



DRILLING MORNING REPORT # 36

Surprise 1 Re-entry H

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Date:	24 Dec 2011	Day Wellsite Representative:	Ray C. Miller	Rig Manager:	Damian Baldwin
Report Number:	36	Night Wellsite Representative:	Dalton Halgren	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:	2,564.0 m	Casing MD:	2,426.00 m	Original AFE:	AUD 9,833,315
Rig:	Hunt Rig #3	True Vertical Depth:	2,535.6 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:	35.29	TOL TVD:	m	Daily Cost:	AUD 84,424
Planned TD (MD):	3,330.0 m	Days Since Spud:	0.00	Liner Shoe MD:	m	Cum. Cost:	AUD 6,643,367
Planned TD (TVD):	2,551.0 m	Last BOP Date:	24 Dec 2011	Liner Shoe TVD:	m	Last LTI Date:	10 Dec 2010
		FIT/LOT:	11.50 ppg / ppg			Days Since Last LTI:	380

Current Op @ 0600: Picking up and testing the BHA.
Planned Op: Make up and test new BHA and run in the hole and drill ahead to landing point.

Summary of Period 0000 to 2400 Hrs

Drilled from 2553m to 2564m (2531.78m TVD). Unable to increase build, POOH to change Bit and Motor. Performed BOP test. Replaced leaking Swivel Packing.

HSE Summary

Events	Num. Events	Date Of Last	Days Lapsed	Description	Remarks
Pre-Tour Safety Meeting	2	24 Dec 2011 00:00	1.00	Pre tour safety meetings held with all on coming crews and third party personnel.	
PTW Audit	1	24 Dec 2011 00:00	1.00	1 x PTW for pressure testing issued.	
Accident/incident/near miss	0	24 Dec 2011 00:00	1.00	No accidents, incidents or environmental issues raised in the past 24hrs.	
BOP Test	1	24 Dec 2011 00:00	1.00	Perform weekly BOP pressure testing.	

Operations for Period 0000 Hrs to 2400 Hrs on 24 Dec 2011

PHSE	CLS (RC)	OP	From	To	Hrs	Depth	Activity Description
PH	P	CDD	00:00	03:30	3.50	2,564.0 m	On bottom sliding & rotating from 2553 meters to 2564 meters. (2531.78m TVD) - MW 8.5 - Avg ROP 5-6 m/hr.
PH	P	TO	03:30	10:30	7.00	2,564.0 m	Flow checked the well and pulled out of the hole to check the Motor and Bit due to inability to increase the build any further. Flow checked at 1450 meters and at BHA.
PH	P	HBH	10:30	11:00	0.50	2,564.0 m	Laid down the Bit and MWD tool.
PH	P	BOP	11:00	11:30	0.50	2,564.0 m	Pulled the Wear Bushing and ran the Plug Tester.
PH	P	BOP	11:30	22:00	10.50	2,564.0 m	Tested BOP Stack, Choke Manifold, Surface Equipment and High Pressure Mud line and Kelly. Low pressure = 250 Psi for 5 minutes, High Pressure = 3,500 Psi for 10 minutes. Tested Inside BOP and Grey Valve off line, same pressures.
PH	TP (RE)	BOP	22:00	24:00	2.00	2,564.0 m	Swivel failed Test - Attempted to re-test swivel - failed - Swivel Packing seal was blown - Located and replaced the spare seal assembly.

Operations for Period 0000 Hrs to 0600 Hrs on 25 Dec 2011

PHSE	CLS (RC)	OP	From	To	Hrs	Depth	Activity Description
PHx	TP (RE)	BOP	00:00	03:00	3.00	2,564.0 m	Replaced Swivel packing assembly - prep to re-test swivel.
PHx	P	BOP	03:00	04:00	1.00	2,564.0 m	Tested Swivel - good test - tested remainder high pressure surface equipment.
PHx	P	HBHA	04:00	06:00	2.00	2,564.0 m	Laid down the Mud Motor - Picked up new BHA and tested the MWD.

