



TRACE ENERGY
SERVICES

GSLM PETROLEUM

2001 NORTHERN MIDLANDS

Party No. # 401

Date Recorded: 14th to 22nd March

Observer: W.Arnold

TB01-PB

Instrumentation

Recording System: I/O System Two
Plotter: DFM - 480

Shooting System: Pelton Advance II Model 5
Geophone Model: SM-4LD & SM-24

Recording Parameters

Record Length:	6.0 Secs	Sample Rate:	2 ms.	Preamp Gain:	48 dB
Noise Edit Type:	None	Tape Format:	I-EEE Seg-D	Tape Density:	37,871 bpi
Low Cut Filter:	5.5HZ	Anti-alias Filter:	3/4 Nyquist Min.	HPE Filter:	Out
Aux. Chan. #1:		Aux. Chan. #2:		Aux. Chan. #3:	
CSM Process:	Correlate Before Stack	Stations in Gap:	0	No. of Chan.:	360

Receiver Parameters

Geophone Array:	12 over 25m	Geophone Frequency:	10 Hz
Geophone Wiring:	6 Phones Series/ Parallel	Geophone Base:	3" Spikes
Geophone Spacing:	2.27m	Geophone Damping:	0.70%
Receiver Station Intervals:	25m	No. of Receiver Lines:	N/A
Receiver Station Centre:	Between flags	First Receiver On Line:	100
Direction of Recording:	South to North	Last Receiver On Line:	3816

Source Parameters

Source Type:	Vibroseis Litton LRS-15	Source Array Length:	37.5m
Vibe Spacing:	12.5m	Vibe Move ups:	N/A
Source Point Intervals:	25m	Number of Composites:	2
Sweep Length:	8 Sec	Sweep Taper:	0.2 Mil
Source Centre:	On Flag	Sweep Type:	Linear
Sweep # 1:	6-80Hz	Num Vibes On Line:	4
Sweep # 2:	6-80Hz	First Source Point:	100
		Last Source Point:	3816

Tape Summary

Reel Number:	Stn To Stn:	File To File	1 To
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	
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Reel Number:	Stn To Stn:	File To File	

Comments:

TRACE ENERGY
SERVICES**GSLM PETROLEUM**

2001 NORTHERN MIDLANDS

Date Recorded: 22nd to 25th March

Observer: W.Arnold

TB01-TB**Instrumentation**Recording System: I/O System Two
Plotter: DFM - 480Shooting System: Pelton Advance II Model 5
Geophone Model: SM-4LD & SM-24**Recording Parameters**

Record Length:	6.0 Secs	Sample Rate:	2 ms.	Preamp Gain:	48 dB
Noise Edit Type:	None	Tape Format:	I-EEE Seg-D	Tape Density:	37,871 bpi
Low Cut Filter:	5.5HZ	Anti-alias Filter:	3/4 Nyquist Min.	HPE Filter:	Out
Aux. Chan. #1:		Aux. Chan. #2:		Aux. Chan. #3:	
CSM Process:	Correlate Before Stack	Stations in Gap:	0	No. of Chan.:	360

Receiver Parameters

Geophone Array:	12 over 25m	Geophone Frequency:	10 Hz
Geophone Wiring:	6 Phones Series/ Parallel	Geophone Base:	3" Spikes
Geophone Spacing:	2.27m	Geophone Damping:	0.70%
Receiver Station Intervals:	25m	No. of Receiver Lines:	N/A
Receiver Station Centre:	Between flags	First Receiver On Line:	2425
Direction of Recording:	East to West	Last Receiver On Line:	648

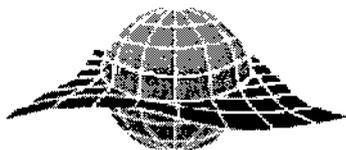
Source Parameters

Source Type:	Vibroseis Litton LRS-15	Source Array Length:	37.5m
Vibe Spacing:	12.5m	Vibe Move ups:	N/A
Source Point Intervals:	25m	Number of Composites:	2
Sweep Length:	8 Sec	Sweep Taper:	0.2 Mil
Source Centre:	On Flag	Sweep Type:	Linear
Sweep # 1:	6-80Hz	Num Vibes On Line:	4
Sweep # 2:	6-80Hz	First Source Point:	2425
		Last Source Point:	648

Tape Summary

Reel Number:	Stn To Stn:	File To File	1 To
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	
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Reel Number:	Stn To Stn:	File To File	

Comments:



