Section Total: 1349 grams).

Hours on Jars: 0 hrs. (Well Total: 50.6hrs).

CAR: 86/143 items closed (13 critical)

Top Stop Cards: #1 - Observed the bunding at the stbd. bulk loading area is a potential trip hazard. It needs to be high-lighted in yellow to make people aware. Observed the hose to the rubbish compactor jutting out. Has become a potential trip hazard. Informed the Motorman, and requested he make the area safe. Informed galley staff to take care when around the compactor.

Operational Comments

Non-compliance trends: Items left in clothing pockets at the Laundry. General housekeeping, tools left on deck, minor PPE infringements.

DODI Supervisor audits conducted: 1

DODI Interventions conducted: 3

Woodside Interventions conducted: 3

Daily Environmental Checklist findings: Cleaned excess hydraulic oil from anchor machine rooms and levers in moonpool. Conducted oil watch duties around the rig.

Performance Summary

			,													
			Da	aily							С	umulativ	e Well			
ı	P NPT SCC NSC		ı	D	NPT		SCC		NSC		Total					
Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hours
		24	100					290.5	86.46	43.5	12.95			2	0.6	336