



DRILLING MORNING REPORT # 44

Surprise 1 Re-entry H

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Date:	01 Jan 2012	Day Wellsite Representative:	Don Castles	Rig Manager:	Charles Naja.
Report Number:	44	Night Wellsite Representative:		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:	2,853.0 m	Casing MD:	2,426.00 m	Original AFE:	AUD 10,521,781
Rig:	Hunt Rig #3	True Vertical Depth:	2,534.2 m	Casing TVD:	m	Supp. AFE No:	
Ground Level:	545.0 m	24 Hr Progress:	141.00 m	TOL MD:	m	Orig. & Sup. AFE:	AUD 10,521,781
RT to GL:	3.66 m	Days On Well:	43.29	TOL TVD:	m	Daily Cost:	AUD 80,693
Planned TD (MD):	3,330.0 m	Days Since Spud:	0.00	Liner Shoe MD:	m	Cum. Cost:	AUD 7,294,921
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:	388

Current Op @ 0600:	RIH with slick assembly
Planned Op:	RIH and work string to 2853m - Pump Sweeps circulate hole clean - Trip out to 2676m and sweep hole - Pull out to window and layout DP and BHA.

Summary of Period 0000 to 2400 Hrs

Drill to 2853m - Pump out of hole working tight areas to 2428m - Ran back in hole to 2605m working through doglegs - Pumped sweep - circulate hole clean - Pull out of hole - Layout DP singles to rack - continue out of hole to lay down Directional + MWD

HSE Summary

Events	Num. Events	Date Of Last	Days Lapsed	Description	Remarks
Pre-Tour Safety Meeting	2	01 Jan 2012 00:00	1.00	Pre tour safety meeting held with all on coming crews and third party personnel.	
Rig Inspection	3	01 Jan 2012 00:00	1.00	Continue with corrective actions and close out of non conformities highlighted in numerous Rig audits and inspections.	
Accident/incident/near miss	0	01 Jan 2012 00:00	1.00	No accidents, incidents or environmental issues raised in the past 24hrs.	



DRILLING MORNING REPORT # 44

Surprise 1 Re-entry H

Operations for Period 0000 Hrs to 2400 Hrs on 01 Jan 2012

PHSE	CLS (RC)	OP	From	To	Hrs	Depth	Activity Description
PH	P	DM	00:00	01:00	1.00	2,853.9 m	Rotary Drill from 2850m to 2853.90m Wob: 20K, Gpm: 200, Rpm: 45 Pumped 15Bbl sweep.
PH	P	CMD	01:00	01:30	0.50	2,853.0 m	Survey and circulate sweep out.
PH	P	TO	01:30	06:00	4.50	2,853.9 m	Rack back kelly and attempt pulling back to casing window - Pumping out of hole -tight hole from 2835m. Max overpull 70K over string weight - Average Overpull 40K - 45K - 06:00 depth 2601m.
PH	P	TO	06:00	07:30	1.50	2,853.9 m	Circulate and Work tight area from 2601 through 2570m Dogleg 21.86 to 28.35 Deg. 20K overpull - Pump packing off.
PH	P	TO	07:30	09:00	1.50	2,853.9 m	Continue pumping out of hole to 2428m - Layed out 31jnts 3 1/2" (88.9mm) DP.
PH	P	CMD	09:00	11:00	2.00	2,853.9 m	Build sweep and circulate prior to running back in hole
PH	P	TI	11:00	12:30	1.50	2,853.9 m	Rack back kelly and run in to 2572m picking up 3 1/2" (88.9mm) DP - Tight hole - Pick up kelly circulate and work through dog leg area 2572m to 2605m.
PH	P	CMD	12:30	14:00	1.50	2,853.9 m	Set tool face and pump 80bbl sweep - Circulate sweep around while working string from 2589m to 2605m Sand and silt over shakers prior clean up.
PH	P	TO	14:00	15:30	1.50	2,853.9 m	Pull back from 2605m to 2552m - tight hole @ 2552m 20K overpull - Pick up kelly and pump out singles to 2574m - Rack back kelly and pull back to 2428m.
PH	P	CMD	15:30	17:00	1.50	2,853.9 m	Set tool face and pump 60bbls sweep - work pipe to 2441m - circulate out sweep to clean hole.
PH	P	TO	17:00	21:00	4.00	2,853.9 m	Flow Check - Pull out of hole to layout directional drilling tools and MWD equipment.
PH	P	LDP	21:00	23:00	2.00	2,853.9 m	Laying out sideways from 465m to 30m with 3 1/2" (88.9mm) drill pipe due to racking fingers being full.
PH	P	HBHA	23:00	24:00	1.00	2,853.9 m	Pull diverter rubber - Breakout directional tools and layout same.

