



DRILLING MORNING REPORT # 1

Surprise 1 Re-entry H

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Date:	22 Dec 2011	Day Wellsite Representative:	Ray C. Miller	Rig Manager:	Matthew Dayman
Report Number:	1	Night Wellsite Representative:	Don Castles	Drilling Company:	Hunt Energy
Latitude (South):	23.00 ° 42.00 ' 50.76 "	Longitude (East):	129.00 ° 59.00 ' 36.09 "	Wellsite Geologist:	Lindsay Cullen

Well Details

Country:	Australia	Current Hole Size:	6.000 in	Casing OD:	7.000 in	AFE Number:	8053
Field:	Surprise	Measured Depth:	2,470.0 m	Casing MD:	2,730.00 m	Original AFE:	AUD 9,833,315
Rig:	Hunt Rig #3	True Vertical Depth:	m	Casing TVD:	m	Supp. AFE No:	
Ground Level:	545.0 m	24 Hr Progress:	0.00 m	TOL MD:	m	Orig. & Sup. AFE:	AUD 9,833,315
RT to GL:	3.66 m	Days On Well:	33.29	TOL TVD:	m	Daily Cost:	AUD 99,459
Planned TD (MD):	3,330.0 m	Days Since Spud:	0.00	Liner Shoe MD:	m	Cum. Cost:	AUD 6,474,519
Planned TD (TVD):	2,551.0 m	Last BOP Date:	19 Dec 2011	Liner Shoe TVD:	m	Last LTI Date:	10 Dec 2010
		FIT/LOT:	11.50 ppg / ppg			Days Since Last LTI:	378
Current Op @ 0600:	Drilling ahead from 2495 meters, sliding and rotating to maintain inclination and direction as required.						
Planned Op:	Drill ahead sliding/rotating as required to maintain direction and inclination to target.						

Summary of Period 0000 to 2400 Hrs

Ran in the hole with new kick off BHA. RIH to Casing Window, unable to establish tool face due to malfunction in Rig Floor DD display. Repaired DD display. Established tool face and began drilling off the whipstock and drilled to 2429 meters, whilst displacing hole to new Brine. Circulated to clean Brine for FIT. Pulled back into Casing and performed FIT. Picked up Kelly and ran back to bottom, and drilled ahead sliding from 2429m to 2470 meters.

HSE Summary

Events	Num. Events	Date Of Last	Days Lapsed	Description	Remarks
Inductions to CTP/MBC	2	22 Dec 2011 00:00	1.00	2 x inductions given to new personnel to site.	
Accident/incident/near miss	0	22 Dec 2011 00:00	1.00	No accidents, incidents or environmental issues raised in the past 24 hrs.	
Pre-Tour Safety Meeting	0	21 Dec 2011 00:00	2.00	Pre tour safety meetings held with all on coming crew and third party personnel.	
Permit To Work	1	22 Dec 2011 00:00	1.00	1 x permit for pressure testing issued.	
Kick/BOP Drill	1	22 Dec 2011 00:00	1.00	Trip drill performed by drilling crew.	

