

**Input Source:** D:\OP\_Folder\Clients\ExxonMobil\TNA\_A12\GUNI\COMP\_TNA\_A\_12\_COMP\_040.DLIS  
**Format:** DLIS  
**Storage Set ID:** Default Storage Set

**Max Record Length:** 8192  
**Storage Unit Sequence:** 1

**File Header** File: **CCL\_024LUP** Sequence: **1**

**Defining Origin: 35**

File ID: CCL\_024LUP File Type: DEPTH LOG  
 Producer Name: Schlumberger Product/Version: OP 13C0-300 File Set: 41 File Number: 23 31-OCT-2005 11:41:04  
 Company Name: ExxonMobil  
 Well Name: TNA A-12  
 Field Name: Tuna  
 Tool String: MPEX-EA\_S, MPSU-CA, CCL-  
 Computations: WELLCAD

**Error Summary** File: **CCL\_024LUP** Sequence: **1**

No errors detected in file.

**Well Site Data** File: **CCL\_024LUP** Sequence: **1**

**Origin: 35**

**Well Data**

Company Name	ExxonMobil	CN
Well Name	TNA A-12	WN
Field Name	Tuna	FN
Rig:	Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland Basin	FL
	Bass Strait	FL1
Service Order Number	46000447	SON
Longitude	148 25' 5.588" S	LONG
Latitude	38 10' 16.235" E	LATI
Maximum Hole Deviation	41.0 (deg)	MHD
Elevation of Kelly Bushing	32.9 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	31.4 (m)	EDF
Permanent Datum	Mean Sea Level	PDAT, EPD
Log Measured From	Kelly Bushing	LMF, APD
Drilling Measured From	Kelly Bushing	DMF
	Elevation of Permanent Datum 32.9 (m)	
	Above Permanent Datum -32.9 (m)	

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

**Job Data**

Date as Month-Day-Year	31-Oct-2005	DATE
Run Number	2	RUN
Total Depth - Driller	2565.0 (m)	TDD
Total Depth - Logger	0.0 (m)	TDL
Bottom Log Interval	0.0 (m)	BLI
Top Log Interval	0.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	1661.9 (m)	CDF
Casing Depth To	2515.9 (m)	CADT
Casing Grade	K-55	CASG
Casing Weight	23.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	1661.9 (m)	BSDF
Bit Size Depth To	2565.0 (m)	BSDT
Date Logger At Bottom	31-Oct-2005	DLAB, TLAB
Logging Unit Number	1	LUN, LUL
Engineer's Name	Paul Tarrant	ENGI
Witness's Name	Barry White	WITN
Service Order Number	46000447	SON
	Time Logger At Bottom 15:00	
	Logging Unit Location VEA	

**Mud Data**

Drilling Fluid Type	Production Fluids	DET
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Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, MRT2, MRT3, DCS, TCS

**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 Solar log dated 23 APR 2003, provided by the client. R1  
 Objective: R3  
 To set the top seal of the MPBT Plug at 2372m MDKB. R4  
 RIH with 1 run of water, followed by 1 run of cement giving R5  
 1.1m of cement on top of plug. R6  
 Specialist: Paul Tarrant R15  
 Operators: Jakob Annear, Eddy Mezenberg R16

**Other Services**

None OS1

**Frame Summary** File: **CCL\_024LUP** Sequence: **1****Origin: 35**

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2376.83	2337.82 m	-60.0 (0.1 in) up	7	TDEP	60B
	7798.00	7670.00 ft				
BOREHOLE-DEPTH	2376.83	2337.84 m	-10.0 (0.1 in) up	6	TDEP;1	10B
	7798.00	7670.08 ft				

**File Header** File: **CCL\_025LUP** Sequence: **2****Defining Origin: 35**

File ID: CCL\_025LUP File Type: DEPTH LOG  
 Producer Name: Schlumberger Product/Version: OP 13C0-300 File Set: 41 File Number: 24 31-OCT-2005 11:49:49  
 Company Name: ExxonMobil  
 Well Name: TNA A-12  
 Field Name: Tuna  
 Tool String: MPEX-EA\_S, MPSU-CA, CCL-  
 Computations: WELLCAD

**Error Summary** File: **CCL\_025LUP** Sequence: **2**

No errors detected in file.

