



DRILLING MORNING REPORT # 46

Surprise 1 Re-entry H

Surprise 1 Re-entry H

Date:	03 Jan 2012	Day Wellsite Representative:	Don Castles	Rig Manager:	Charles Naja.
Report Number:	46	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:	

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:	45.29	TOL TVD:	m	Daily Cost:	AUD 90,770
Planned TD (MD):	3,330.0 m	Days Since Spud:	0.00	Liner Shoe MD:	m	Cum. Cost:	AUD 7,633,989
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:	390

Current Op @ 0600:	Run in with 7" (177.8mm) Packer and 2.7/8" liner assembly.
Planned Op:	Running 2 7/8" (73.0mm) Liner to setting depth EOT @ 2645m - Set Arrowset PKR assembly - Test annulus - Pull out with DP running string - Lay out all 3 1/2" (88.9mm) pipe.

Summary of Period 0000 to 2400 Hrs

Continue pulling out - Lay down drill collars - Make up 7" (177.8mm) Casing scraper - RIH to 2410m - Scrape csg 2399 - 2410m - Trip out scraper and lay down HWDP - Lay out scraper and bit Rig up to run 2 7/8" (73.0mm) tubing.

HSE Summary

Events	Num. Events	Date Of Last	Days Lapsed	Description	Remarks
Inductions to CTP/MBC	7	03 Jan 2012 00:00	1.00	7 x inductions given to new personnel to Rig site.	
Accident/incident/near miss	0	03 Jan 2012 00:00	1.00	No accidents, incidents or environmental issues raised in the past 24hrs.	
Pre-Tour Safety Meeting	2	03 Jan 2012 00:00	1.00	Pre tour safety meetings held with all crews and third party personnel.	
PTW issued	1	03 Jan 2012 00:00	1.00	1 x permit issued for use of the high pressure wash down gun.	

Operations for Period 0000 Hrs to 2400 Hrs on 03 Jan 2012

PHSE	CLS (RC)	OP	From	To	Hrs	Depth	Activity Description
PH	P	TO	00:00	02:30	2.50	2,853.9 m	Pulling out to 232m - laying out singles back to 30m.
PH	P	HBHA	02:30	03:30	1.00	2,853.9 m	Lay out drill collars and break out bit sub and bit.
PH	P	SCP	03:30	06:00	2.50	2,853.9 m	Make up bit - Casing scraper 7" (177.8mm) and bit sub - Running in hole to 370m - monitor well on trip tank.
PH	P	TI	06:00	11:00	5.00	2,853.9 m	Install diverter rubber - Run in hole to 2410m with 7" (177.8mm) scraper.
PH	P	SCP	11:00	13:30	2.50	2,853.9 m	Make up kelly - circulate and scrape 7" (177.8mm) casing from 2399m to 2410m.
PH	P	TO	13:30	15:00	1.50	2,853.9 m	Rack back kelly and pull out racking pipe in derrick from 2399 to 2121m.
PH	P	SCP	15:00	15:30	0.50	2,853.9 m	Pick up kelly and circulate and scrape 7" (177.8mm) casing from 1221m to 2134m.
PH	P	TO	15:30	19:00	3.50	2,853.9 m	Rack kelly and POOH from 2121m to 168m - Remove Diverter insert.
PH	P	HBHA	19:00	20:30	1.50	2,853.9 m	Lay down HWDP 18jnts -Breakout bit and 7" (177.8mm) scraper.
PH	P	HBHA	20:30	21:30	1.00	2,853.9 m	Clear HWDP from pipe racks and clear and clean drill floor.
PH	P	HE	21:30	23:00	1.50	2,853.9 m	Rigging up PCS 2.7/8" (73mm) tubing tong and handling tools - Move 18jnts 3.1/2" (88.9mm) DP to pipe racks - strap and clean same
PH	P	RTB	23:00	24:00	1.00	2,853.9 m	Ran Safety Meeting with rig crew and tubing running personnel - Pick up 2.7/8" (73.0mm) Tubing and run in to 96.0m - Makeup Torque 1650ft/lbs



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Operations for Period 0000 Hrs to 0600 Hrs on 04 Jan 2012

PHSE	CLS (RC)	OP	From	To	Hrs	Depth	Activity Description
PHx	P	RTB	00:00	02:00	2.00	2,853.9 m	Continue picking up tubing 73.0mm from racks (25joints) and run in to 239.77m.
PHx	P	RTB	02:00	03:00	1.00	2,853.9 m	Held JSA with Weatherford prior to pickup of Arrowset Packer - Make up packer assembly to TBG.
PHx	P	RTB	03:00	03:30	0.50	2,853.9 m	Rig down PCS tubing tong.
PHx	P	RTB	03:30	06:00	2.50	2,853.9 m	Running in with 2.7/8"liner and packer assembly on 3 1/2" (88.9mm) DP to 1112.04m.

Performance Summary

Daily								Cumulative Well								
P		NPT		SCC		NSC		P		NPT		SCC		NSC		Total
Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hours
24	100	0.00	0.0	0.00	0.0	0.00	0.0	267	85.6	45	14.4	0.00	0.0	0.00	0.0	312

General Comments for Period 0000 Hrs to 2400 Hrs on 03 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:	%	<table border="1"> <thead> <tr> <th colspan="2">Low Range Rheology</th> </tr> <tr> <th>RPM</th> <th>Reading</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	Low Range Rheology		RPM	Reading		
Low Range Rheology												
RPM	Reading											
Check Depth:	2,764.0 m	PV:	cP	H2O:	%							
Time:	12:00	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:

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"> <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:	106.7 h	Total Progress:	516.40 m	ROP (Avg):	4.84 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:	64.3 h	Total Rotate Time:	56.3 h	Total Circ. Time:	22.0 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:	0 m/min
Slack-Off Weight:	104.00 klbs	Torque (avg):	N.m	D.C. (2) Ann Velocity:	0 m/min
String Weight:	125.00 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		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		

Bit #5		Wear	I	O1	D	L	B	G	O2	R						
Size:	152.4 mm (6")	IADC#:	637Y	<table border="1"> <tr> <th 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:	Tricone	Date In:	#44 (01 Jan 2012)													
Serial No:	PP4244	Date Out:	#46 (03 Jan 2012)													
Bit Model:	XR 65Y	Depth In:	2,853.0 m													
		Depth Out:	2,853.0 m													

Bit run comment: Wiper Trip to TD 2853.90m - Grading as from Run #4

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		



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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:	#45 (02 Jan 2012)		
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 to TD

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						
			7	7	NR	A	3	I	NR/WT	BLANK						
Size:	152.4 mm (6")	IADC#:	637Y		<table border="1"> <tr> <th colspan="2">Nozzles</th> </tr> <tr> <td>No. x Size</td> <td></td> </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:	3-Bladed	Date In:	#42 (30 Dec 2011)													
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: Worn and chipped insert cutters

Bit Performance					
Duration:	17.6 h	Progress:	73.00 m	ROP:	4.15 m/h
Total Duration:	72.7 h	Total Progress:	306.00 m	ROP (Avg):	4.21 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:	33.2 h	Total Rotate Time:	16.5 h	Total Circ. Time:	7.2 h
Total KRevs:	116 revs	HSI:	hp/in ²		



DRILLING MORNING REPORT # 46
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		

Survey

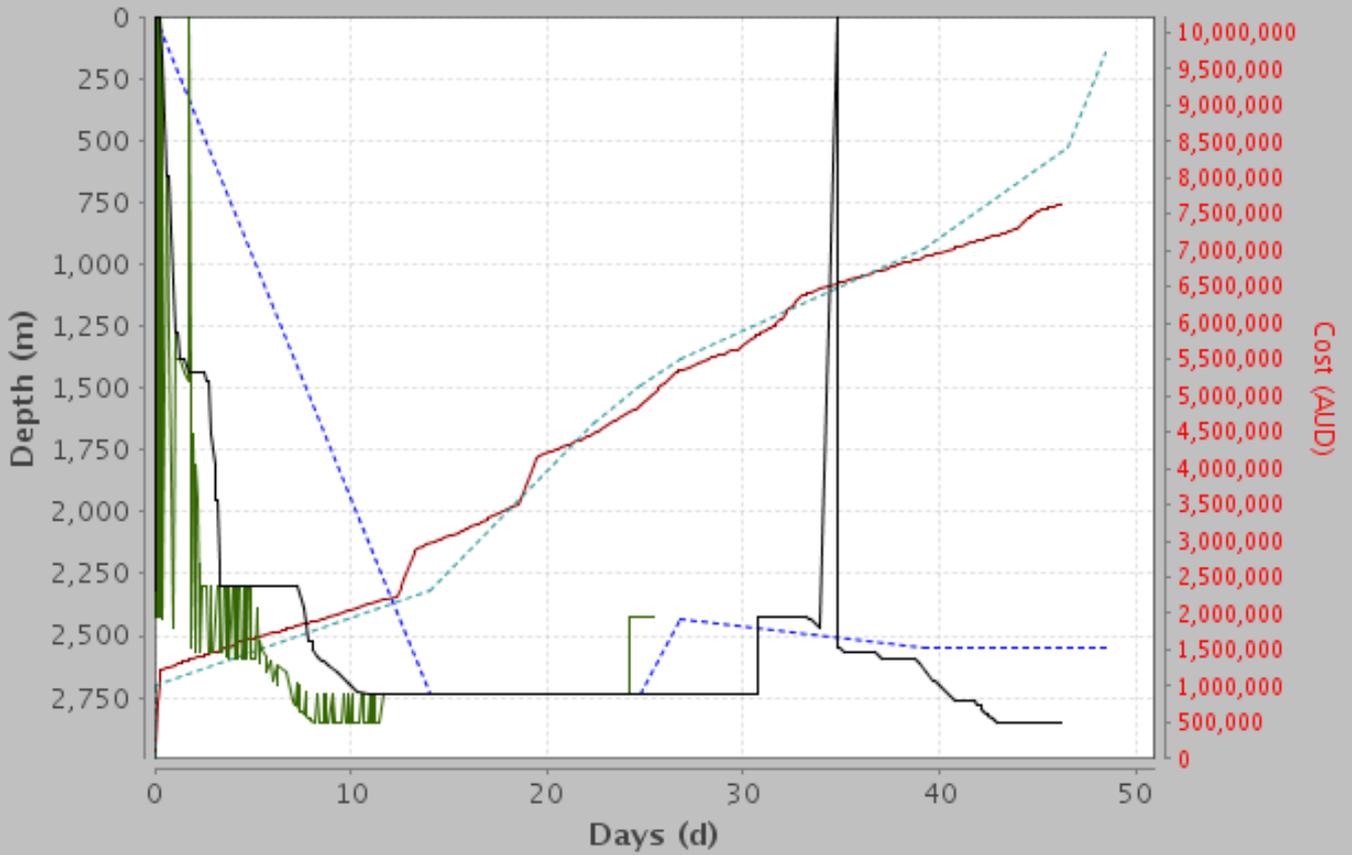
MD. (m)	Incl. (°)	Corr. Az (°)	TVD (m)	'V' Sect (m)	Dogleg (deg/30m)	N/S (m)	E/W (m)	Tool Type
2,656.40	91.28	149.07	2,542.04	226.46	4.11	-121.7	200.9	MWD
2,666.00	91.80	148.83	2,541.78	235.83	1.79	-129.9	205.9	MWD
2,675.70	91.45	148.32	2,541.51	245.32	1.91	-138.2	210.9	MWD
2,684.60	90.92	148.12	2,541.32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

Surprise 1 Re-entry H Progress Vs. Planned



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