Performance Summary

Daily								Cumulative Well								
P		NPT		SCC		NSC		P		NPT		SCC		NSC		Total
Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hours
22	91.7	2	8.3	0.00	0.0	0.00	0.0	66.5	92.4	5.5	7.6	0.00	0.0	0.00	0.0	72



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General Comments for Period 0000 Hrs to 2400 Hrs on 24 Dec 2011

Category	Comments
General Comment	Mud Products used: NaCl=153

Bit #1	Wear	I	O1	D	L	B	G	O2	R
		2	2	BT	M2	4	I		BHA
Size: 152.4 mm (6")	IADC#:				Nozzles				
Manufacturer: REED	TFA:	0.518 in ²			No. x Size				
Type: Tricone	Date In:	#34 (22 Dec 2011)			3 x 15/32nd"				
Serial No: BX4577	Date Out:								
Bit Model:	Depth In:	2,426.3 m							
	Depth Out:	m							

Bit run comment:

Bit wear comment: Pulled out due to inability to increase the build sufficiently. Possible motor failure. Changed the Motor and Bit. There were no broken cutters on cone #1, only in #2 and #3.

Bit Performance			
Duration:	28.0 h	Progress:	m
Total Duration:	54.0 h	Total Progress:	125.00 m
		ROP:	0.00 m/h
		ROP (Avg):	2.31 m/h

Directional Data			
Slide Time:	h	Rotate Time:	h
Slide (%):	%	Rotate (%):	%
Total Slide Time:	10.9 h	Total Rotate Time:	0.0 h
Total KRevs:	100 revs	HSI:	hp/in ²
		Circ. Time:	h
		Circ. (%):	%
		Total Circ. Time:	2.7 h

BHA # 1			
BHA Type:	Steerable Assembly.	Total Weight Wet:	klbs
Date In:	#34 (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 shown here is the one which came out of the hole 24/12/2011. New BHA will be shown on the next report.

BHA Daily Summary			
Pickup Weight:	klbs	Torque (max):	ft.lbf
Slack-Off Weight:	klbs	Torque (avg):	N.m
String Weight:	130.00 klbs	Torque (min):	N.m
Jars Hours Logged:	h		
		D.C. (1) Ann Velocity:	0 m/min
		D.C. (2) Ann Velocity:	0 m/min
		H.W.D.P. Ann. Velocity:	0 m/min
		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	2.12 deg adjusted.	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
2,512.20	44.41	139.83	2,499.01	97.71	14.22	-15.8	125.5	MWD
2,521.90	47.66	138.64	2,505.74	104.68	10.39	-21.1	130.0	MWD
2,531.40	49.51	140.01	2,512.03	111.79	6.68	-26.5	134.7	MWD
2,541.00	50.91	139.41	2,518.17	119.16	4.61	-32.1	139.4	MWD
2,550.60	51.97	141.70	2,524.15	126.65	6.50	-37.9	144.2	MWD

Comments

Formation Tops

Name	Top (m)
Mereenie Fm	1,760.00
Stokes	2,275.00
Stairway FM	2,447.00
Horn Valley Siltstone	2,561.00

Personnel On Site

Company	Personnel	Job Title	Pax
Central Petroleum Limited	Ray Miller	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	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
	Clinton Stowe	Crane Operator	1
Pathfinder	Ivan Brandmeyer	Directional Driller	1
Pathfinder	William Edwards	Directional Driller	1
Pathfinder	Adam Rope	MWD	1
Pathfinder	Earl Competente	MWD	1
Total			35

Rig Stocks

Name	Unit	Start Amount	Previous Balance	In	Used	Adjust	Balance
Diesel Fuel – Rig (Litre)	Litre		63,700.0	0	1,300	0	62,400.0

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Progress Vs. Planned