**Well Site Data** File: **CCL\_025LUP** Sequence: **2****Origin: 35****Well Data**

Company Name	ExxonMobil	CN
Well Name	TNA A-12	WN
Field Name	Tuna	FN
Rig:	Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland Basin	FL
	Bass Strait	FL1
Service Order Number	46000447	SON
Longitude	148 25' 5.588" S	LONG
Latitude	38 10' 16.235" E	LATI
Maximum Hole Deviation	11.0 (deg)	MHD

Maximum Hole Deviation	41.0 (deg)			WHD
Elevation of Kelly Bushing	32.9 (m)			EKB
Elevation of Ground Level	-59.0 (m)			EGL
Elevation of Derrick Floor	31.4 (m)			EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum	32.9 (m)	PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum	-32.9 (m)	LMF, APD
Drilling Measured From	Kelly Bushing			DMF

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

### Job Data

Date as Month-Day-Year	31-Oct-2005			DATE
Run Number	2			RUN
Total Depth - Driller	2565.0 (m)			TDD
Total Depth - Logger	0.0 (m)			TDL
Bottom Log Interval	0.0 (m)			BLI
Top Log Interval	0.0 (m)			TLI
Current Casing Size	7.00 (in)			CSIZ
Casing Depth From	1661.9 (m)			CDF
Casing Depth To	2515.9 (m)			CADT
Casing Grade	K-55			CASG
Casing Weight	23.0 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Bit Size Depth From	1661.9 (m)			BSDF
Bit Size Depth To	2565.0 (m)			BSDT
Date Logger At Bottom	31-Oct-2005	Time Logger At Bottom	15:00	DLAB, TLAB
Logging Unit Number	1	Logging Unit Location	VEA	LUN, LUL
Engineer's Name	Paul Tarrant			ENGI
Witness's Name	Barry White			WITN
Service Order Number	46000447			SON

### Mud Data

Drilling Fluid Type	Production Fluids			DFT
Date Logger At Bottom	31-Oct-2005	Time Logger At Bottom	15:00	DLAB, TLAB

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

### 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 Solar log dated 23 APR 2003, provided by the client.	R1
Objective:	R3
To set the top seal of the MPBT Plug at 2372m MDKB.	R4
RIH with 1 run of water, followed by 1 run of cement giving	R5
1.1m of cement on top of plug.	R6
Specialist: Paul Tarrant	R15
Operators: Jakob Annear, Eddy Mezenberg	R16

### Other Services

None	OS1
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## Frame Summary File: CCL\_025LUP Sequence: 2

### Origin: 35

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	12192.00	11760.86 m	-60.0 (0.1 in) up	7	TDEP	60B
	40000.00	38585.50 ft				
BOREHOLE-DEPTH	12192.00	11760.89 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	40000.00	38585.58 ft				

### File Header

File: CCL\_025LUP Sequence: 2

**Defining Origin: 71**

File ID: PERFO\_009LUP File Type: DEPTH LOG

Producer Name: Schlumberger Product/Version: OP 13C0-300 File Set: 41 File Number: 8 30-OCT-2005 15:16:41

Company Name: ExxonMobil  
 Well Name: TNA A-12  
 Field Name: Tuna  
 Tool String: MWP\_GUN, MWPT-CA, MWGT-AA  
 Computations: WELLCAD

**Error Summary** File: PERFO\_009LUP Sequence: 3

No errors detected in file.

**Well Site Data** File: PERFO\_009LUP Sequence: 3

**Origin: 71**

**Well Data**

Company Name	ExxonMobil		CN
Well Name	TNA A-12		WN
Field Name	Tuna		FN
Rig:	Prod 4		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland Basin		FL
	Bass Strait		FL1
Service Order Number	46000447		SON
Longitude	148 25' 5.588" S		LONG
Latitude	38 10' 16.235" E		LATI
Maximum Hole Deviation	41.0 (deg)		MHD
Elevation of Kelly Bushing	32.9 (m)		EKB
Elevation of Ground Level	-59.0 (m)		EGL
Elevation of Derrick Floor	31.4 (m)		EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum 32.9 (m)	PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum -32.9 (m)	LMF, APD
Drilling Measured From	Kelly Bushing		DMF

