

Input Source: D:\OP_Folder\Clients\Essco_2009\TNA_A22\MPEXCA\COMP_MWPT_COMP_137.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **MPBT_111LUP** Sequence: **1**

Defining Origin: 101

File ID: MPBT_111LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 17C0-154 File Set: 41 File Number: 110 3-JAN-2010 11:27:26
Company Name: Esso
Well Name: TUNA A22
Tool String: MPEX-BA, MPSU-BA, CCL-
Computations: WELLCAD

Error Summary File: **MPBT_111LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **MPBT_111LUP** Sequence: **1**

Origin: 101

Well Data

Company Name	Esso	CN
Well Name	TUNA A22	WN
Permanent Datum	GROUND LEVEL	PDAT

Absent Valued Parameters: CN1, FN, COUN, STAT, NATI, CONT, FL, FL1, FL2, SECT, TOWN, RANG, APIN, SON, LONG, LATI, MHD, EKB, EGL, EDF, EPD, LMF, APD, DMF

Job Data

Run Number	1	RUN
Current Casing Size	0.0 (in)	CSIZ
Casing Weight	0.0 (lbm/ft)	CWEI
Bit Size	8.00 (in)	BS

Absent Valued Parameters: DATE, TDD, TDL, BLI, TLI, CDF, CADT, CASG, BSDF, BSDT, DLAB, TLAB, LUN, LUL, ENGI, WITN, SON

Mud Data

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

Frame Summary File: **MPBT_111LUP** Sequence: **1**

Origin: 101

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	12192.00	11486.24 m	-60.0 (0.1 in) up	7	TDEP	60B
	40000.00	37684.50 ft				
BOREHOLE-DEPTH	12192.00	11486.26 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	40000.00	37684.58 ft				

File Header File: **MPBT_131PUP** Sequence: **2**

Defining Origin: 41

File ID: MPBT_131PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 17C0-154 File Set: 41 File Number: 128 3-JAN-2010 19:32:48
Company Name: Esso
Well Name: TUNA A22
Tool String: MPEX-BA, MPSU-BA, CCL-
Computations: WELLCAD

Error Summary File: MPBT_131PUP Sequence: 2

No errors detected in file.

Well Site Data File: MPBT_131PUP Sequence: 2

Origin: 41

Well Data

Company Name	Esso	CN
Well Name	TUNA A22	WN
Permanent Datum	GROUND LEVEL	PDAT

Absent Valued Parameters: CN1, FN, COUN, STAT, NATI, CONT, FL, FL1, FL2, SECT, TOWN, RANG, APIN, SON, LONG, LATI, MHD, EKB, EGL, EDF, EPD, LMF, APD, DMF

Job Data

Run Number	1	RUN
Current Casing Size	0.0 (in)	CSIZ
Casing Weight	0.0 (lbm/ft)	CWEI
Bit Size	8.00 (in)	BS

Absent Valued Parameters: DATE, TDD, TDL, BLI, TLI, CDF, CADT, CASG, BSDF, BSDT, DLAB, TLAB, LUN, LUL, ENGI, WITN, SON

Mud Data

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

Frame Summary File: MPBT_131PUP Sequence: 2

Origin: 41

<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	2070.96	1970.07 m	-60.0 (0.1 in) up	7	TDEP	60B
	6794.50	6463.50 ft				
BOREHOLE-DEPTH	2070.96	1970.10 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	6794.50	6463.58 ft				

File Header File: PERFO_064LUP Sequence: 3

Defining Origin: 56

File ID: PERFO_064LUP	File Type: DEPTH LOG				
Producer Name: Schlumberger	Product/Version: OP 17C0-154	File Set: 41	File Number: 63	1-JAN-2010 16:14:46	
Company Name:	Esso				
Well Name:	TUNA A22				
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA				
Computations:	WELLCAD, BORDYN				

Error Summary	File: PERFO_064LUP	Sequence: 3
No errors detected in file.		

