



DRILLING MORNING REPORT # 41

Surprise 1 Re-entry H

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Date:	29 Dec 2011	Day Wellsite Representative:	Ray C. Miller	Rig Manager:	Charles Naja.
Report Number:	41	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:	2,764.0 m	Casing MD:	2,426.00 m	Original AFE:	AUD 9,833,315
Rig:	Hunt Rig #3	True Vertical Depth:	2,536.7 m	Casing TVD:	m	Supp. AFE No:	
Ground Level:	545.0 m	24 Hr Progress:	68.00 m	TOL MD:	m	Orig. & Sup. AFE:	AUD 9,833,315
RT to GL:	3.66 m	Days On Well:	40.29	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 7,049,182
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:	385

Current Op @ 0600: POOH with BHA and broke off bit, checked motor, no detectable bearing/seal failure in the motor. Changing Bit and Motor and Near Bit MWD tool. (Midnight TD=2764m-TVD=2536.7m)

Planned Op: Change Motor, pick up new Bit and near bit Gamma Ray and RIH and drill ahead.

Summary of Period 0000 to 2400 Hrs

Drilled to 2764m. Pump prerssure spiked, checked pumps, all OK. Appeared to be downhole motor problem or Bit failure. POOH, worked through tight spot at +/- 136 meters below window, pumped out 5 singles then POOH. (Midnight TD=2764m-TVD=2536.7m); also entered above in "Midnight (MD/TVD)"

HSE Summary

Events	Num. Events	Date Of Last	Days Lapsed	Description	Remarks
Inductions to CTP/MBC	1	29 Dec 2011 00:00	1.00	1 x Induction to new personnel to rig site.	
Accident/incident/near miss	0	29 Dec 2011 00:00	1.00	No accidents, incidents or near misses raised in the past 24hrs.	
Pre-Tour Safety Meeting	2	29 Dec 2011 00:00	1.00	Pre tour safety meetings held with all on coming crew and third party personnel.	

Operations for Period 0000 Hrs to 2400 Hrs on 29 Dec 2011

PHSE	CLS (RC)	OP	From	To	Hrs	Depth	Activity Description
PH	P	DA	00:00	19:00	19.00	2,764.0 m	Continued drilling from 2696 to 2764 meters. (Sliding as necessary to maintain direction & angle) connection gases are on avg. three to four times background. We are still seeing pinpoint oil breaking out in possum belly.
PH	TP (DHM)	DA	19:00	20:00	1.00	2,764.0 m	Motor pressuring up - check surface equipment - appears to be downhole issue (motor or bit) - prep to POOH to check BHA
PH	TP (DHM)	TO	20:00	21:30	1.50	2,764.0 m	Pumpd out 3 singles with the Kelly - hole in good condition - Racked the Kelly and POOH
PH	TP (DHM)	TO	21:30	23:00	1.50	2,764.0 m	Tight Spot at 2562 meters, up to 40K overpull. Picked up the Kelly and pumped out 5 singles back to 2514 meters still with as much as 40K overpull.
PH	TP (DHM)	TO	23:00	24:00	1.00	2,764.0 m	Racked the Kelly and continued pulling out of the hole to change the Motor and Bit.

Operations for Period 0000 Hrs to 0600 Hrs on 30 Dec 2011

PHSE	CLS (RC)	OP	From	To	Hrs	Depth	Activity Description
PHx	TP (DHM)	TO	00:00	05:00	5.00	2,764.0 m	POOH W/ 3 1'2" drill pipe.
PHx	TP (DHM)	HBH	05:00	06:00	1.00	2,764.0 m	POOH W/ BHA. Break out bit, lay down motor.

Performance Summary

Daily								Cumulative Well								
P		NPT		SCC		NSC		P		NPT		SCC		NSC		Total
Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hours
19	79.2	5	20.8	0.00	0.0	0.00	0.0	167.5	87.2	24.5	12.8	0.00	0.0	0.00	0.0	192



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General Comments for Period 0000 Hrs to 2400 Hrs on 29 Dec 2011	
Category	Comments
General Comment	Mud Products used: Nil used.

WBM Data						Cost Today AUD	
Mud Desc.:	Brine	Viscosity:	25 s/L	Solids:	%	Low Range Rheology	
Check Depth:	2,593.0 m	PV:	cP	H2O:	%	RPM	Reading
Time:	16:00	YP:	lbf/100ft ²	Oil:	%		
Weight:	8.50 ppg/ 1.02 sg	Gel 10s/10m:	lbf/100ft ² /lbf/100ft ²	Sand:	%		
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:

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	5.50	103	96.00	197	1,484		8.50		
3	F800									

Bit #3		Wear	I	O1	D	L	B	G	O2	R						
Size:	152.4 mm (6")	IADC#:	637Y		<table border="1"> <thead> <tr> <th colspan="2">Nozzles</th> </tr> <tr> <th>No.</th> <th>x Size</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>x 16/32nd"</td> </tr> </tbody> </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:	36.2 h	Total Progress:	176.40 m	ROP (Avg):	4.87 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:	23.1 h	Total Rotate Time:	17.5 h	Total Circ. Time:	5.8 h
Total KRevs:	97 revs	HSI:	hp/in ²		