TRACE ENERGY
SERVICES

GSLM PETROLEUM

2001 NORTHERN MIDLANDS

Party No. # 401

Date Recorded: 26th to 30th March

Observer: W.Arnold

TB01-ST

Instrumentation

Recording System: I/O System Two
Plotter: DFM - 480

Shooting System: Pelton Advance II Model 5
Geophone Model: SM-4LD & SM-24

Recording Parameters

Record Length:	6.0 Secs	Sample Rate:	2 ms.	Preamp Gain:	48 dB
Noise Edit Type:	None	Tape Format:	I-EEE Seg-D	Tape Density:	37,871 bpi
Low Cut Filter:	5.5HZ	Anti-alias Filter:	3/4 Nyquist Min.	HPE Filter:	Out
Aux. Chan. #1:		Aux. Chan. #2:		Aux. Chan. #3:	
CSM Process:	Correlate Before Stack	Stations in Gap:	0	No. of Chan.:	360

Receiver Parameters

Geophone Array:	12 over 25m	Geophone Frequency:	10 Hz
Geophone Wiring:	6 Phones Series/ Parallel	Geophone Base:	3" Spikes
Geophone Spacing:	2.27m	Geophone Damping:	0.70%
Receiver Station Intervals:	25m	No. of Receiver Lines:	N/A
Receiver Station Centre:	Between flags	First Receiver On Line:	2500
Direction of Recording:	East to West	Last Receiver On Line:	100

Source Parameters

Source Type:	Vibroseis Litton LRS-15	Source Array Length:	37.5m
Vibe Spacing:	12.5m	Vibe Move ups:	N/A
Source Point Intervals:	25m	Number of Composites:	2
Sweep Length:	8 Sec	Sweep Taper:	0.2 Mil
Source Centre:	On Flag	Sweep Type:	Linear
Sweep # 1:	6-80Hz	Num Vibes On Line:	4
Sweep # 2:	6-80Hz	First Source Point:	2499
		Last Source Point:	100

Tape Summary

Reel Number:	Stn To Stn:	File To File	1 To
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	

Comments: Changed to diversity stack at station 1937

TRACE ENERGY
SERVICES**GSLM PETROLEUM**

2001 NORTHERN MIDLANDS

Date Recorded: 31st March

Observer: W.Arnold

TB01-PA**Instrumentation**Recording System: I/O System Two
Plotter: DFM - 480Shooting System: Pelton Advance II Model 5
Geophone Model: SM-4LD & SM-24**Recording Parameters**

Record Length:	6.0 Secs	Sample Rate:	2 ms.	Preamp Gain:	48 dB
Noise Edit Type:	None	Tape Format:	I-EEE Seg-D	Tape Density:	37,871 bpi
Low Cut Filter:	5.5HZ	Anti-alias Filter:	3/4 Nyquist Min.	HPE Filter:	Out
Aux. Chan. #1:		Aux. Chan. #2:		Aux. Chan. #3:	
CSM Process:	Correlate Before Stack	Stations in Gap:	0	No. of Chan.:	240

Receiver Parameters

Geophone Array:	12 over 25m	Geophone Frequency:	10 Hz
Geophone Wiring:	6 Phones Series/ Parallel	Geophone Base:	3" Spikes
Geophone Spacing:	2.27m	Geophone Damping:	0.70%
Receiver Station Intervals:	25m	No. of Receiver Lines:	N/A
Receiver Station Centre:	Between flags	First Receiver On Line:	348
Direction of Recording:	East to West	Last Receiver On Line:	106

Source Parameters

Source Type:	Vibroseis Litton LRS-15	Source Array Length:	37.5m
Vibe Spacing:	12.5m	Vibe Move ups:	N/A
Source Point Intervals:	25m	Number of Composites:	2
Sweep Length:	8 Sec	Sweep Taper:	0.2 Mil
Source Centre:	On Flag	Sweep Type:	Linear
Sweep # 1:	6-80Hz	Num Vibes On Line:	4
Sweep # 2:	6-80Hz	First Source Point:	344
		Last Source Point:	106

Tape Summary

Reel Number:	224	Stn To Stn:	344 to 264	File To File	1 to 90
Reel Number:	225	Stn To Stn:	263 to 200	File To File	91 to 152
Reel Number:	226 EOL	Stn To Stn:	199 to 106	File To File	153 to 221
Reel Number:		Stn To Stn:		File To File	
Reel Number:		Stn To Stn:		File To File	
Reel Number:		Stn To Stn:		File To File	
Reel Number:		Stn To Stn:		File To File	
Reel Number:		Stn To Stn:		File To File	
Reel Number:		Stn To Stn:		File To File	
Reel Number:		Stn To Stn:		File To File	

Comments:

TRACE ENERGY
SERVICES**GSLM PETROLEUM**

2001 NORTHERN MIDLANDS

Date Recorded: 31st Mar. to 1st Apr

Observer: W.Arnold

TB01-PD

InstrumentationRecording System: I/O System Two
Plotter: DFM - 480Shooting System: Pelton Advance II Model 5
Geophone Model: SM-4LD & SM-24**Recording Parameters**