Well Site Data	File: PERFO_064LUP	Sequence: 3
Origin: 56		
Well Data		
Company Name	Esso	CN
Well Name	TUNA A22	WN
Maximum Hole Deviation	27.3 (deg)	MHD
Elevation of Kelly Bushing	38.9 (m)	EKB
Elevation of Ground Level	−59.0 (m)	EGL
Elevation of Derrick Floor	38.9 (m)	EDF
Permanent Datum	GROUND LEVEL	PDAT, EPD
Above Permanent Datum	0.0 (m)	APD
Absent Valued Parameters: CN1, FN, COUN, STAT, NATI, CONT, FL, FL1, FL2, SECT, TOWN, RANG, APIN, SON, LONG, LATI, LMF, DMF		
Job Data		
Run Number	1	RUN
Total Depth – Driller	2162.0 (m)	TDD
Total Depth – Logger	2094.0 (m)	TDL
Bottom Log Interval	2073.0 (m)	BLI
Top Log Interval	2065.5 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	21.0 (m)	CDF
Casing Depth To	2156.1 (m)	CADT
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.88 (in)	BS
Bit Size Depth From	675.0 (m)	BSDF
Bit Size Depth To	2162.0 (m)	BSDT
Logging Unit Number	889	LUN
Absent Valued Parameters: DATE, CASG, DLAB, TLAB, LUL, ENGI, WITN, SON		
Mud Data		
Maximum Recorded Temperature	211.0 (degF)	MRT
	211.0 (degF)	MRT1
Absent Valued Parameters: DFT, DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS, DLAB, 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		

Frame Summary						
File: PERFO_064LUP		Sequence: 3				
Origin: 56						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2080.41	2014.88 m	-60.0 (0.1 in) up	22	TDEP	60B
	6825.50	6610.50 ft				
BOREHOLE-DEPTH	2080.41	2014.91 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	6825.50	6610.58 ft				

File Header	File: PERFO_065LUP	Sequence: 4			
Defining Origin: 56					
File ID: PERFO_065LUP File Type: DEPTH LOG					
Producer Name: Schlumberger		Product/Version: OP 17C0-154	File Set: 41	File Number: 64	1-JAN-2010 16:26:31
Company Name: Esso					
Well Name: TUNA A22					
Tool String: MWP_GUN, MWPT-CA, MWGT-AA					
Computations: WELLCAD, BORDYN					

Error Summary	File: PERFO_065LUP	Sequence: 4
No errors detected in file.		

Well Site Data	File: PERFO_065LUP	Sequence: 4
Origin: 56		
Well Data		
Company Name	Esso	CN
Well Name	TUNA A22	WN
Maximum Hole Deviation	27.3 (deg)	MHD
Elevation of Kelly Bushing	38.9 (m)	EKB
Elevation of Ground Level	−59.0 (m)	EGL
Elevation of Derrick Floor	38.9 (m)	EDF
Permanent Datum	GROUND LEVEL	PDAT, EPD
Above Permanent Datum	0.0 (m)	APD
Absent Valued Parameters: CN1, FN, COUN, STAT, NATI, CONT, FL, FL1, FL2, SECT, TOWN, RANG, APIN, SON, LONG, LATI, LMF, DMF		
Job Data		
Run Number	1	RUN
Total Depth – Driller	2162.0 (m)	TDD
Total Depth – Logger	2094.0 (m)	TDL
Bottom Log Interval	2073.0 (m)	BLI
Top Log Interval	2065.5 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	21.0 (m)	CDF
Casing Depth To	2156.1 (m)	CADT
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.88 (in)	BS
Bit Size Depth From	675.0 (m)	BSDF
Bit Size Depth To	2162.0 (m)	BSDT
Logging Unit Number	889	LUN
Absent Valued Parameters: DATE, CASG, DLAB, TLAB, LUL, ENGI, WITN, SON		
Mud Data		
Maximum Recorded Temperature	211.0 (degF)	MRT
	211.0 (degF)	MRT1
Absent Valued Parameters: DFT, DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS, DLAB, 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		

Frame Summary						
File: PERFO_065LUP Sequence: 4						
Origin: 56						
<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	2075.08	2063.65 m	-60.0 (0.1 in) up	22	TDEP	60B
	6808.00	6770.50 ft				
BOREHOLE-DEPTH	2075.08	2063.67 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	6808.00	6770.58 ft				