Operations for Period 0000 Hrs to 2400 Hrs on 22 Dec 2011

PHSE	CLS (RC)	OP	From	To	Hrs	Depth	Activity Description
PH	P	TI	00:00	01:00	1.00	2,426.0 m	Picked up 18 joints of HWDP.
PH	P	TI	01:00	04:00	3.00	2,426.0 m	Continued picking up the build assembly and displaced old mud to the sump (Held BOP drill). (Continued building 8.5 Brine in the mud tanks while RIH).
PH	P	TI	04:00	05:30	1.50	2,426.0 m	Laid down 13 joints of Drill Pipe.
PH	P	CMD	05:30	06:30	1.00	2,426.0 m	Installed the RCH (Rotating Control Head) packer and picked up the Kelly. Began circulating and worked the Bit slowly down onto the Whipstock.
PH	TP (TPY)	CDD	06:30	08:00	1.50	2,426.0 m	Unable to establish tool face due to software problem in Rig Floor display. Repaired display system.
PH	P	CDD	08:00	09:00	1.00	2,429.0 m	Established tool face and began drilling off the whipstock and drilled to 2429 meters, whilst displacing hole to new Brine.
PH	P	CMD	09:00	10:00	1.00	2,429.0 m	Displaced hole to new Brine and circulated Brine around.
PH	P	FIT	10:00	10:30	0.50	2,429.0 m	Pulled inside Casing and performed an FIT. EMW=11.50 Ppg. with an applied surface pressure of 1250 Psi. Brine weight in use 8.5 Ppg.
PH	P	CDD	10:30	11:00	0.50	2,429.0 m	Opened the BOP, picked up the Kelly and ran back to bottom.
PH	P	CDD	11:00	24:00	13.00	2,470.0 m	On bottom sliding from 2429 meters to 2470 meters. - MW 8.5 - Avg ROP 6 m/hr

Operations for Period 0000 Hrs to 0600 Hrs on 23 Dec 2011

PHSE	CLS (RC)	OP	From	To	Hrs	Depth	Activity Description
PHx	P	CDD	00:00	06:00	6.00	2,494.0 m	On bottom sliding & rotating from 2470 meters to 2494 meters. - MW 8.5 - Avg ROP 6-8 m/hr



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Performance Summary																	
Daily								Cumulative Well									
P		NPT		SCC		NSC		P		NPT		SCC		NSC		Total	
Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hours	
22.5	93.8	1.5	6.3	0.00	0.0	0.00	0.0	22.5	93.8	1.5	6.3	0.00	0.0	0.00	0.0	24	

WBM Data					Cost Today AUD 5,810.60																				
Mud Desc.:	3% KCl Brine	Viscosity:	27 s/L	Solids:	0.1 %	<table><tr><th colspan="2">Low Range Rheology</th></tr><tr><th>RPM</th><th>Reading</th></tr><tr><td>3</td><td>1</td></tr><tr><td>6</td><td>1</td></tr><tr><td>100</td><td>1</td></tr><tr><td>200</td><td>1</td></tr><tr><td>300</td><td>2</td></tr><tr><td>600</td><td>3</td></tr></table>				Low Range Rheology		RPM	Reading	3	1	6	1	100	1	200	1	300	2	600	3
Low Range Rheology																									
RPM	Reading																								
3	1																								
6	1																								
100	1																								
200	1																								
300	2																								
600	3																								
Check Depth:	2,430.0 m	PV:	1 cP	H2O:	99.9 %																				
Time:	10:00	YP:	1 lbf/100ft²	Oil:	%																				
Weight:	8.50 ppG/	Gel 10s/10m:	1 lbf/100ft²/1 lbf/100ft²	Sand:	0.00 %																				
	1.02 sg	API FL:	cc/30min	Barite:	0.00 lbm/bbl																				
Temperature:	29.00 °C	Filter Cake:	/32nd"	KCl:	3.3 %																				
Cl (in whole mud):	17,200 mg/L	HTHP-FL:	cc/30min	Pm:																					
Cl (in water phase):	17,200 mg/L	HTHP-Cake:	/32nd"	Pf/Mf:	0.03 / 0.20																				
Ca Hard:	40 mg/L			pH:	8.5																				
MBT:	0.00 lbm/bbl			PHPA:	ppb																				
Comment:																									