Operations for Period 0000 Hrs to 0600 Hrs on 02 Jan 2012

PHSE	CLS (RC)	OP	From	To	Hrs	Depth	Activity Description
PHx	P	HBH	00:00	00:30	0.50	2,853.9 m	Lay down directional BHA (Pathfinder tools).
PHx	P	SCL	00:30	01:00	0.50	2,853.9 m	Slip 30' (9.14m) of drilling line.
PHx	P	HBH	01:00	01:30	0.50	2,853.9 m	Make up 6" (152.4mm) bit RR and pickup 3 x 4.3/4" (120.6mm) Spiral DC.
PHx	P	TI	01:30	04:00	2.50	2,853.9 m	Continue running in picking up DP from racks 37 singles.
PHx	P	TI	04:00	06:00	2.00	2,853.9 m	RIH 28stds of DP + 18 HWDP from derrick.

Performance Summary

Daily								Cumulative Well								Total
P		NPT		SCC		NSC		P		NPT		SCC		NSC		Hours
Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hours
24	100	0.00	0.0	0.00	0.0	0.00	0.0	219	83	45	17	0.00	0.0	0.00	0.0	264

General Comments for Period 0000 Hrs to 2400 Hrs on 01 Jan 2012

Category	Comments
General Comment	Mud Products used: KCL=:10 sx Sodium Sulphite=2sx : X Gum 3sx

WBM Data

Cost Today AUD

Mud Desc.:	Brine	Viscosity:	25 s/L	Solids:	%	Low Range Rheology
Check Depth:	2,764.0 m	PV:	cP	H2O:	%	
Time:	12:00	YP:	lbf/100ft²	Oil:	%	RPM
Weight:	8.50 ppg/1.02 sg	Gel 10s/10m:	lbf/100ft²/lbf/100ft²	Sand:	%	Reading
Temperature:	°C	API FL:	cc/30min	Barite:	lbm/bbl	
Cl (in whole mud):	mg/L	Filter Cake:	/32nd"	KCl:	%	
Cl (in water phase):	mg/L	HTHP-FL:	cc/30min	Pm:		
Ca Hard:	mg/L	HTHP-Cake:	/32nd"	Pf/Mf:	/	
MBT:	lbm/bbl			pH:		
				PHPA:	ppb	

Comment:



DRILLING MORNING REPORT # 44

Surprise 1 Re-entry H

Bit #5	Wear	I	O1	D	L	B	G	O2	R
Size: 152.4 mm (6")	IADC#:				Nozzles				
Manufacturer: SMITH	TFA: 0.589 in ²				No. x Size				
Type: Tricone	Date In: #44 (01 Jan 2012)				3 x 16/32nd"				
Serial No: PP4244	Date Out:								
Bit Model: XR 65Y	Depth In: 2,853.0 m								
	Depth Out: m								
Bit run comment: Wiper Trip to TD									
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: h	Rotate Time: h	Circ. Time: h							
Slide (%): %	Rotate (%): %	Circ. (%): %							
Total Slide Time: 0.0 h	Total Rotate Time: 0.0 h	Total Circ. Time: 0.0 h							
Total KRevs: revs	HSI: hp/in ²								
BHA # 5									
BHA Type: Slick Assembly	Total Weight Wet: 27,000.00 klbs								
Date In: #44 (01 Jan 2012)	Weight Below Jar Wet: klbs								
Date Out:									
Depth In: 2,853.0 m									
Depth Out: m									
Total Length: m									
BHA Description: Bit - Bit Sub - 3 x 4.3/4" DC - 94 x 3.1/2" DP - 18 x 3.1/2" Hevi Wate									
BHA Run Comment: Wiper Trip									
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	ID	Serial #	Hours		
1	Bit		0.20						
2	Float Sub		0.74						
3	4 3/4 DC		27.95						
4	3 1/2" DP		906.23						
5	3 1/2" HWDP		186.56						
Bit #4	Wear	I	O1	D	L	B	G	O2	R
Size: 152.4 mm (6")	IADC#:	637Y			Nozzles				
Manufacturer: SMITH	TFA: 0.589 in ²				No. x Size				
Type: 3-Bladed	Date In: #42 (30 Dec 2011)				3 x 16/32nd"				
Serial No: PP4244	Date Out: #44 (01 Jan 2012)								
Bit Model: XR65Y	Depth In: 2,764.0 m								
	Depth Out: 2,853.9 m								
Bit run comment: Well TD									
Bit wear comment:									
Bit Performance									
Duration: 17.6 h	Progress: 73.00 m	ROP: 4.15 m/h							
Total Duration: 37.5 h	Total Progress: 160.00 m	ROP (Avg): 4.27 m/h							
Directional Data									
Slide Time: 7.8 h	Rotate Time: 3.8 h	Circ. Time: 0.8 h							
Slide (%): 22 %	Rotate (%): 78 %	Circ. (%): %							
Total Slide Time: 17.5 h	Total Rotate Time: 8.8 h	Total Circ. Time: 5.6 h							
Total KRevs: 116 revs	HSI: hp/in ²								