Record Length:	6.0 Secs	Sample Rate:	2 ms.	Preamp Gain:	48 dB
Noise Edit Type:	None	Tape Format:	I-EEE Seg-D	Tape Density:	37,871 bpi
Low Cut Filter:	5.5HZ	Anti-alias Filter:	3/4 Nyquist Min.	HPE Filter:	Out
Aux. Chan. #1:		Aux. Chan. #2:		Aux. Chan. #3:	
CSM Process:	Correlate After Stack	Stations in Gap:	0	No. of Chan.:	240

Receiver Parameters

Geophone Array:	12 over 25m	Geophone Frequency:	10 Hz
Geophone Wiring:	6 Phones Series/ Parallel	Geophone Base:	3" Spikes
Geophone Spacing:	2.27m	Geophone Damping:	0.70%
Receiver Station Intervals:	25m	No. of Receiver Lines:	N/A
Receiver Station Centre:	Between flags	First Receiver On Line:	620
Direction of Recording:	North East to South West	Last Receiver On Line:	142

Source Parameters

Source Type:	Vibroseis Litton LRS-15	Source Array Length:	37.5m
Vibe Spacing:	12.5m	Vibe Move ups:	N/A
Source Point Intervals:	25m	Number of Composites:	2
Sweep Length:	8 Sec	Sweep Taper:	0.2 Mil
Source Centre:	On Flag	Sweep Type:	Linear
Sweep # 1:	6-80Hz	Num Vibes On Line:	4
Sweep # 2:	6-80Hz	First Source Point:	620
		Last Source Point:	142

Tape Summary

Reel Number:	227	Stn To Stn:	620 to 537	File To File	1 to 84
Reel Number:	228	Stn To Stn:	536 to 475	File To File	85 to 144
Reel Number:	229	Stn To Stn:	474 to 384	File To File	145 to 159
Reel Number:	230	Stn To Stn:	383 to 316	File To File	160 to 216
Reel Number:	231	Stn To Stn:	315 to 225	File To File	217 to 275
Reel Number:	232 EOL	Stn To Stn:	224 to 142	File To File	276 to 338
Reel Number:		Stn To Stn:		File To File	
Reel Number:		Stn To Stn:		File To File	
Reel Number:		Stn To Stn:		File To File	
Reel Number:		Stn To Stn:		File To File	

Comments:

TRACE ENERGY
SERVICES**GSLM PETROLEUM**

2001 NORTHERN MIDLANDS

Date Recorded: 1st to 2nd April

Observer: W.Arnold

TB01-TA

InstrumentationRecording System: I/O System Two
Plotter: DFM - 480Shooting System: Pelton Advance II Model 5
Geophone Model: SM-4LD & SM-24**Recording Parameters**

Record Length:	6.0 Secs	Sample Rate:	2 ms.	Preamp Gain:	48 dB
Noise Edit Type:	None	Tape Format:	I-EEE Seg-D	Tape Density:	37,871 bpi
Low Cut Filter:	5.5HZ	Anti-alias Filter:	3/4 Nyquist Min.	HPE Filter:	Out
Aux. Chan. #1:		Aux. Chan. #2:		Aux. Chan. #3:	
CSM Process:	Correlate Before Stack	Stations in Gap:	0	No. of Chan.:	240

Receiver Parameters

Geophone Array:	12 over 25m	Geophone Frequency:	10 Hz
Geophone Wiring:	6 Phones Series/ Parallel	Geophone Base:	3" Spikes
Geophone Spacing:	2.27m	Geophone Damping:	0.70%
Receiver Station Intervals:	25m	No. of Receiver Lines:	N/A
Receiver Station Centre:	Between flags	First Receiver On Line:	100
Direction of Recording:	West to East	Last Receiver On Line:	570

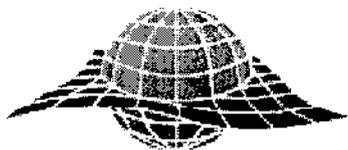
Source Parameters

Source Type:	Vibroseis Litton LRS-15	Source Array Length:	37.5m
Vibe Spacing:	12.5m	Vibe Move ups:	N/A
Source Point Intervals:	25m	Number of Composites:	2
Sweep Length:	8 Sec	Sweep Taper:	0.2 Mil
Source Centre:	On Flag	Sweep Type:	Linear
Sweep # 1:	6-80Hz	Num Vibes On Line:	4
Sweep # 2:	6-80Hz	First Source Point:	101
		Last Source Point:	570