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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	D.C. (1) Ann Velocity:	109 m/min
Slack-Off Weight:	104.00 klbs	Torque (avg):	N.m	D.C. (2) Ann Velocity:	109 m/min
String Weight:	125.00 klbs	Torque (min):	N.m	H.W.D.P. Ann. Velocity:	62 m/min
Jars Hours Logged:	0.00 h			D.P. Ann. Velocity:	62 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		

Drilling Parameters

BHA Run #3			
Top Depth:	2,697.0 m		
Bottom Depth:	2,764.0 m		
	Min	Avg	Max
WOB (klbs)	4.00	22.00	62.00
Surface RPM	0	23	49
Downhole RPM	74	103	110
Torque (ft.lbf)			
SPM	74	103	110
Flow (gpm)	142	197	212
SPP (psi)	152	1,484	1,555

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

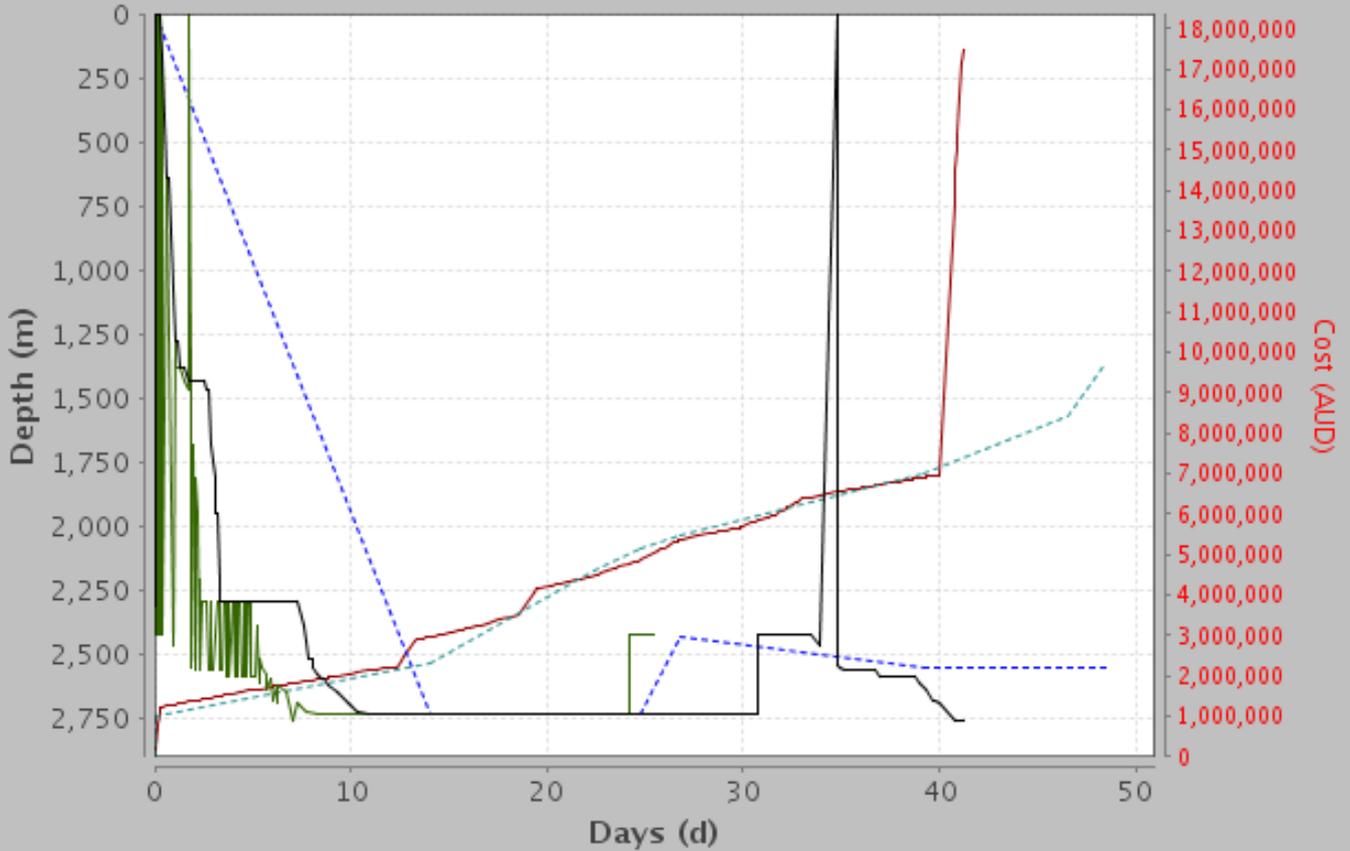
Name	Top (m)
Stokes	2,275.00
Stairway FM	2,447.00
Horn Valley Siltstone	2,561.00
Pacoota Sst	2,613.00



Rig Stocks

Name	Unit	Start Amount	Previous Balance	In	Used	Adjust	Balance
Diesel Fuel – Rig (Litre)	Litre		57,500.0	0	2,160	0	55,340.0

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Progress Vs. Planned



— Actual Day/Depth — Productive Time/Depth - - - Planned/P50 Curve - - - Planned Cost Curve
 — Actual Cost