DRILLING MORNING REPORT # 44

Surprise 1 Re-entry H

BHA # 4																
BHA Type:		Steerable Assembly.		Total Weight Wet:		klbs										
Date In:		#42 (30 Dec 2011)		Weight Below Jar Wet:		klbs										
Date Out:																
Depth In:		2,764.0 m														
Depth Out:		m														
Total Length:		1,104.43 m														
BHA Description: Steerable Assembly																
BHA Run Comment:																
BHA Daily Summary																
Pickup Weight:		135.00 klbs		Torque (max):		ft.lbf		D.C. (1) Ann Velocity:		0 m/min						
Slack-Off Weight:		127.00 klbs		Torque (avg):		N.m		D.C. (2) Ann Velocity:		0 m/min						
String Weight:		146.00 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	Insert	0.20	152.40		PP4244										
2	MWD	PZIG LXM	0.81	120.65	1.69	X47A079K										
3	Motor		6.96	130.18		4257										
4	Float Sub		1.08	120.65	54.61	D47F035A										
5	MWD Tool		2.15	120.65	1.69	Z47M070K										
6	Crossover		0.35	120.65	54.61	D47X153T										
7	MWD Tool		8.78	120.65	69.85	D47C425D										
8	NMDC		9.31	120.65	69.85	D47C113C										
9	3 1/2 DP		906.23	88.90	70.20											
10	3 1/2" HWDP		186.56	120.65	52.40											
Bit #3		Wear	I	O1	D	L	B	G	O2	R						
			6	6	NR	A	7	1	NR/WT	DMF						
Size: 152.4 mm (6")		IADC#:	637Y		<table border="1"> <tr> <th colspan="2">Nozzles</th> </tr> <tr> <th>No.</th> <th>x Size</th> </tr> <tr> <td colspan="2">3 x 16/32nd"</td> </tr> </table>						Nozzles		No.	x Size	3 x 16/32nd"	
Nozzles																
No.	x Size															
3 x 16/32nd"																
Manufacturer: SMITH		TFA:	0.589 in ²													
Type:		Date In:	#38 (26 Dec 2011)													
Serial No: PS5080		Date Out:														
Bit Model: XR40Y		Depth In:	2,593.1 m													
		Depth Out:	m													
Bit run comment:																
Bit wear comment:																
Bit Performance																
Duration:		14.1 h		Progress:		68.00 m		ROP:		4.82 m/h						
Total Duration:		78.5 h		Total Progress:		380.40 m		ROP (Avg):		4.85 m/h						
Directional Data																
Slide Time:		8.3 h		Rotate Time:		7.8 h		Circ. Time:		3.3 h						
Slide (%):		23 %		Rotate (%):		78 %		Circ. (%):		%						
Total Slide Time:		47.8 h		Total Rotate Time:		40.8 h		Total Circ. Time:		15.5 h						
Total KRevs:		97 revs		HSI:		hp/in ²										



DRILLING MORNING REPORT # 44

Surprise 1 Re-entry H

BHA # 3			
BHA Type:	Steerable Assembly.	Total Weight Wet:	klbs
Date In:	#38 (26 Dec 2011)	Weight Below Jar Wet:	klbs
Date Out:			
Depth In:	2,593.1 m		
Depth Out:	m		
Total Length:	1,104.43 m		

BHA Description:	Steerable Assembly.
BHA Run Comment:	