WBM Data					Cost Today AUD			
Mud Desc.:	3% KCl Brine	Viscosity:	27 s/L	Solids:	0.0 %	Low Range Rheology		
Check Depth:	2,453.0 m	PV:	1 cP	H2O:	100.0 %			
Time:	20:00	YP:	1 lbf/100ft²	Oil:	%	RPM		Reading
Weight:	8.50 ppG/	Gel 10s/10m:	1 lbf/100ft²/1 lbf/100ft²	Sand:	0.00 %	3	1	
	1.02 sg	API FL:	cc/30min	Barite:	0.00 lbm/bbl	6	1	
Temperature:	38.00 °C	Filter Cake:	/32nd"	KCl:	3.4 %	100	1	
Cl (in whole mud):	17,000 mg/L	HTHP-FL:	cc/30min	Pm:		200	1	
Cl (in water phase):	17,000 mg/L	HTHP-Cake:	/32nd"	Pf/Mf:	0.03 / 0.20	300	2	
Ca Hard:	60 mg/L			pH:	8.5	600	3	
MBT:	0.00 lbm/bbl			PHPA:	ppb			
Comment:								

Shakers, Volumes and Losses Data										Engineer: Warren Mills							
Equipment		Description		Mesh Size		Available		736 bbl		Losses		0 bbl					
Shaker						Active		420 bbl		Downhole							
Shaker						Mixing				Surf. + Equip.							
						Hole		316 bbl		Dumped							
						Slug				De-Gasser							
						Reserve				De-Sander							
						Kill				De-Silter							
						Others				Centrifuge							
										Cuttings							
Comment:																	

Bit #1		Wear	I	O1	D	L	B	G	O2	R
Size:	152.4 mm (6")	IADC#:								
Manufacturer:	REED	TFA:		0.518 in²						
Type:	Tricone	Date In:		#1 (22 Dec 2011)						
Serial No:	BX4577	Date Out:								
Bit Model:		Depth In:		2,426.3 m						
		Depth Out:		m						
Bit run comment:										
Bit wear comment:										
Bit Performance										
Duration:		h	Progress:		m	ROP:				0.00 m/h
Total Duration:		0.0 h	Total Progress:		0.00 m	ROP (Avg):				0.00 m/h
Directional Data										
Slide Time:		10.9 h	Rotate Time:		h	Circ. Time:				2.7 h
Slide (%):		100 %	Rotate (%):		%	Circ. (%):				%
Total Slide Time:		10.9 h	Total Rotate Time:		0.0 h	Total Circ. Time:				2.7 h



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Directional Data										
Total KRevs:			revs		HSI:			0.30 hp/in ²		
BHA # 1										
BHA Type:			Steerable Assembly.			Total Weight Wet:			klbs	
Date In:			#1 (22 Dec 2011)			Weight Below Jar Wet:			klbs	
Date Out:										
Depth In:			2,426.3 m							
Depth Out:			m							
Total Length:			1,101.37 m							
BHA Description: Steerable Assembly.										
BHA Run Comment:										
BHA Daily Summary										
Pickup Weight:			klbs	Torque (max):			ft.lbf	D.C. (1) Ann Velocity:		0 m/min
Slack-Off Weight:			klbs	Torque (avg):			N.m	D.C. (2) Ann Velocity:		0 m/min
String Weight:			klbs	Torque (min):			N.m	H.W.D.P. Ann. Velocity:		0 m/min
Jars Hours Logged:			0.00 h					D.P. Ann. Velocity:		0 m/min
Summary:										
BHA Component										
#	Equipment	Description	Length (m)	OD (in)	ID	Serial #	Hours			
1	Bit		0.20	152.40		BX4577				
2	Mud Motor		6.93	130.18		4258				
3	Float Sub		1.01	120.65	63.50	DA7F120E				
4	Crossover		0.35	120.65	63.50	D47X153T				
5	MWD		8.78	120.65	69.85	D47C425D				
6	Non magnetic drill collar		9.31	120.65	69.85	D47C113C				
7	3 1/2" DP		906.23	88.90	70.20	N/A				
8	3 1/2" HWDP		168.56	88.90	52.40	N/A				
Survey										
MD. (m)	Incl. (°)	Corr. Az (°)	TVD (m)	'V' Sect (m)	Dogleg (deg/30m)	N/S (m)	E/W (m)	Tool Type		
2,423.00	2.88	89.19	2,418.76	64.89		11.3	106.4	MWD		
2,435.30	4.92	150.00	2,431.04	65.62	10.53	10.8	107.0	MWD		
2,444.90	9.67	152.89	2,440.55	66.79	14.88	9.8	107.5	MWD		
2,454.40	15.30	152.70	2,449.83	68.76	17.77	7.9	108.5	MWD		
2,464.20	21.37	151.27	2,459.12	71.74	18.62	5.2	109.9	MWD		
Comments										
Formation Tops										
Name							Top (m)			
Parkes							1,294.46			
Mereenie Fm							1,760.00			
Stokes							2,275.00			
Stairway FM							2,447.00			