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

**Job Data**

Date as Month-Day-Year	30-Oct-2005		DATE
Run Number	1		RUN
Total Depth - Driller	2565.0 (m)		TDD
Total Depth - Logger	2370.0 (m)		TDL
Bottom Log Interval	2370.0 (m)		BLI
Top Log Interval	2321.0 (m)		TLI
Current Casing Size	9.63 (in)		CSIZ
Casing Depth From	14.2 (m)		CDF
Casing Depth To	1768.5 (m)		CADT
Casing Grade	K-55		CASG
Casing Weight	40.0 (lbm/ft)		CWEI
Bit Size	0.0 (in)		BS
Date Logger At Bottom	30-Oct-2005	Time Logger At Bottom 15:00	DLAB, TLAB
Logging Unit Number	1	Logging Unit Location VEA	LUN, LUL
Engineer's Name	Paul Tarrant		ENGI
Witness's Name	Barry White		WITN
Service Order Number	46000447		SON

Absent Valued Parameters: BSDF, BSDT

**Mud Data**

Drilling Fluid Type	Production Fluids		DFT
Date Logger At Bottom	30-Oct-2005	Time Logger At Bottom 15:00	DLAB, TLAB

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

**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 Solar log dated 23 APR 2003, provided by the client

Log connected to Solar log dated 23 APR 2005, provided by the client.  
 Objective:  
 To perforate the well at 2351m to 2353m MDKB using 2 1/8" Enerjet gun  
 loaded with PowerSpiral charges.  
 After perforating, flowed well for 15 min to obtain FBHP, FBHT and  
 clean up.  
 Specialist: Paul Tarrant  
 Operators: Andy Hall, Eddy Mez

R1  
R3  
R4  
R5  
R6  
R7  
R15  
R16

**Other Services**  
MPBT

OS1

**Frame Summary** File: **PERFO\_009LUP** Sequence: **3**

**Origin: 71**

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2370.58 7777.50	2336.29 m 7665.00 ft	-60.0 (0.1 in) up	20	TDEP	60B
BOREHOLE-DEPTH	2370.58 7777.50	2336.32 m 7665.08 ft	-10.0 (0.1 in) up	9	TDEP;1	10B

**File Header** File: **PERFO\_010LUP** Sequence: **4**

**Defining Origin: 71**

File ID: PERFO\_010LUP File Type: DEPTH LOG  
 Producer Name: Schlumberger Product/Version: OP 13C0-300 File Set: 41 File Number: 9 30-OCT-2005 15:22:13  
 Company Name: ExxonMobil  
 Well Name: TNA A-12  
 Field Name: Tuna  
 Tool String: MWP\_GUN, MWPT-CA, MWGT-AA  
 Computations: WELLCAD

**Error Summary** File: **PERFO\_010LUP** Sequence: **4**

No errors detected in file.

**Well Site Data** File: **PERFO\_010LUP** Sequence: **4**

**Origin: 71**

**Well Data**

Company Name	ExxonMobil	CN
Well Name	TNA A-12	WN
Field Name	Tuna	FN
Rig:	Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland Basin	FL
	Bass Strait	FL1
Service Order Number	46000447	SON
Longitude	148 25' 5.588" S	LONG
Latitude	38 10' 16.235" E	LATI
Maximum Hole Deviation	41.0 (deg)	MHD
Elevation of Kelly Bushing	32.9 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	31.4 (m)	EDF
Permanent Datum	Mean Sea Level	PDAT, EPD
Log Measured From	Kelly Bushing	LMF, APD
Drilling Measured From	Kelly Bushing	DMF
	Elevation of Permanent Datum 32.9 (m)	
	Above Permanent Datum -32.9 (m)	

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

**Job Data**

Date as Month-Day-Year	30-Oct-2005	DATE
Run Number	1	RUN
Total Depth - Driller	2565.0 (m)	TDD