File Header	File: PERFO_073PTP	Sequence: 5
Defining Origin: 116		
File ID: PERFO_073PTP File Type: PLAYBACK		
Producer Name: Schlumberger		Product/Version: OP 17C0–154
		File Set: 41
		File Number: 72
		1–JAN–2010 17:16:47
Company Name:	Esso	
Well Name:	TUNA A22	
Tool String:	MWP_GUN, MWPT–CA, MWGT–AA	
Computations:	WELLCAD, BORDYN	

Error Summary	File: PERFO_073PTP	Sequence: 5
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No errors detected in file.

File: **PERFO 073PTP** Sequence: **5**

Company Name	Esso	CN
Well Name	TUNA A22	WN
Maximum Hole Deviation	27.3 (deg)	MHD
Elevation of Kelly Bushing	38.9 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	38.9 (m)	EDF
Permanent Datum	GROUND LEVEL	PDAT, EPD
Above Permanent Datum	0.0 (m)	APD
Elevation of Permanent Datum	38.9 (m)	

Absent Valued Parameters: CN1, FN, COUN, STAT, NATI, CONT, FL, FL1, FL2, SECT, TOWN, RANG, APIN, SON, LONG, LATI, LMF, DMF

Run Number	1	RUN
Total Depth – Driller	2162.0 (m)	TDD
Total Depth – Logger	2094.0 (m)	TDL
Bottom Log Interval	2073.0 (m)	BLI
Top Log Interval	2065.5 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	21.0 (m)	CDF
Casing Depth To	2156.1 (m)	CADT
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.88 (in)	BS
Bit Size Depth From	675.0 (m)	BSDF
Bit Size Depth To	2162.0 (m)	BSDT
Logging Unit Number	889	LUN

Absent Valued Parameters: DATE, CASG, DLAB, TLAB, LUL, ENGI, WITN, SON

Maximum Recorded Temperature	211.0 (degF)	MRT
	211.0 (degF)	MRT1

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

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

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

File: **PERFO_073PTP** Sequence: **5**

<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	0.00	884.00 s	2000.0 (0.5 ms)	7	TIME;2	2000T
TIME	0.00	883.50 s	1000.0 (0.5 ms)	14	TIME;4	1000T
TIME	0.00	883.75 s	500.0 (0.5 ms)	4	TIME;5	500T

File: **PERFO_118PUP** Sequence: **6**

File ID: PERFO_118PUP File Type: PLAYBACK
 Producer Name: Schlumberger Product/Version: OP 17C0-154 File Set: 41 File Number: 117 3-JAN-2010 14:59:11
 Company Name: Esso
 Well Name: TUNA A22
 Tool String: SHM_GUN, CCL-L
 Computations: WELLCAD

File: **PERFO 118PUP** Sequence: **6**

No errors detected in file.

Well Site Data		File: PERFO_118PUP	Sequence: 6
Origin: 110			
Well Data			
Company Name	Esso		CN
Well Name	TUNA A22		WN
Permanent Datum	GROUND LEVEL		PDAT
Absent Valued Parameters: CN1, FN, COUN, STAT, NATI, CONT, FL, FL1, FL2, SECT, TOWN, RANG, APIN, SON, LONG, LATI, MHD, EKB, EGL, EDF, EPD, LMF, APD, DMF			
Job Data			
Run Number	1		RUN
Current Casing Size	0.0 (in)		CSIZ
Casing Weight	0.0 (lbm/ft)		CWEI
Bit Size	8.00 (in)		BS
Absent Valued Parameters: DATE, TDD, TDL, BLI, TLI, CDF, CADT, CASG, BSDF, BSDT, DLAB, TLAB, LUN, LUL, ENGI, WITN, SON			
Mud Data			
Absent Valued Parameters: DFT, DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, MRT2, MRT3, DCS, TCS, DLAB, 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			

Frame Summary				File: PERFO_118PUP	Sequence: 6
Origin: 110					
<u>Index Type</u>	<u>Start</u>	<u>Stop</u>	<u>Spacing</u>	<u>Channels</u>	<u>Index Channel</u>
BOREHOLE-DEPTH	2068.37	1974.34 m	-60.0 (0.1 in) up	7	TDEP
	6786.00	6477.50 ft			
BOREHOLE-DEPTH	2068.37	1974.37 m	-10.0 (0.1 in) up	7	TDEP;1
	6786.00	6477.58 ft			
					10B

File Header		File: PERFO_123PUP	Sequence: 7
Defining Origin: 110			
File ID: PERFO_123PUP File Type: PLAYBACK			
Producer Name: Schlumberger		Product/Version: OP 17C0-154	File Set: 41
		File Number: 122	3-JAN-2010 16:34:39
Company Name:	Esso		
Well Name:	TUNA A22		
Tool String:	SHM_GUN, CCL-L		
Computations:	WELLCAD		

Error Summary				File: PERFO_123PUP	Sequence: 7
No errors detected in file.					

Well Site Data				File: PERFO_123PUP	Sequence: 7
Origin: 110					
Well Data					
Company Name		Esso			CN
Well Name		TUNA A22			WN

Well Name	TUNA A22	WN
Permanent Datum	GROUND LEVEL	PDAT
Absent Valued Parameters: CN1, FN, COUN, STAT, NATI, CONT, FL, FL1, FL2, SECT, TOWN, RANG, APIN, SON, LONG, LATI, MHD, EKB, EGL, EDF, EPD, LMF, APD, DMF		
Job Data		
Run Number	1	RUN
Current Casing Size	0.0 (in)	CSIZ
Casing Weight	0.0 (lbm/ft)	CWEI
Bit Size	8.00 (in)	BS
Absent Valued Parameters: DATE, TDD, TDL, BLI, TLI, CDF, CADT, CASG, BSDF, BSDT, DLAB, TLAB, LUN, LUL, ENGI, WITN, SON		
Mud Data		
Absent Valued Parameters: DFT, DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, MRT2, MRT3, DCS, TCS, DLAB, 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		

Frame Summary	File: PERFO_123PUP	Sequence: 7
Origin: 110		
<u>Index Type</u>	<u>Start</u>	<u>Stop</u>
BOREHOLE-DEPTH	2068.37	1972.67 m
	6786.00	6472.00 ft
<u>Spacing</u>		
	-60.0 (0.1 in) up	<u>Channels</u>
		7
<u>Index Channel</u>		<u>Frame Name</u>
TDEP		60B
BOREHOLE-DEPTH	2068.37	1972.69 m
	6786.00	6472.08 ft
<u>Spacing</u>		
	-10.0 (0.1 in) up	<u>Channels</u>
		7
<u>Index Channel</u>		<u>Frame Name</u>
TDEP;1		10B

File Header	File: PSP_086PUP	Sequence: 8
Defining Origin: 107		
File ID: PSP_086PUP	File Type: PLAYBACK	
Producer Name: Schlumberger	Product/Version: OP 17C0-154	File Set: 41
		File Number: 85
		2-JAN-2010 8:45:07
Company Name:	Esso	
Well Name:	TUNA A22	
Tool String:	PSPT-A/B	
Computations:	WELLCAD, BORDYN	

Error Summary	File: PSP_086PUP	Sequence: 8
No errors detected in file.		

Well Site Data	File: PSP_086PUP	Sequence: 8
Origin: 107		
Well Data		
Company Name	Esso	CN
Well Name	TUNA A22	WN
Maximum Hole Deviation	27.3 (deg)	MHD
Elevation of Kelly Bushing	38.9 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	38.9 (m)	EDF
Permanent Datum	GROUND LEVEL	PDAT, EPD
Above Permanent Datum	0.0 (m)	APD
Elevation of Permanent Datum 38.9 (m)		
Absent Valued Parameters: CN1, FN, COUN, STAT, NATI, CONT, FL, FL1, FL2, SECT, TOWN, RANG, APIN, SON, LONG, LATI, LMF, DMF		
Job Data		
Run Number	1	RUN
Total Depth - Driller	2162.0 (m)	TDD
Total Depth - Logger	2094.0 (m)	TDL
Bottom Log Interval	2073.0 (m)	BLI
Top Log Interval	2065.5 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	21.0 (m)	CDF
Casing Depth To	2156.1 (m)	CADT
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.88 (in)	BS
Bit Size Depth From	675.0 (m)	BSDF

Bit Size Depth To	2162.0 (m)	BSDT
Logging Unit Number	889	LUN
Absent Valued Parameters: DATE, CASG, DLAB, TLAB, LUL, ENGI, WITN, SON		
Mud Data		
Maximum Recorded Temperature	211.0 (degF)	MRT
	211.0 (degF)	MRT1
Absent Valued Parameters: DFT, DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS, DLAB, 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		

Frame Summary		File: PSP_086PUP	Sequence: 8
Origin: 107			
<u>Index Type</u>	<u>Start</u>	<u>Stop</u>	<u>Spacing</u>
BOREHOLE-DEPTH	2091.23	1899.21 m	-60.0 (0.1 in) up
	6861.00	6231.00 ft	
			<u>Channels</u>
			28
			<u>Index Channel</u>
			TDEP
			<u>Frame Name</u>
			60B
BOREHOLE-DEPTH	2091.23	1899.39 m	-10.0 (0.1 in) up
	6861.00	6231.58 ft	
			<u>Channels</u>
			7
			<u>Index Channel</u>
			TDEP;1
			<u>Frame Name</u>
			10B

File Header		File: PSP_128PUP	Sequence: 9
Defining Origin: 87			
File ID: PSP_128PUP		File Type: PLAYBACK	
Producer Name: Schlumberger		Product/Version: OP 17C0-154	
		File Set: 41	File Number: 126
			3-JAN-2010 19:18:09
Company Name: Esso			
Well Name: TUNA A22			
Tool String: PSPT-A/B			
Computations: WELLCAD, BORDYN			

Error Summary		File: PSP_128PUP	Sequence: 9
No errors detected in file.			

Well Site Data		File: PSP_128PUP	Sequence: 9
Origin: 87			
Well Data			
Company Name	Esso		CN
Well Name	TUNA A22		WN
Maximum Hole Deviation	27.3 (deg)		MHD
Elevation of Kelly Bushing	38.9 (m)		EKB
Elevation of Ground Level	-59.0 (m)		EGL
Elevation of Derrick Floor	38.9 (m)		EDF
Permanent Datum	GROUND LEVEL	Elevation of Permanent Datum	38.9 (m)
Above Permanent Datum	0.0 (m)		PDAT, EPD
			APD
Absent Valued Parameters: CN1, FN, COUN, STAT, NATI, CONT, FL, FL1, FL2, SECT, TOWN, RANG, APIN, SON, LONG, LATI, LMF, DMF			
Job Data			
Run Number	1		RUN
Total Depth - Driller	2162.0 (m)		TDD
Total Depth - Logger	2091.0 (m)		TDL

Total Depth - Logger	2094.0 (m)	TDL
Bottom Log Interval	2073.0 (m)	BLI
Top Log Interval	2065.5 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	21.0 (m)	CDF
Casing Depth To	2156.1 (m)	CADT
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.88 (in)	BS
Bit Size Depth From	675.0 (m)	BSDF
Bit Size Depth To	2162.0 (m)	BSDT
Logging Unit Number	889	LUN

Absent Valued Parameters: DATE, CASG, DLAB, TLAB, LUL, ENGI, WITN, SON

Mud Data

Maximum Recorded Temperature	211.0 (degF)	MRT
	211.0 (degF)	MRT1

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

Frame Summary File: PSP_128PUP Sequence: 9

Origin: 87

<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	2084.83 6840.00	1924.51 m 6314.00 ft	-60.0 (0.1 in) up	28	TDEP	60B
BOREHOLE-DEPTH	2084.83 6840.00	1924.53 m 6314.08 ft	-10.0 (0.1 in) up	4	TDEP;1	10B



Verification Listing

Listing Completed: 4-JAN-2010 15:21:41