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Personnel On Site			
Company	Personnel	Job Title	Pax
Central Petroleum Limited	Ray Miller	Drilling Supervisor	1
Central Petroleum Limited	Don Castles	Drilling Supervisor	1
Central Petroleum Limited	Mark Mitchell	HSE Supervisor	1
Central Petroleum Limited	Dalton Hallgren	Chief Operations Officer	1
Central Petroleum Limited	Lindsay Cullen	Geologist	1
Central Petroleum Limited	Emmanuel Cocodia	Geologist	1
Central Petroleum Limited	Micheal Harrison	Geologist	1
Hunt Energy	Matthew Dayman	Rig Manager	1
Hunt Energy	Hector Stuart	Tour Pusher	1
Hunt Energy	Hamilton Edwards	Driller	1
Hunt Energy	Philip Makinson	Driller	1
Hunt Energy	Max McAlister	Safety Observer	1
Hunt Energy	Glen East	Site Medic	1
Hunt Energy	Mark Hill	Derrickman	1
Hunt Energy	Tomica Teata	Derrickman	1
Hunt Energy	Stewart Buchanan	Floorman	1
Hunt Energy	Matthew Walker	Floorman	1
Hunt Energy	Anthony Rees	Floorman	1
Hunt Energy	Danial Baikie	Roughneck	1
Hunt Energy	Matthew Jackson	Motorman	1
Hunt Energy	Anthony Tapley	Lease Hand	1
Hunt Energy	Phillip Bramley	Lease Hand	1
Hunt Energy	Phillip Jones	Mechanic	1
Hunt Energy	Ben McDonald Stewart	Welder	1
Hunt Energy	Robert Herrera	Electrician	1
Hunt Energy	Brian Rayner	Cook	1
Hunt Energy	Anthony May	Cook	1
Hunt Energy	Simon Robinson	Cook	1
Hunt Energy	Jason Barrowcliff	Campie	1
Hunt Energy	Travis Baker	Campie/Driver	1
GEOSERVICES OVERSEAS S.A.	Steve Turbill	Data Engineer	1
GEOSERVICES OVERSEAS S.A.	Andruis Verbyal	Data Engineer	1
RMN Mud Services	Warren Mills	Mud Engineer	1
	Clinton Stowe	Crane Operator	1
	Ronnie Dyker	Water Tanker Driver	1
Pathfinder	Ivan Brandmeyer	Directional Driller	1
Pathfinder	William Edwards	Directional Driller	1
Pathfinder	Adam Rope	MWD	1
Pathfinder	Earl Competente	MWD	1
Smith International	Andre Thomson	Whipstock Technition	1
	Tyron Sampson	Roustabout	1
	Francis Colins	Roustabout	1
	Nero Brown	Roustabout	1
	Jerry Campbell	Roustabout	1
Total			44

Rig Stocks							
Name	Unit	Start Amount	Previous Balance	In	Used	Adjust	Balance
Diesel Fuel – Rig (Litre)	Litre	65,900.0		0	1,200	0	64,700.0

Surprise 1 Re-entry H

Progress Vs. Planned

