



DRILLING MORNING REPORT # 37

Surprise 1 Re-entry H

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Date:	25 Dec 2011	Day Wellsite Representative:	Ray C. Miller	Rig Manager:	Charles Naja
Report Number:	37	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:	2,587.0 m	Casing MD:	2,426.00 m	Original AFE:	AUD 9,833,315
Rig:	Hunt Rig #3	True Vertical Depth:	2,548.0 m	Casing TVD:	m	Supp. AFE No:	
Ground Level:	545.0 m	24 Hr Progress:	23.00 m	TOL MD:	m	Orig. & Sup. AFE:	AUD 9,833,315
RT to GL:	3.66 m	Days On Well:	36.29	TOL TVD:	m	Daily Cost:	AUD 81,353
Planned TD (MD):	3,330.0 m	Days Since Spud:	0.00	Liner Shoe MD:	m	Cum. Cost:	AUD 6,724,720
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:	381

Current Op @ 0600:	Pulling out of the hole to change Motor settings.
Planned Op:	Pull out of the hole, change Bit and adjust motor settings to drill horizontal section. Run in the hole and drill ahead.

Summary of Period 0000 to 2400 Hrs

Repaired leaking swivel packing. Picked up new Bit and BHA and RIH. Circulated bottoms up, oil to surface. RIH to bottom and drilled to 2587m. (2548m TVD).

HSE Summary

Events	Num. Events	Date Of Last	Days Lapsed	Description	Remarks
Pre-Tour Safety Meeting	2	25 Dec 2011 00:00	1.00	Pre tour safety meetings held with all on coming crews and third party personnel.	
Other	1	25 Dec 2011 00:00	1.00	Continued working on closing out non conformities highlighted in recent Environmental audit.	
Accident/incident/near miss	0	25 Dec 2011 00:00	1.00	No accidents, incidents or environmental issues raised in the past 24hrs.	
Non- Work related incident	1	25 Dec 2011 00:00	1.00	Rig Manager was treated for possible DVT(blood clot). He was evacuated by RFDS @15:30HRS to Alice Springs. Blood clot was confirm at that time and he is presently being treated in Alice Springs Hospital.	

Operations for Period 0000 Hrs to 2400 Hrs on 25 Dec 2011

PHSE	CLS (RC)	OP	From	To	Hrs	Depth	Activity Description
PH	TP (RE)	BOP	00:00	03:00	3.00	2,564.0 m	Replaced Swivel packing assembly - prep to re-test swivel.
PH	P	BOP	03:00	04:00	1.00	2,564.0 m	Tested Swivel - good test - tested remainder high pressure surface equipment.
PH	P	WB	04:00	04:30	0.50	2,564.0 m	Ran the wear bushing.
PH	P	HBHA	04:30	07:30	3.00	2,564.0 m	Picked up the new BHA/Mud Motor and surface tested tools. Pulled back to surface and made up the new Bit.
PH	P	TI	07:30	15:00	7.50	2,564.0 m	Ran in the hole with new Bit and BHA to the Window. Held Pit Drill during trip in hole.
PH	P	CIR	15:00	16:30	1.50	2,564.0 m	Orient and enter window - no hang-ups - circ. BU - Oil to surface almost immediately - samples collected for analysis.
PH	P	TI	16:30	17:00	0.50	2,564.0 m	RIH to bottom - curve is smooth - no excessive slack off or drag.
PH	P	CIR	17:00	18:30	1.50	2,564.0 m	Circ. BU - Oil at possum belly - samples collected for analysis.
PH	P	DA	18:30	24:00	5.50	2,587.0 m	Drill ahead sliding f/ 2564m - 2587m. (2548m TVD) - Avg ROP 4-8m/hr - 20% oil skim coverage at possum belly.



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Operations for Period 0000 Hrs to 0600 Hrs on 26 Dec 2011

PHSE	CLS (RC)	OP	From	To	Hrs	Depth	Activity Description
PHx	P	DA	00:00	02:30	2.50	2,593.0 m	Drill ahead sliding f/ 2587m - 2593m. (2552m TVD) - Avg ROP 4-8m/hr - 20% oil skim coverage at possum belly.
PHx	P	TO	02:30	06:00	3.50	2,593.0 m	Flow Check 15min - OK - POOH to change BHA - 50k Over pull - Kelly up - Pump 3Jts out - 4Jts L/D total - Kelly Down - Cont. POOH - no overpull.