Tape Summary

Reel Number:	233	Stn To Stn:	101 to 206	File To File	1 to 81
Reel Number:	234	Stn To Stn:	207 to 280	File To File	82 to 139
Reel Number:	235	Stn To Stn:	281 to 310	File To File	140 to 169
Reel Number:	236	Stn To Stn:	311 to 367	File To File	170 to 226
Reel Number:	237	Stn To Stn:	368 to 435	File To File	227 to 281
Reel Number:	238 EOL	Stn To Stn:	516 to 570	File To File	282 to 333
Reel Number:		Stn To Stn:		File To File	
Reel Number:		Stn To Stn:		File To File	
Reel Number:		Stn To Stn:		File To File	
Reel Number:		Stn To Stn:		File To File	

Comments:

TRACE ENERGY
SERVICES**GSLM PETROLEUM**

2001 NORTHERN MIDLANDS

Date Recorded: 2nd to 4th April

Observer: W.Arnold

TB01-TC

InstrumentationRecording System: I/O System Two
Plotter: DFM - 480Shooting System: Pelton Advance II Model 5
Geophone Model: SM-4LD & SM-24**Recording Parameters**

Record Length:	6.0 Secs	Sample Rate:	2 ms.	Preamp Gain:	48 dB
Noise Edit Type:	None	Tape Format:	I-EEE Seg-D	Tape Density:	37,871 bpi
Low Cut Filter:	5.5HZ	Anti-alias Filter:	3/4 Nyquist Min.	HPE Filter:	Out
Aux. Chan. #1:		Aux. Chan. #2:		Aux. Chan. #3:	
CSM Process:	Stack Before Correlate	Stations in Gap:	0	No. of Chan.:	360

Receiver Parameters

Geophone Array:	12 over 25m	Geophone Frequency:	10 Hz
Geophone Wiring:	6 Phones Series/ Parallel	Geophone Base:	3" Spikes
Geophone Spacing:	2.27m	Geophone Damping:	0.70%
Receiver Station Intervals:	25m	No. of Receiver Lines:	N/A
Receiver Station Centre:	Between flags	First Receiver On Line:	100
Direction of Recording:	North to South	Last Receiver On Line:	1484

Source Parameters

Source Type:	Vibroseis Litton LRS-15	Source Array Length:	37.5m
Vibe Spacing:	12.5m	Vibe Move ups:	N/A
Source Point Intervals:	25m	Number of Sweeps:	2
Sweep Length:	8 Sec	Sweep Taper:	0.2 Mil
Source Centre:	On Flag	Sweep Type:	Linear
Sweep # 1:	6-80Hz	Num Vibes On Line:	4
Sweep # 2:	6-80Hz	First Source Point:	100
		Last Source Point:	1484

Tape Summary

Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File
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Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File

Comments: Diversity Stack Used



TRACE ENERGY
SERVICES

GSLM PETROLEUM

2001 NORTHERN MIDLANDS

TB01-PF

Party No. # 401

Date Recorded: 5 To 8 April 2001

Observer: W.Arnold

Instrumentation

Recording System: I/O System Two
Plotter: DFM - 480

Shooting System: Pelton Advance II Model 5
Geophone Model: SM-4LD & SM-24

Recording Parameters

Record Length:	6.0 Secs	Sample Rate:	2 ms.	Preamp Gain:	48 dB
Noise Edit Type:	None	Tape Format:	I-EEE Seg-D	Tape Density:	37,871 bpi
Low Cut Filter:	5.5HZ	Anti-alias Filter:	3/4Nyquist Lin	HPE Filter:	Out
Aux. Chan. #1:		Aux. Chan. #2:		Aux. Chan. #3:	
CSM Process:	Stack Before Correlate	Stations in Gap:	0	No. of Chan.:	240

Receiver Parameters

Geophone Array:	12 over 25m	Geophone Frequency:	10 Hz
Geophone Wiring:	6 Phones Series/ Parallel	Geophone Base:	3" Spikes
Geophone Spacing:	2.27m	Geophone Damping:	0.70%
Receiver Station Intervals:	25m	No. of Receiver Lines:	N/A
Receiver Station Centre:	Between flags	First Receiver On Line:	1526
Direction of Recording:	South East to North West	Last Receiver On Line:	155

Source Parameters

Source Type:	Vibroseis Litton LRS-15	Source Array Length:	37.5m
Vibe Spacing:	12.5m	Vibe Move ups:	N/A
Source Point Intervals:	25m	Number of Composites:	2
Sweep Length:	8 Sec	Sweep Taper:	0.2 Mil
Source Centre:	On Flag	Sweep Type:	Linear
Sweep # 1:	6-80Hz	Num Vibes On Line:	4
Sweep # 2:	6-80Hz	First Source Point:	1527
		Last Source Point:	155

Tape Summary

Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File
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Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File