Total Depth - Driller	2303.0 (m)			TDL
Total Depth - Logger	2370.0 (m)			BLI
Bottom Log Interval	2370.0 (m)			TLI
Top Log Interval	2321.0 (m)			CSIZ
Current Casing Size	9.63 (in)			CDF
Casing Depth From	14.2 (m)			CADT
Casing Depth To	1768.5 (m)			CASG
Casing Grade	K-55			CWEI
Casing Weight	40.0 (lbm/ft)			BS
Bit Size	0.0 (in)			DLAB, TLAB
Date Logger At Bottom	30-Oct-2005	Time Logger At Bottom	15:00	LUN, LUL
Logging Unit Number	1	Logging Unit Location	VEA	ENGI
Engineer's Name	Paul Tarrant			WITN
Witness's Name	Barry White			SON
Service Order Number	46000447			

Absent Valued Parameters: BSDF, BSDT

### Mud Data

Drilling Fluid Type	Production Fluids			DFT
Date Logger At Bottom	30-Oct-2005	Time Logger At Bottom	15:00	DLAB, TLAB

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

### 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 Solar log dated 23 APR 2003, provided by the client.	R1
Objective:	R3
To perforate the well at 2351m to 2353m MDKB using 2 1/8" Enerjet gun loaded with PowerSpiral charges.	R4
After perforating, flowed well for 15 min to obtain FBHP, FBHT and clean up.	R5
Specialist: Paul Tarrant	R6
Operators: Andy Hall, Eddy Mez	R7
	R15
	R16

### Other Services

MPBT	OS1
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## Frame Summary File: PERFO\_010LUP Sequence: 4

### Origin: 71

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2356.10	2318.46 m	-60.0 (0.1 in) up	20	TDEP	60B
	7730.00	7606.50 ft				
BOREHOLE-DEPTH	2356.10	2318.49 m	-10.0 (0.1 in) up	9	TDEP;1	10B
	7730.00	7606.58 ft				

## File Header File: PERFO\_012LTP Sequence: 5

### Defining Origin: 71

File ID: PERFO\_012LTP File Type: STATION  
 Producer Name: Schlumberger Product/Version: OP 13C0-300 File Set: 41 File Number: 11 30-OCT-2005 15:25:10  
 Company Name: ExxonMobil  
 Well Name: TNA A-12  
 Field Name: Tuna  
 Tool String: MWP\_GUN, MWPT-CA, MWGT-AA  
 Computations: WELLCAD

No errors detected in file.

**Origin: 71**

**Well Data**

Company Name	ExxonMobil		CN
Well Name	TNA A-12		WN
Field Name	Tuna		FN
Rig:	Prod 4		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland Basin		FL
	Bass Strait		FL1
Service Order Number	46000447		SON
Longitude	148 25' 5.588" S		LONG
Latitude	38 10' 16.235" E		LATI
Maximum Hole Deviation	41.0 (deg)		MHD
Elevation of Kelly Bushing	32.9 (m)		EKB
Elevation of Ground Level	-59.0 (m)		EGL
Elevation of Derrick Floor	31.4 (m)		EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum 32.9 (m)	PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum -32.9 (m)	LMF, APD
Drilling Measured From	Kelly Bushing		DMF

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

**Job Data**

Date as Month-Day-Year	30-Oct-2005		DATE
Run Number	1		RUN
Total Depth - Driller	2565.0 (m)		TDD
Total Depth - Logger	2370.0 (m)		TDL
Bottom Log Interval	2370.0 (m)		BLI
Top Log Interval	2321.0 (m)		TLI
Current Casing Size	9.63 (in)		CSIZ
Casing Depth From	14.2 (m)		CDF
Casing Depth To	1768.5 (m)		CADT
Casing Grade	K-55		CASG
Casing Weight	40.0 (lbm/ft)		CWEI
Bit Size	0.0 (in)		BS
Date Logger At Bottom	30-Oct-2005	Time Logger At Bottom 15:00	DLAB, TLAB
Logging Unit Number	1	Logging Unit Location VEA	LUN, LUL
Engineer's Name	Paul Tarrant		ENGI
Witness's Name	Barry White		WITN
Service Order Number	46000447		SON

Absent Valued Parameters: BSDF, BSDT

**Mud Data**

Drilling Fluid Type	Production Fluids		DFT
Date Logger At Bottom	30-Oct-2005	Time Logger At Bottom 15:00	DLAB, TLAB

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

**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 Solar log dated 23 APR 2003, provided by the client.	R1
Objective:	R3
To perforate the well at 2351m to 2353m MDKB using 2 1/8" Enerjet gun loaded with PowerSpiral charges.	R4
After perforating, flowed well for 15 min to obtain FBHP, FBHT and clean up.	R5
Specialist: Paul Tarrant	R6
Operators: Andy Hall, Eddy Mez	R7
	R15
	R16

**Other Services**

MPBT	OS1
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**Origin: 71**

<u>Index Type</u>	<u>Start</u>	<u>Stop</u>	<u>Spacing</u>	<u>Channels</u>	<u>Index Channel</u>	<u>Frame Name</u>
TIME	3746.98	5978.98 s	2000.0 (0.5 ms)	5	TIME;2	2000T
TIME	3746.98	5978.98 s	1000.0 (0.5 ms)	14	TIME;3	1000T
TIME	3746.98	5979.23 s	500.0 (0.5 ms)	4	TIME;4	500T

**File Header** File: PERFO\_034PUP Sequence: 6

**Defining Origin: 42**

File ID: PERFO\_034PUP File Type: PLAYBACK

Producer Name: Schlumberger Product/Version: OP 13C0-300 File Set: 41 File Number: 33 31-OCT-2005 16:03:41

Company Name: ExxonMobil  
 Well Name: TNA A-12  
 Field Name: Tuna  
 Tool String: SHM\_GUN, CCL-L  
 Computations: WELLCAD

**Error Summary** File: PERFO\_034PUP Sequence: 6

No errors detected in file.

**Well Site Data** File: PERFO\_034PUP Sequence: 6

**Origin: 42**

**Well Data**

Company Name	ExxonMobil		CN
Well Name	TNA A-12		WN
Field Name	Tuna		FN
Rig:	Prod 4		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland Basin		FL
	Bass Strait		FL1
Service Order Number	46000447		SON
Longitude	148 25' 5.588" S		LONG
Latitude	38 10' 16.235" E		LATI
Maximum Hole Deviation	41.0 (deg)		MHD
Elevation of Kelly Bushing	32.9 (m)		EKB
Elevation of Ground Level	-59.0 (m)		EGL
Elevation of Derrick Floor	31.4 (m)		EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum 32.9 (m)	PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum -32.9 (m)	LMF, APD
Drilling Measured From	Kelly Bushing		DMF

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

**Job Data**

Date as Month-Day-Year	30-Oct-2005		DATE
Run Number	1, 2 & 3		RUN
Total Depth - Driller	2565.0 (m)		TDD
Total Depth - Logger	2369.5 (m)		TDL
Bottom Log Interval	2369.5 (m)		BLI
Top Log Interval	2321.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	1661.9 (m)		CDF
Casing Depth To	2515.9 (m)		CADT
Casing Grade	K-55		CASG
Casing Weight	23.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	1661.9 (m)		BSDF
Bit Size Depth To	2565.0 (m)		BSDT
Date Logger At Bottom	30-Oct-2005	Time Logger At Bottom 15:00	DI AB, TI AB

Date Logger At Bottom	30-Oct-2005	Time Logger At Bottom	15:00	DEAD, PER
Logging Unit Number	1	Logging Unit Location	VEA	LUN, LUL
Engineer's Name	Paul Tarrant			ENGI
Witness's Name	Barry White			WITN
Service Order Number	46000447			SON

### Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	101.7 (degC)		MRT
	101.7 (degC)		MRT1
Date Logger At Bottom	30-Oct-2005	Time Logger At Bottom	15:00
			DLAB, TLAB

Absent Valued Parameters: DFD, DFV, DFL, DFP, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS

### 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 Solar log dated 23 APR 2003, provided by the client.	R1
Objective:	R3
To perforate the well at 2351m to 2353m MDKB using 2 1/8" Enerjet gun loaded with PowerSpiral charges.	R4
After perforating, flowed well for 15 min to obtain FBHP, FBHT and clean up.	R5
Set 7" MPBT Plug at 2372m MDKB with 1 run of water and 1 run of cement, giving approximately 1.1m of cement on top of plug.	R6
API Data:	R7
EJ Power Spiral, HMX charges	R8
Entrance Hole - 0.25"	R9
Penetration - 27.3"	R10
Specialist: Paul Tarrant	R11
Operators: Andy Hall, Eddy Mez	R12
Performed by Schlumberger	R13
	R15
	R16
	R17