Performance Summary

Daily								Cumulative Well								
P		NPT		SCC		NSC		P		NPT		SCC		NSC		Total
Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hours
21	87.5	3	12.5	0.00	0.0	0.00	0.0	87.5	91.1	8.5	8.9	0.00	0.0	0.00	0.0	96

General Comments for Period 0000 Hrs to 2400 Hrs on 25 Dec 2011

Category	Comments
General Comment	Mud Products used: NaCL = 99

Pumps

Pump Data - Last 24 Hrs									Slow Pump Data	
No.	Type	Liner (in)	SPM	Eff. (%)	Flow (galUS/min)	SPP (psi)	Depth (m)	MW (ppg)	SPM	SPP ()
1	TSM 500 Duplex									
2	TFI 500 Triplex									
3	F800	5.50	72	96.00	201	1,173		8.50		

Bit #1	Wear	I	O1	D	L	B	G	O2	R								
		2	2	BT	M2	4	I		BHA								
Size:	152.4 mm (6")	IADC#:		<table border="1"> <thead> <tr> <th colspan="2">Nozzles</th> </tr> <tr> <th>No.</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>15/32nd"</td> </tr> </tbody> </table>						Nozzles		No.	Size	3	15/32nd"		
Nozzles																	
No.	Size																
3	15/32nd"																
Manufacturer:	REED	TFA:	0.518 in ²														
Type:	Tricone	Date In:	#34 (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: 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:	82.0 h	Total Progress:	125.00 m
		ROP:	0.00 m/h
		ROP (Avg):	1.52 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



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BHA # 1			
BHA Type:	Steerable Assembly.	Total Weight Wet:	klbs
Date In:	#34 (22 Dec 2011)	Weight Below Jar Wet:	klbs
Date Out:	#36 (24 Dec 2011)		
Depth In:	2,426.3 m		
Depth Out:	2,564.2 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	

Bit #2		Wear	I	O1	D	L	B	G	O2	R						
Size:	152.4 mm (6")	IADC#:	637Y		<table border="1"> <tr> <th align="center" colspan="2">Nozzles</th> </tr> <tr> <td>No. x Size</td> <td></td> </tr> <tr> <td>3 x 16/32nd"</td> <td></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:	3-Bladed	Date In:	#37 (25 Dec 2011)													
Serial No:	BX4577	Date Out:														
Bit Model:		Depth In:	2,564.2 m													
		Depth Out:	m													

Bit run comment: Data when Bit is out of hole will be shown on Report #38.

Bit wear comment:

Bit Performance			
Duration:	5.0 h	Progress:	23.00 m
Total Duration:	5.0 h	Total Progress:	23.00 m
		ROP:	4.60 m/h
		ROP (Avg):	4.60 m/h

Directional Data			
Slide Time:	6.3 h	Rotate Time:	0.0 h
Slide (%):	100 %	Rotate (%):	0 %
Total Slide Time:	6.3 h	Total Rotate Time:	0.0 h
Total KRevs:	29 revs	HSI:	hp/in ²
		Circ. Time:	1.3 h
		Circ. (%):	%
		Total Circ. Time:	1.3 h



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BHA # 2			
BHA Type:	Steerable Assembly.	Total Weight Wet:	klbs
Date In:	#37 (25 Dec 2011)	Weight Below Jar Wet:	klbs
Date Out:			
Depth In:	2,564.2 m		
Depth Out:	m		
Total Length:	1,101.40 m		

BHA Description: Streerable Assembly with 2.60 degree adjusted motor.
BHA Run Comment:

BHA Daily Summary					
Pickup Weight:	120.00 klbs	Torque (max):	ft.lbf	D.C. (1) Ann Velocity:	112 m/min
Slack-Off Weight:	110.00 klbs	Torque (avg):	N.m	D.C. (2) Ann Velocity:	112 m/min
String Weight:	115.00 klbs	Torque (min):	N.m	H.W.D.P. Ann. Velocity:	63 m/min
Jars Hours Logged:	0.00 h			D.P. Ann. Velocity:	63 m/min

Summary:

BHA Component							
#	Equipment	Description	Length (m)	OD (in)	ID	Serial #	Hours
1	Bit		0.20	152.40		BX4577	
2	Mud Motor	2.60 deg adjusted.	6.96	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	

Drilling Parameters

BHA Run #2			
Top Depth:	m		
Bottom Depth:	m		
	Min	Avg	Max
WOB (klbs)	4.00	26.00	38.00
Surface RPM	0	0	0
Downhole RPM	78	101	116
Torque (ft.lbf)	0		
SPM	51	72	102
Flow (gpm)	111	201	203
SPP (psi)	404	1,173	1,412

Survey

MD. (m)	Incl. (°)	Corr. Az (°)	TVD (m)	'V' Sect (m)	Dogleg (deg/30m)	N/S (m)	E/W (m)	Tool Type
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
2,560.40	55.13	144.57	2,529.98	134.48	11.98	-44.2	148.9	MWD
2,570.20	62.26	145.01	2,535.07	142.76	21.86	-51.1	153.8	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



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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		62,400.0	0	1,100	0	61,300.0