BHA Daily Summary			
Pickup Weight:	130.00 klbs	Torque (max):	ft.lbf
Slack-Off Weight:	104.00 klbs	Torque (avg):	N.m
String Weight:	125.00 klbs	Torque (min):	N.m
Jars Hours Logged:	0.00 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	Insert	0.20	152.40		PS5080	
2	MWD	PZIG LXM	0.81	120.65	1.69	Z47A119K	
3	Motor		6.96	130.18		4257	
4	Float Sub		1.08	120.65	54.61	D47F035A	
5	MWD Tool		2.15	120.65	1.69	Z47M069K	
6	Crossover		0.35	120.65	54.61	D47X153T	
7	MWD Tool		8.78	120.65	69.85	D47C425D	
8	NMDC		9.31	120.65	69.85	D47C113C	
9	3 1/2 DP		906.23	88.90	70.20		
10	3 1/2" HWDP		186.56	120.65	52.40		

Survey									
MD. (m)	Incl. (°)	Corr. Az (°)	TVD (m)	'V' Sect (m)	Dogleg (deg/30m)	N/S (m)	E/W (m)	Tool Type	
2,656.40	91.28	149.07	2,542.04	226.46	4.11	-121.7	200.9	MWD	
2,666.00	91.80	148.83	2,541.78	235.83	1.79	-129.9	205.9	MWD	
2,675.70	91.45	148.32	2,541.51	245.32	1.91	-138.2	210.9	MWD	
2,684.60	90.92	148.12	2,541.32	254.03	1.91	-145.7	215.6	MWD	
2,694.00	91.36	147.97	2,541.14	263.25	1.48	-153.7	220.6	MWD	
Comments									

Formation Tops	
Name	Top (m)
Stokes	2,275.00
Stairway FM	2,447.00
Horn Valley Siltstone	2,561.00
Pacoota Sst	2,613.00



DRILLING MORNING REPORT # 44

Surprise 1 Re-entry H

Personnel On Site			
Company	Personnel	Job Title	Pax
Central Petroleum Limited	Don Castles	Drilling Supervisor	1
Central Petroleum Limited	Mark Mitchell	HSE Supervisor	1
Central Petroleum Limited	Lindsay Cullen	Geologist	1
Central Petroleum Limited	Micheal Harrison	Geologist	1
Hunt Energy	Charles Nja	Rig Manager	1
Hunt Energy	Hector Stuart	Tour Pusher	1
Hunt Energy	James Krishna	Safety Observer	1
Hunt Energy	Hamilton Edwards	Driller	1
Hunt Energy	Philip Makinson	Driller	1
Hunt Energy	Chris Mihaka	Assistant Driller	1
Hunt Energy	Costa DeMiglio	Remote Medic	1
Hunt Energy	Rick Hall	Derrickman	1
Hunt Energy	Peter Werecky	Derrickman	1
Hunt Energy	Andrew Hannah	Floorman	1
Hunt Energy	Adam Beal	Floorman	1
Hunt Energy	Keiran Biggar	Floorman	1
Hunt Energy	Jai Richey	Lease Hand	1
Hunt Energy	Peter Elcock	Lease Hand	1
Hunt Energy	David Watts	Lease Hand	1
Hunt Energy	Chris Drapple	Lease Hand	1
Hunt Energy	Jamie Dorning	Motorman	1
Hunt Energy	George Lay	Mechanic	1
Hunt Energy	Micheal Haraldsson	Welder	1
Hunt Energy	Luis Orrego	Electrician	1
Hunt Energy	Sam Daniels	Cook	1
Hunt Energy	Brad Morris	Cook	1
Hunt Energy	Chris Bishop	Campie	1
Hunt Energy	Peter Birch	Campie / Driver	1
Hunt Energy	Rikki Wilson	Campie / Driver	1
GEOSERVICES OVERSEAS S.A.	Steve Turbill	Data Engineer	1
GEOSERVICES OVERSEAS S.A.	Tran Vu AnH Tu	Data Engineer	1
	Micheal Warman	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
	Andrew Hallas	Cummins Tech	1
Total			38

Rig Stocks							
Name	Unit	Start Amount	Previous Balance	In	Used	Adjust	Balance
Diesel Fuel – Rig (Litre)	Litre		51,700.0	0	540	0	51,160.0

Surprise 1 Re-entry H

Progress Vs. Planned