### Other Services

None	OS1
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## Frame Summary File: PERFO\_034PUP Sequence: 6

### Origin: 42

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2359.76	2308.86 m	-60.0 (0.1 in) up	7	TDEP	60B
	7742.00	7575.00 ft				
BOREHOLE-DEPTH	2359.76	2308.89 m	-10.0 (0.1 in) up	6	TDEP;1	10B
	7742.00	7575.08 ft				

## File Header File: PERFO\_037PUP Sequence: 7

### Defining Origin: 42

File ID: PERFO\_037PUP File Type: PLAYBACK  
 Producer Name: Schlumberger Product/Version: OP 13C0-300 File Set: 41 File Number: 36 31-OCT-2005 16:38:53

Company Name: ExxonMobil  
 Well Name: TNA A-12  
 Field Name: Tuna  
 Tool String: SHM\_GUN, CCL-L  
 Computations: WELLCAD

## Error Summary File: PERFO\_037PUP Sequence: 7

No errors detected in file.

## Well Site Data File: PERFO\_037PUP Sequence: 7

### Origin: 42

#### Well Data

Company Name	ExxonMobil		CN
Well Name	TNA A-12		WN

Field Name	Tuna		FN
Rig:	Prod 4		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland Basin		FL
	Bass Strait		FL1
Service Order Number	46000447		SON
Longitude	148 25' 5.588" S		LONG
Latitude	38 10' 16.235" E		LATI
Maximum Hole Deviation	41.0 (deg)		MHD
Elevation of Kelly Bushing	32.9 (m)		EKB
Elevation of Ground Level	-59.0 (m)		EGL
Elevation of Derrick Floor	31.4 (m)		EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum 32.9 (m)	PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum -32.9 (m)	LMF, APD
Drilling Measured From	Kelly Bushing		DMF

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

### Job Data

Date as Month-Day-Year	30-Oct-2005		DATE
Run Number	1, 2 & 3		RUN
Total Depth - Driller	2565.0 (m)		TDD
Total Depth - Logger	2369.5 (m)		TDL
Bottom Log Interval	2369.5 (m)		BLI
Top Log Interval	2321.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	1661.9 (m)		CDF
Casing Depth To	2515.9 (m)		CADT
Casing Grade	K-55		CASG
Casing Weight	23.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	1661.9 (m)		BPDF
Bit Size Depth To	2565.0 (m)		BSDT
Date Logger At Bottom	30-Oct-2005	Time Logger At Bottom 15:00	DLAB, TLAB
Logging Unit Number	1	Logging Unit Location VEA	LUN, LUL
Engineer's Name	Paul Tarrant		ENGI
Witness's Name	Barry White		WITN
Service Order Number	46000447		SON

### Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	101.7 (degC)		MRT
	101.7 (degC)		MRT1
Date Logger At Bottom	30-Oct-2005	Time Logger At Bottom 15:00	DLAB, TLAB

Absent Valued Parameters: DFD, DFV, DFL, DFP, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS

### 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 Solar log dated 23 APR 2003, provided by the client.	R1
Objective:	R3
To perforate the well at 2351m to 2353m MDKB using 2 1/8" Enerjet gun loaded with PowerSpiral charges.	R4
	R5
After perforating, flowed well for 15 min to obtain FBHP, FBHT and clean up.	R6
	R7
Set 7" MPBT Plug at 2372m MDKB with 1 run of water and 1 run of cement, giving approximately 1.1m of cement on top of plug.	R8
	R9
API Data:	R10
EJ Power Spiral, HMX charges	R11
Entrance Hole - 0.25"	R12
Penetration - 27.3"	R13
Specialist: Paul Tarrant	R15
Operators: Andy Hall, Eddy Mez	R16
Performed by Schlumberger	R17

### Other Services

None	OS1
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<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	2361.29	2318.77 m	-60.0 (0.1 in) up	7	TDEP	60B
	7747.00	7607.50 ft				
BOREHOLE-DEPTH	2361.29	2318.79 m	-10.0 (0.1 in) up	6	TDEP;1	10B
	7747.00	7607.58 ft				



## Verification Listing

Listing Completed: 31-OCT-2005 19:43:57