Comments: Diversity Stack Used

TRACE ENERGY
SERVICES**GSLM PETROLEUM**

2001 NORTHERN MIDLANDS

Date Recorded: 8 To 9 April 2001

Observer: W.Arnold

TB01-PC

InstrumentationRecording System: I/O System Two
Plotter: DFM - 480Shooting System: Pelton Advance II Model 5
Geophone Model: SM-4LD & SM-24**Recording Parameters**

Record Length:	6.0 Secs	Sample Rate:	2 ms.	Preamp Gain:	48 dB
Noise Edit Type:	None	Tape Format:	I-EEE Seg-D	Tape Density:	37,871 bpi
Low Cut Filter:	5.5HZ	Anti-alias Filter:	3/4Nyquist Lin	HPE Filter:	Out
Aux. Chan. #1:		Aux. Chan. #2:		Aux. Chan. #3:	
CSM Process:	Stack Before Correlate	Stations in Gap:	0	No. of Chan.:	240

Receiver Parameters

Geophone Array:	12 over 25m	Geophone Frequency:	10 Hz
Geophone Wiring:	6 Phones Series/ Parallel	Geophone Base:	3" Spikes
Geophone Spacing:	2.27m	Geophone Damping:	0.70%
Receiver Station Intervals:	25m	No. of Receiver Lines:	N/A
Receiver Station Centre:	Between flags	First Receiver On Line:	100
Direction of Recording:	South to North	Last Receiver On Line:	562

Source Parameters

Source Type:	Vibroseis Litton LRS-15	Source Array Length:	37.5m
Vibe Spacing:	12.5m	Vibe Move ups:	N/A
Source Point Intervals:	25m	Number of Composites:	2
Sweep Length:	8 Sec	Sweep Taper:	0.2 Mil
Source Centre:	On Flag	Sweep Type:	Linear
Sweep # 1:	6-80Hz	Num Vibes On Line:	4
Sweep # 2:	6-80Hz	First Source Point:	101
		Last Source Point:	562

Tape Summary

Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File
Reel Number:	Stn To Stn:	File To File

Comments: Diversity Stack Used

TRACE ENERGY
SERVICES**GSLM PETROLEUM**

2001 NORTHERN MIDLANDS

Date Recorded: 9 To 11 April 2001

Observer: W.Arnold

TB01-PM**Instrumentation**Recording System: I/O System Two
Plotter: DFM - 480Shooting System: Pelton Advance II Model 5
Geophone Model: SM-4LD & SM-24**Recording Parameters**

Record Length:	6.0 Secs	Sample Rate:	2 ms.	Preamp Gain:	48 dB
Noise Edit Type:	None	Tape Format:	I-EEE Seg-D	Tape Density:	37,871 bpi
Low Cut Filter:	5.5HZ	Anti-alias Filter:	3/4Nyquist Lin	HPE Filter:	Out
Aux. Chan. #1:		Aux. Chan. #2:		Aux. Chan. #3:	
CSM Process:	Stack Before Correlate	Stations in Gap:	0	No. of Chan.:	240

Receiver Parameters

Geophone Array:	6 over 25m	Geophone Frequency:	10 Hz
Geophone Wiring:	6 Phones Series/ Parallel	Geophone Base:	3" Spikes
Geophone Spacing:	5 m	Geophone Damping:	0.70%
Receiver Station Intervals:	25m	No. of Receiver Lines:	N/A
Receiver Station Centre:	Between flags	First Receiver On Line:	100
Direction of Recording:	South West To North East	Last Receiver On Line:	1155

Source Parameters

Source Type:	Vibroseis Litton LRS-15	Source Array Length:	37.5m
Vibe Spacing:	12.5m	Vibe Move ups:	N/A
Source Point Intervals:	50m	Number of Composites:	2
Sweep Length:	8 Sec	Sweep Taper:	0.2 Mil
Source Centre:	On Flag	Sweep Type:	Linear
Sweep # 1:	6-80Hz	Num Vibes On Line:	4
Sweep # 2:	6-80Hz	First Source Point:	100
		Last Source Point:	1036

Tape Summary

Reel Number:	Stn To Stn:	File To File	1 To
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	
Reel Number:	Stn To Stn:	File To File	

Comments: Diversity Stack Used
Line not completed
SP Interval changed to 50 M
6 Geophones per station

TRACE ENERGY
SERVICES**GSLM PETROLEUM**

2001 NORTHERN MIDLANDS

Date Recorded: 26 To 27 May 2001

Observer: W.Arnold

TB01-TD**Instrumentation**Recording System: I/O System Two
Plotter: DFM - 480Shooting System: Pelton Advance II Model 5
Geophone Model: SM-4LD & SM-24**Recording Parameters**

