

Input Source: D:\OP_Folder\Clients\Essco_Australia\COBIA_A14a\PGGD\COMP_CLIENT_COMP_031.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **PERFO_024LUP** Sequence: **1**

Defining Origin: 102

File ID: PERFO_024LUP File Type: DEPTH LOG

Producer Name: Schlumberger Product/Version: OP 17C0-154 File Set: 41 File Number: 22 12-APR-2009 17:06:38

Company Name: Esso Australia Pty Ltd.
Well Name: Cobia A14a
Field Name: Cobia
Tool String: PGGT-D, SHM_GUN
Computations: WELLCAD

Error Summary File: **PERFO_024LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_024LUP** Sequence: **1**

Origin: 102

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	Cobia A14a	WN
Field Name	Cobia	FN
Rig:	Rig 175	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Bass Strait	FL
Service Order Number	AY1C-00017	SON
Longitude	148°18'33.005" E	LONG
Latitude	038°26'57.568" S	LATI
Maximum Hole Deviation	39.7 (deg)	MHD
Elevation of Kelly Bushing	41.0 (m)	EKB
Elevation of Ground Level	-79.0 (m)	EGL
Elevation of Derrick Floor	41.0 (m)	EDF
Permanent Datum	GL	PDAT, EPD
Log Measured From	RT	LMF, APD
Drilling Measured From	RT	DMF

Absent Valued Parameters: CN1, CONT, FL1, FL2, SECT, TOWN, RANG, APIN

Job Data

Date as Month-Day-Year	12-Apr-2009	DATE
Run Number	1 & 2	RUN
Total Depth - Driller	3043.0 (m)	TDD
Bottom Log Interval	2921.3 (m)	BLI
Top Log Interval	2921.3 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	0.0 (m)	CDF
Casing Depth To	3040.7 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	0.0 (m)	BSDF
Bit Size Depth To	3043.0 (m)	BSDT
Date Logger At Bottom	12-Apr-2009	DLAB
Logging Unit Number	3929	LUN, LUL
Engineer's Name	Owen D , Gaffar F	ENGI
Witness's Name	D Daniels & M Culicut	WITN
Service Order Number	AY1C-00017	SON

Absent Valued Parameters: TDL, TLAB

Mud Data

Drilling Fluid Type	Brine	DFT
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Drilling Fluid Density	8.55 (g/cm3)	DFD
Date Logger At Bottom	12-Apr-2009	DLAB
Absent Valued Parameters: DfV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, MRT2, MRT3, DCS, TCS, TLAB		
PVT Data		
Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR		
Cement Data		
Cement Job Type	Primary	CJT
Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA		
Remarks		
Log correlated to Schlumberger LWD log .		R1
Objective: Run 6" Junk Basket to HUD to ensure access for Max-R.		R2
Set Max-R on depth using a CPST and PGGT .		R3
Maximum Well Deviation = 39.74 deg @ 2936 m MDKB		R4
HUD Tagged @ m MDKB with Junk Basket		R5
Max-R perforation interval 2930 – 2932.5m		R7
CCL to Top Shot= 11.66 m		R8
CCL Stop Depth = 2918.34 m MDKB		R9
Schlumberger Crew: Gary M & Andrew H (Day's)		R16
Nathan S & Max H (Night's)		R17
Other Services		
None		OS1

Channels	File: PERFO_024LUP	Sequence: 1
Origin: 102		
PGGT-D: Powered Gun Gamma Ray – D		
Spacing: –6.0 in	Number of Channels: 2	
GR RGR		
Spacing: –1.0 in	Number of Channels: 2	
CCL RCCL		
SHM_GUN: GUN		
Spacing: –1.0 in	Number of Channels: 1	
SCCL		
System and Miscellaneous		
Spacing: –6.0 in	Number of Channels: 7	
BS CS CVEL ETIM TDEP TENS TIME		
Spacing: –1.0 in	Number of Channels: 5	
IDWD SCD SCDV TDEP;1 TIME;1		

Frame Summary		File: PERFO_024LUP		Sequence: 1		
Origin: 102						
<u>Index Type</u>	<u>Start</u>	<u>Stop</u>	<u>Spacing</u>	<u>Channels</u>	<u>Index Channel</u>	<u>Frame Name</u>
BOREHOLE-DEPTH	2963.57	2884.02 m	-60.0 (0.1 in) up	9	TDEP	60B
	9723.00	9462.00 ft				
BOREHOLE-DEPTH	2963.57	2884.20 m	-10.0 (0.1 in) up	8	TDEP;1	10B
	9723.00	9462.58 ft				

File Header	File: PERFO_026LUP	Sequence: 2
Defining Origin: 102		
File ID: PERFO_026LUP File Type: DEPTH LOG		
Producer Name: Schlumberger		Product/Version: OP 17C0-154
		File Set: 41
		File Number: 24
		12-APR-2009 17:30:41
Company Name:	Esso Australia Pty Ltd.	
Well Name:	Cobia A14a	
Field Name:	Cobia	
Tool String:	PGGT-D, SHM_GUN	
Computations:	WELL CAD	

Computations: WELLCD		
Error Summary	File: PERFO_026LUP	Sequence: 2
No errors detected in file.		

Well Site Data	File: PERFO_026LUP	Sequence: 2
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Origin: 102

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	Cobia A14a	WN
Field Name	Cobia	FN
Rig:	Rig 175	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Bass Strait	FL
Service Order Number	AY1C-00017	SON
Longitude	148°18'33.005" E	LONG
Latitude	038°26'57.568" S	LATI
Maximum Hole Deviation	39.7 (deg)	MHD
Elevation of Kelly Bushing	41.0 (m)	EKB
Elevation of Ground Level	-79.0 (m)	EGL
Elevation of Derrick Floor	41.0 (m)	EDF
Permanent Datum	GL	PDAT, EPD
Log Measured From	RT	LMF, APD
Drilling Measured From	RT	DMF
Elevation of Permanent Datum 0.0 (m)		
Above Permanent Datum 41.0 (m)		

Absent Valued Parameters: CN1, CONT, FL1, FL2, SECT, TOWN, RANG, APIN

Job Data

Date as Month-Day-Year	12-Apr-2009	DATE
Run Number	1 & 2	RUN
Total Depth – Driller	3043.0 (m)	TDD
Bottom Log Interval	2921.3 (m)	BLI
Top Log Interval	2921.3 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	0.0 (m)	CDF
Casing Depth To	3040.7 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	0.0 (m)	BSDF
Bit Size Depth To	3043.0 (m)	BSDT
Date Logger At Bottom	12-Apr-2009	DLAB
Logging Unit Number	3929	LUN, LUL
Engineer's Name	Owen D , Gaffar F	ENGI
Witness's Name	D Daniels & M Culicut	WITN
Service Order Number	AY1C-00017	SON
Logging Unit Location AUSL		

Absent Valued Parameters: TDL, TLAB

Mud Data

Drilling Fluid Type	Brine	DFT
Drilling Fluid Density	8.55 (g/cm3)	DFD
Date Logger At Bottom	12-Apr-2009	DLAB

Absent Valued Parameters: DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, MRT2, MRT3, DCS, TCS, TLAB

PVT Data

Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR

Cement Data

Cement Job Type	Primary	CJT
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Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA

Remarks

Log correlated to Schlumberger LWD log .	R1
Objective: Run 6" Junk Basket to HUD to ensure access for Max-R.	R2
Set Max-R on depth using a CPST and PGGT .	R3
Maximum Well Deviation = 39.74 deg @ 2936 m MDKB	R4
HUD Tagged @ m MDKB with Junk Basket	R5
Max-R perforation interval 2930 – 2932.5m	R7
CCL to Top Shot= 11.66 m	R8
CCL Stop Depth = 2918.34 m MDKB	R9
Schlumberger Crew: Gary M & Andrew H (Day's)	R16
Nathan S & Max H (Night's)	R17

Other Services

None

OS1

Channels

File: PERFO_026LUP

Sequence: 2

Origin: 102

PGGT-D: Powered Gun Gamma Ray - D

Spacing: -6.0 in

GR

Number of Channels: 2

RGR

Spacing: -1.0 in

CCL

Number of Channels: 2

RCCL

SHM_GUN: GUN

Spacing: -1.0 in

SCCL

Number of Channels: 1

System and Miscellaneous

Spacing: -6.0 in

BS

CS

CVEL

ETIM

TDEP

TENS

TIME

Number of Channels: 7

Spacing: -1.0 in

IDWD

SCD

SCDV

TDEP;1

TIME;1

Number of Channels: 5

Frame Summary

File: PERFO_026LUP

Sequence: 2

Origin: 102

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2965.40	2886.00 m	-60.0 (0.1 in) up	9	TDEP	60B
	9729.00	9468.50 ft				
BOREHOLE-DEPTH	2965.40	2886.02 m	-10.0 (0.1 in) up	8	TDEP;1	10B
	9729.00	9468.58 ft				

File Header

File: PERFO_015PUP

Sequence: 3

Defining Origin: 46

File ID: PERFO_015PUP

File Type: PLAYBACK - SPLICE

Producer Name: Schlumberger

Product/Version: OP 17C0-154

File Set: 41

File Number: 13

12-APR-2009 12:58:33

Company Name:

Esso Australia Pty Ltd.

Well Name:

Cobia A14a

Field Name:

Cobia

Tool String:

PGGT-D, SHM_GUN

Computations:

WELLCAD

Error Summary

File: PERFO_015PUP

Sequence: 3

No errors detected in file.

Well Site Data

File: PERFO_015PUP

Sequence: 3

Origin: 46

Well Data

Company Name

Esso Australia Pty Ltd.

Well Name

Cobia A14a

Field Name

Cobia

Rig:

Rig 175

State:

Victoria

Nation

Australia

Field Location

Bass Strait

Service Order Number

AY1C-00017

Longitude

148°18'33.005" E

Latitude

038°26'57.568" S

Maximum Hole Deviation

39.7 (deg)

CN

WN

FN

CLAB, COUN

SLAB, STAT

NATI

FL

SON

LONG

LATI

MHD

Elevation of Kelly Bushing	41.0 (m)			EKB
Elevation of Ground Level	−79.0 (m)			EGL
Elevation of Derrick Floor	41.0 (m)			EDF
Permanent Datum	GL	Elevation of Permanent Datum	0.0 (m)	PDAT, EPD
Log Measured From	RT	Above Permanent Datum	41.0 (m)	LMF, APD
Drilling Measured From	RT			DMF

Absent Valued Parameters: CN1, CONT, FL1, FL2, SECT, TOWN, RANG, APIN

Job Data

Date as Month–Day–Year	12–Apr–2009			DATE
Run Number	1 & 2			RUN
Total Depth – Driller	3043.0 (m)			TDD
Bottom Log Interval	2921.3 (m)			BLI
Top Log Interval	2921.3 (m)			TLI
Current Casing Size	7.00 (in)			CSIZ
Casing Depth From	0.0 (m)			CDF
Casing Depth To	3040.7 (m)			CADT
Casing Grade	L–80			CASG
Casing Weight	26.0 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Bit Size Depth From	0.0 (m)			BSDF
Bit Size Depth To	3043.0 (m)			BSDT
Date Logger At Bottom	12–Apr–2009			DLAB
Logging Unit Number	3929	Logging Unit Location	AUSL	LUN, LUL
Engineer's Name	Owen D , Gaffar F			ENGI
Witness's Name	D Daniels & M Culicut			WITN
Service Order Number	AY1C–00017			SON

Absent Valued Parameters: TDL, TLAB

Mud Data

Drilling Fluid Type	Brine			DFT
Drilling Fluid Density	8.55 (g/cm3)			DFD
Date Logger At Bottom	12–Apr–2009			DLAB

Absent Valued Parameters: DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, MRT2, MRT3, DCS, TCS, TLAB

PVT Data

Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR

Cement Data

Cement Job Type	Primary			CJT
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Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA

Remarks

Log correlated to Schlumberger LWD log .	R1
Objective: Run 6" Junk Basket to HUD to ensure access for Max–R.	R2
Set Max–R on depth using a CPST and PGGT .	R3
Maximum Well Deviation = 39.74 deg @ 2936 m MDKB	R4
HUD Tagged @ m MDKB with Junk Basket	R5
Max–R perforation interval 2930 – 2932.5m	R7
CCL to Top Shot= 11.66 m	R8
CCL Stop Depth = 2918.34 m MDKB	R9
Schlumberger Crew: Gary M & Andrew H (Day's)	R16
Nathan S & Max H (Night's)	R17

Other Services

None	OS1
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Channels File: PERFO_015PUP Sequence: 3

Origin: 46

PGGT–D: Powered Gun Gamma Ray – D

Spacing: –6.0 in	Number of Channels: 2
GR RGR	
Spacing: –1.0 in	Number of Channels: 2
CCL RCCL	

SHM_GUN: GUN

Spacing: –1.0 in	Number of Channels: 1
SCCL	

System and Miscellaneous

Spacing: –6.0 in	Number of Channels: 7
BS CS CVEL ETIM	TDEP TENS TIME
Spacing: –1.0 in	Number of Channels: 5

Frame Summary

File: PERFO_015PUP

Sequence: 3

Origin: 46

<u>Index Type</u>	<u>Start</u>	<u>Stop</u>	<u>Spacing</u>	<u>Channels</u>	<u>Index Channel</u>	<u>Frame Name</u>
BOREHOLE-DEPTH	3014.62	2895.60 m	-60.0 (0.1 in) up	9	TDEP	60B
	9890.50	9500.00 ft				
BOREHOLE-DEPTH	3014.62	2895.78 m	-10.0 (0.1 in) up	8	TDEP;1	10B
	9890.50	9500.58 ft				



Verification Listing

Listing Completed: 12-APR-2009 20:01:20