Record Length:	6.0 Secs	Sample Rate:	2 ms.	Preamp Gain:	48 dB
Noise Edit Type:	Burst+Diversity Stack	Tape Format:	I-EEE Seg-D	Tape Density:	37,871 bpi
Low Cut Filter:	5.5HZ	Anti-alias Filter:	3/4 Nyquist Lin	HPE Filter:	Out
Aux. Chan. #1:	True Ref	Aux. Chan. #2:	Wireline Ref	Aux. Chan. #3:	Clock TB
CSM Process:	Correlate After Stack	Stations in Gap:	0	No. of Chan.:	360

Receiver Parameters

Geophone Array:	12 over 25m	Geophone Frequency:	10 Hz
Geophone Wiring:	6 Phones Series/ Parallel	Geophone Base:	3" Spikes
Geophone Spacing:	2.27m	Geophone Damping:	0.70%
Receiver Station Intervals:	25m	No. of Receiver Lines:	N/A
Receiver Station Centre:	Between flags	First Receiver On Line:	100
Direction of Recording:	South West To North East	Last Receiver On Line:	712

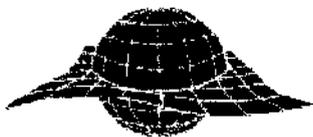
Source Parameters

Source Type:	Vibroseis Litton LRS-15	Source Array Length:	37.5m
Vibe Spacing:	12.5m	Vibe Move ups:	N/A
Source Point Intervals:	25m	Number of Composites:	2
Sweep Length:	8 Sec	Sweep Taper:	0.2 Mil
Source Centre:	On Flag	Sweep Type:	Linear
Sweep # 1:	6-80Hz	Num Vibes On Line:	4
Sweep # 2:	6-80Hz	First Source Point:	107
		Last Source Point:	712

Tape Summary

Reel Number:	307A	Stn To Stn:	107 - 170	File To File	01 - 64
Reel Number:	308A	Stn To Stn:	171 - 222	File To File	65 - 116
Reel Number:	309A	Stn To Stn:	223 - 267	File To File	117 - 161
Reel Number:	310A	Stn To Stn:	268 - 284	File To File	162 - 178
Reel Number:	311A	Stn To Stn:	285 - 325	File To File	179 - 219
Reel Number:	312A	Stn To Stn:	326 - 367	File To File	220 - 259
Reel Number:	313A	Stn To Stn:	368 - 407	File To File	260 - 300
Reel Number:	314A	Stn To Stn:	419 - 449	File To File	301 - 331
Reel Number:	315A	Stn To Stn:	523 - 562	File To File	332 - 371
Reel Number:	316A	Stn To Stn:	563 - 602	File To File	372 - 411
Reel Number:	317A	Stn To Stn:	603 - 644	File To File	412 - 453
Reel Number:	318A	Stn To Stn:	645 - 712	File To File	454 - 521

Comments:



TRACE ENERGY
SERVICES

GSLM PETROLEUM

2001 NORTHERN MIDLANDS

Party No. # 401

Date Recorded: 30 To 31 May 2001

Observer: W.Arnold

TB01-PG

Instrumentation

Recording System: I/O System Two
Plotter: DFM - 480

Shooting System: Pelton Advance II Model 5
Geophone Model: SM-4LD & SM-24

Recording Parameters

Record Length:	6.0 Secs	Sample Rate:	2 ms.	Preamp Gain:	48 dB
Noise Edit Type:	Burst+Diversity Stack	Tape Format:	I-EEE Seg-D	Tape Density:	37,871 bpi
Low Cut Filter:	5.5HZ	Anti-alias Filter:	3/4Nyquist Lin	HPE Filter:	Out
Aux. Chan. #1:	True Ref	Aux. Chan. #2:	Wireline Ref	Aux. Chan. #3:	Clock TB
CSM Process:	Correlate After Stack	Stations in Gap:	0	No. of Chan.:	240

Receiver Parameters

Geophone Array:	12 over 25m	Geophone Frequency:	10 Hz
Geophone Wiring:	6 Phones Series/ Parallel	Geophone Base:	3" Spikes
Geophone Spacing:	2.27m	Geophone Damping:	0.70%
Receiver Station Intervals:	25m	No. of Receiver Lines:	N/A
Receiver Station Centre:	Between flags	First Receiver On Line:	1728
Direction of Recording:	South West To North East	Last Receiver On Line:	2382

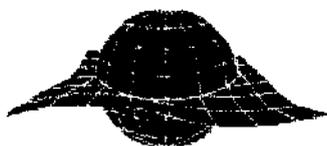
Source Parameters

Source Type:	Vibroseis Litton LRS-15	Source Array Length:	37.5m
Vibe Spacing:	12.5m	Vibe Move ups:	N/A
Source Point Intervals:	25m	Number of Composites:	2
Sweep Length:	8 Sec	Sweep Taper:	0.2 Mil
Source Centre:	On Flag	Sweep Type:	Linear
Sweep # 1:	6-80Hz	Num Vibes On Line:	4
Sweep # 2:	6-80Hz	First Source Point:	1746
		Last Source Point:	2382

Tape Summary

Reel Number:	320A	Stn To Stn:	1746 - 1811	File To File	0 - 66
Reel Number:	321A	Stn To Stn:	1812 - 1864	File To File	67 - 119
Reel Number:	322A	Stn To Stn:	1865 - 1906	File To File	120 - 161
Reel Number:	323A	Stn To Stn:	1907 - 1947	File To File	162 - 202
Reel Number:	324A	Stn To Stn:	1948 - 1988	File To File	203 - 243
Reel Number:	325A	Stn To Stn:	1989 - 2033	File To File	244 - 284
Reel Number:	326A	Stn To Stn:	2034 - 2074	File To File	285 - 325
Reel Number:	327A	Stn To Stn:	2075 - 2113	File To File	326 - 364
Reel Number:	328A	Stn To Stn:	2114 - 2154	File To File	365 - 405
Reel Number:	329A	Stn To Stn:	2155 - 2196	File To File	406 - 447
Reel Number:	330A	Stn To Stn:	2197 - 2240	File To File	448 - 491
Reel Number:	331A	Stn To Stn:	2244 - 2291	File To File	493 - 540
Reel Number:	332A	Stn To Stn:	2292 - 2348	File To File	541 - 597
Reel Number:	333A	Stn To Stn:	2349 - 2382	File To File	598 - 631

Comments:



TRACE ENERGY
SERVICES

GSLM PETROLEUM

2001 NORTHERN MIDLANDS

Party No. # 401

Date Recorded: 31 May To 3 June 01

Observer: W.Arnold

TB01-PT

Instrumentation

Recording System: I/O System Two
Plotter: DFM - 480

Shooting System: Pelton Advance II Model 5
Geophone Model: SM-4LD & SM-24

Recording Parameters

Record Length:	6.0 Secs	Sample Rate:	2 ms.	Preamp Gain:	48 dB
Noise Edit Type:	Burst+Diversity Stack	Tape Format:	I-EEE Seg-D	Tape Density:	37,871 bpi
Low Cut Filter:	5.5HZ	Anti-alias Filter:	3/4Nyquist Lin	HPE Filter:	Out
Aux. Chan. #1:	True Ref	Aux. Chan. #2:	Wireline Ref	Aux. Chan. #3:	Clock TB
CSM Process:	Correlate After Stack	Stations in Gap:	0	No. of Chan.:	240

Receiver Parameters

Geophone Array:	12 over 25m	Geophone Frequency:	10 Hz
Geophone Wiring:	6 Phones Series/ Parallel	Geophone Base:	3" Spikes
Geophone Spacing:	2.27m	Geophone Damping:	0.70%
Receiver Station Intervals:	25m	No. of Receiver Lines:	N/A
Receiver Station Centre:	Between flags	First Receiver On Line:	1054
Direction of Recording:	North East To South West	Last Receiver On Line:	100

Source Parameters

Source Type:	Vibroseis Litton LRS-15	Source Array Length:	37.5m
Vibe Spacing:	12.5m	Vibe Move ups:	N/A
Source Point Intervals:	25m	Number of Composites:	2
Sweep Length:	8 Sec	Sweep Taper:	0.2 Mil
Source Centre:	On Flag	Sweep Type:	Linear
Sweep # 1:	6-80Hz	Num Vibes On Line:	4
Sweep # 2:	6-80Hz	First Source Point:	1030
		Last Source Point:	101

Tape Summary

Reel Number	334A	Stn To Stn:	1030 - 982	File To File	01 - 45
Reel Number	335A	Stn To Stn:	980 - 928	File To File	46 - 86
Reel Number	336A	Stn To Stn:	865 - 804	File To File	87 - 142
Reel Number	337A	Stn To Stn:	803 - 715	File To File	143 - 200
Reel Number	338A	Stn To Stn:	714 - 667	File To File	201 - 244
Reel Number	339A	Stn To Stn:	666 - 600	File To File	245 - 304
Reel Number	340A	Stn To Stn:	599 - 568	File To File	305 - 335
Reel Number	341A	Stn To Stn:	565 - 509	File To File	336 - 391
Reel Number	342A	Stn To Stn:	508 - 458	File To File	392 - 436
Reel Number	343A	Stn To Stn:	440 - 381	File To File	437 - 492
Reel Number	344A	Stn To Stn:	380 - 321	File To File	493 - 548
Reel Number	345A	Stn To Stn:	320 - 260	File To File	549 - 604
Reel Number	346A	Stn To Stn:	259 - 187	File To File	605 - 659
Reel Number	347A	Stn To Stn:	186 - 101	File To File	660 - 718

Comments:



TRACE ENERGY
SERVICES

GSLM PETROLEUM

2001 NORTHERN MIDLANDS

TB01-SC

Party No. # 401

Date Recorded: 9 To 10 June 2001

Observer: W Arnold

Instrumentation

Recording System: I/O System Two
Plotter: DFM - 480

Shooting System: Pelton Advance II Model 5
Geophone Model: SM-4LD & SM-24

Recording Parameters

Record Length:	6.0 Secs	Sample Rate:	2 ms.	Preamp Gain:	48 dB
Noise Edit Type:	Burst+Diversity Stack	Tape Format:	I-EEE Seg-D	Tape Density:	37,871 bpi
Low Cut Filter:	5.5HZ	Anti-alias Filter:	3/4Nyquist Lin.	HPE Filter:	Out
Aux. Chan. #1:	True Ref	Aux. Chan. #2:	Wireline Ref	Aux. Chan. #3:	Clock TB
CSM Process:	Correlate After Stack	Stations in Gap:	0	No. of Chan.:	240

Receiver Parameters

Geophone Array:	12 over 25m	Geophone Frequency:	10 Hz
Geophone Wiring:	6 Phones Series/ Parallel	Geophone Base:	3" Spikes
Geophone Spacing:	2.27m	Geophone Damping:	0.70%
Receiver Station Intervals:	25m	No. of Receiver Lines:	N/A
Receiver Station Centre:	Between flags	First Receiver On Line:	420
Direction of Recording:	East To West	Last Receiver On Line:	128

Source Parameters

Source Type:	Vibroseis Litton LRS-15	Source Array Length:	37.5m
Vibe Spacing:	12.5m	Vibe Move ups:	N/A
Source Point Intervals:	25m	Number of Composites:	2
Sweep Length:	8 Sec	Sweep Taper:	0.2 Mil
Source Centre:	On Flag	Sweep Type:	Linear
Sweep # 1:	6-80Hz	Num Vibes On Line:	4
Sweep # 2:	6-80Hz	First Source Point:	396
		Last Source Point:	140

Tape Summary

Reel Number 386A	Stn To Stn: 396 - 330	File To File 01 - 67
Reel Number 387A	Stn To Stn: 329 - 269	File To File 68 - 126
Reel Number 388A	Stn To Stn: 268 - 209	File To File 127 - 186
Reel Number 389A	Stn To Stn: 208 - 140	File To File 187 - 255

Comments:



TRACE ENERGY
SERVICES

GSLM PETROLEUM

2001 NORTHERN MIDLANDS

TB01-SD

Party No. # 401

Date Recorded: 10-Jun-01

Observer: W Arnold

Instrumentation

Recording System: I/O System Two
Plotter: DFM - 480

Shooting System: Pelton Advance II Model 5
Geophone Model: SM-4LD & SM-24

Recording Parameters

Record Length:	6.0 Secs	Sample Rate:	2 ms.	Preamp Gain:	48 dB
Noise Edit Type:	Burst+Diversity Stack	Tape Format:	I-EEE Seg-D	Tape Density:	37,871 bpi
Low Cut Filter:	5.5HZ	Anti-alias Filter:	3/4Nyquist Lin	HPE Filter:	Out
Aux. Chan. #1:	True Ref	Aux. Chan. #2:	Wireline Ref	Aux. Chan. #3:	Clock TB
CSM Process:	Correlate After Stack	Stations in Gap:	0	No. of Chan.:	240

Receiver Parameters

Geophone Array:	12 over 25m	Geophone Frequency:	10 Hz
Geophone Wiring:	6 Phones Series/ Parallel	Geophone Base:	3" Spikes
Geophone Spacing:	2.27m	Geophone Damping:	0.70%
Receiver Station Intervals:	25m	No. of Receiver Lines:	N/A
Receiver Station Centre:	Between flags	First Receiver On Line:	420
Direction of Recording:	East To West	Last Receiver On Line:	110

Source Parameters

Source Type:	Vibroseis Litton LRS-15	Source Array Length:	37.5m
Vibe Spacing:	12.5m	Vibe Move ups:	N/A
Source Point Intervals:	25m	Number of Composites:	2
Sweep Length:	8 Sec	Sweep Taper:	0.2 Mil
Source Centre:	On Flag	Sweep Type:	Linear
Sweep # 1:	6-80Hz	Num Vibes On Line:	4
Sweep # 2:	6-80Hz	First Source Point:	420
		Last Source Point:	110

Tape Summary

Reel Number:	390A	Stn To Stn:	420 - 336	File To File:	01 - 85
Reel Number:	391A	Stn To Stn:	335 - 277	File To File:	86 - 144
Reel Number:	392A	Stn To Stn:	276 - 110	File To File:	145 - 214

Comments: