



ORIGINAL NAME

LINE –7053BBR01T165

AREA: Barreirinhas

CLIENT: Exploration Services/TGS Nopec

NEW NAME

**LINE: 0258-5053**

**AREA: 0258-2D\_SPEC\_BM\_BAR**

**CLIENT: TGS-Nopec.**

# ACQUISITION REPORT Sequence-0165

**Survey:**

Client Exploration Services  
 Area Para-Maranhao  
 Vessel GECO\_TAU  
 JobNumber 7443B  
 Survey Type 2D

**Sequence:**

Linename 7053BBR1T165  
 Preplot 7053BBR  
 Direction 6.0°  
 SOL Date 05:02:13utc 26-Mar-2001  
 EOL Date 12:52:08utc 26-Mar-2001

**Attributes:**

Wind Force 4.0 [knots] Dir NE  
 Swell Height 1.5 [meters] Dir NE  
 Propellor rpm [avg]  
 Propellor pitch 56 [avg]

	SOL	EOL	
Waterdepth	23.0	3620.0	[meters]
Bottomspeed	5.2	5.4	[knots]
Featherangle	sb +4.2	port -16.4	[deg]
Cable noise	6.9	7.3	[µBar rms]
Lowcut filter	3	3	[hz]
Filter slope	18	18	[dB]
Streamer	7.0	7.0	
Depth			

**Production**

	Shotpoint	File	Time [utc]
SOL Noise Record(s)		2800 - 2801	
SOL Dummy Record(s)	2802 - 2811	2802 - 2811	04:59:54 - 05:02:00
FSP Start of Line	2812	2812	05:02:13
MSP			
LSP End of Line	4880	4880	12:52:08
EOL Dummy Record(s)	4881 - 4890	4881 - 4890	12:52:22 - 12:54:31
EOL Noise Record(s)		4891 - 4892	

**Line-segments:**

SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
2812 - 4880	2812 - 4880	05:02:13-12:52:08	Prime	1	Valid	

**Remarks:**

Navigation  
 Recording QC Some strong current noise during line. 2 streamer depth changes

**Tape-list**

Shot(s)	Files	Stream 2 DeckReel	Remark
2800 - 4451	2800 - 4451	1 297	
4452 - 4892	4452 - 4892	2 298	
Shot(s)	Files	Stream 4 DeckReel	Remark
2800 - 4674	2800 - 4674	3 1301	
4675 - 4892	4675 - 4892	4 1302	
Shot(s)	Files	Stream 1001 DeckReel	Remark
1 - 4892	1 - 4892	1001 0	

**Seismic Data Annotations****NTBP**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
2819	2819	ALL	Gun timing error	Gun 2-1 error (ms) : -2.20
2839	2839	ALL	Gun timing error	Gun 4-1 error (ms) : 2.10
2918	2918	ALL	Gun timing error	Gun 4-1 error (ms) : 2.20
2952	2952	ALL	Gun timing error	Gun 4-1 error (ms) : 2.50
2966	2966	ALL	Gun timing error	Gun 4-1 error (ms) : 2.80
3511	3511	ALL	Gun timing error	Gun 4-1 error (ms) : 2.30
3654	3654	ALL	Gun timing error	Gun 4-1 error (ms) : 2.20
3718	3718	ALL	Gun timing error	Gun 4-1 error (ms) : 2.20
3733		ALL	Missing File	File not recorded by recording system
3735		ALL	Missing File	File not recorded by recording system
3938	3938	ALL	Manifold pressure low	Subarray 5 below 1800 psi
3939	3939	ALL	Manifold pressure low	Sub-array 5 below 1800psi
3940	3940	ALL	misfire	misfire
3941	3941	ALL	Gun not fired	Gun 6-1. Source volume : 6118 cu.in.
3942	3942	ALL	Gun timing error	Gun 6-1 error (ms) : 2.60
3943	3943	ALL	Gun timing error	Gun 6-2 error (ms) : -2.70
4071	4071	ALL	Gun timing error	Gun 6-2 error (ms) : 2.10
4077	4077	ALL	Gun timing error	Gun 5-4 error (ms) : 2.80
4078	4078	ALL	Gun timing error	Gun 5-4 error (ms) : 2.30
4080	4080	ALL	Gun timing error	Gun 5-4 error (ms) : 2.70
4081	4081	ALL	Gun timing error	Gun 5-4 error (ms) : 3.70
4082	4082	ALL	Gun timing error	Gun 5-4 error (ms) : 5.80
4083	4083	ALL	Gun timing error	Gun 5-4 error (ms) : 5.70
4085	4085	ALL	Gun timing error	Gun 5-4 error (ms) : -2.60

**Warning**

<b>Shot(s)</b>	<b>File(s)</b>	<b>Trace(s)</b>	<b>Type</b>	<b>Remark</b>
OPEN	OPEN	ALL	Current noise	Now affecting most channels to some extent
2800-4892		73, 118, 193	Weak traces	6.0dB down
2816	2816	ALL	Gun timing error	Gun 4-1 error (ms) : 1.70
2825	2825	ALL	Gun timing error	Gun 2-1 error (ms) : 2.00
2856	2856	ALL	Gun timing error	Gun 2-1 error (ms) : 1.70
2858	2858	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
2925	2925	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
3001	3001	ALL	Gun timing error	Gun 4-1 error (ms) : 1.60
3114	3114	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
3195	3195	ALL	Gun timing error	Gun 3-1 error (ms) : -1.60
3215	3215	ALL	Gun timing error	Gun 2-1 error (ms) : 1.70
3218	3218	ALL	Gun timing error	Gun 3-1 error (ms) : -1.60
3220	3220	ALL	Gun timing error	Gun 2-2 error (ms) : -1.60
3297	3297	ALL	Gun timing error	Gun 4-1 error (ms) : 1.70
3298	3298	ALL	Gun timing error	Gun 4-1 error (ms) : 2.00
3304	3304	ALL	Gun timing error	Gun 2-1 error (ms) : 1.90
3336	3336	ALL	Gun timing error	Gun 4-1 error (ms) : 1.70
3365	3365	ALL	Gun timing error	Gun 4-1 error (ms) : 1.60
3398	3398	ALL	Gun timing error	Gun 2-1 error (ms) : -1.70
3449	3449	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
3518	3518	ALL	Gun timing error	Gun 4-1 error (ms) : 1.60
3523	3523	ALL	Gun timing error	Gun 3-1 error (ms) : 1.70
3555	3555	ALL	Gun timing error	Gun 2-1 error (ms) : 1.80
3563	3563	ALL	Gun timing error	Gun 3-1 error (ms) : -1.60
3582	3582	ALL	Gun timing error	Gun 3-1 error (ms) : 1.60
3593	3593	ALL	Gun timing error	Gun 2-1 error (ms) : 2.00
3605	3605	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
3605	3605	ALL	Gun timing error	Gun 4-1 error (ms) : 1.80

3622	3622	ALL	Gun timing error	Gun 4-1 error (ms) : 2.00
3674	3674	ALL	Gun timing error	Gun 5-1 error (ms) : 1.60
3685	3685	ALL	Gun timing error	Gun 2-2 error (ms) : -1.60
3713	3713	ALL	Gun timing error	Gun 1-2 error (ms) : -1.60
3746	3746	ALL	Gun timing error	Gun 4-1 error (ms) : 1.60
3760-3785	3760-3785	1-100	Current noise	400uB
3780	3780	ALL	Gun timing error	Gun 4-1 error (ms) : 1.90
3786-3799	3786-3799	1-140	Current noise	200uB
3800	3800	ALL	Current noise	Now affecting most channels to some extent
3817-4030	3817-4030	ALL	Current noise	Still affecting whole streamer but 1-140 worst affected
3911	3911	ALL	Gun timing error	Gun 2-1 error (ms) : 1.70
3937	3937	ALL	Streamer depth change	Aiming depth now 9.0m
3939	3939	ALL	Gun timing error	Gun 5-3 error (ms) : 1.80
3942	3942	ALL	Gun timing error	Gun 1-1 error (ms) : 1.70
3944	3944	ALL	Gun timing error	Gun 1-2 error (ms) : -2.00
3945	3945	ALL	Gun timing error	Gun 1-2 error (ms) : -1.80
3962	3962	ALL	Gun timing error	Gun 6-1 error (ms) : 1.60
3986	3986	ALL	Gun timing error	Gun 2-1 error (ms) : 1.90
4030	4030	ALL		Current noise ceased
4061	4061	ALL	Streamer depth change	aiming depth now 10.5m d.t. swell noise
4069	4069	ALL	Gun timing error	Gun 5-5 error (ms) : 1.90
4070	4070	ALL	Gun timing error	Gun 6-2 error (ms) : 1.70
4071	4071	ALL	Gun timing error	Gun 1-2 error (ms) : 1.60
4072	4072	ALL	Gun timing error	Gun 6-2 error (ms) : 1.90
4075	4075	ALL	Gun timing error	Gun 2-2 error (ms) : -1.60
4076	4076	ALL	Gun timing error	Gun 5-4 error (ms) : 1.90
4102	4102	ALL	Gun timing error	Gun 1-2 error (ms) : -1.70
4154	4154	ALL	Gun timing error	Gun 2-1 error (ms) : 1.70
4238	4238	NONE	Bird depth out of spec	Bird C1-7
4296	4296	ALL	Gun timing error	Gun 3-1 error (ms) : 1.60
4299	4299	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
4302	4302	ALL	Gun timing error	Gun 4-1 error (ms) : 1.70
4361	4361	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
4383	4383	ALL	Gun timing error	Gun 2-1 error (ms) : 1.70
4457	4457	ALL	Gun timing error	Gun 2-2 error (ms) : -1.60
4470	4470	ALL	Gun timing error	Gun 4-1 error (ms) : 1.80
4471	4471	ALL	Gun timing error	Gun 4-1 error (ms) : 1.60
4488-4489	4488-4489	NONE	Bird depth out of spec	Bird C1-3
4518	4518	ALL	Gun timing error	Gun 2-2 error (ms) : -1.60
4613	4613	ALL	Gun timing error	Gun 2-2 error (ms) : -1.90
4699	4699	NONE	Bird depth out of spec	Bird C1-3
4772	4772	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60
4791	4791	ALL	Gun timing error	Gun 1-2 error (ms) : -1.60
4807	4807	ALL	Gun timing error	Gun 2-1 error (ms) : 1.60

## Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
2812	2812	ALL	Gun disabled	Gun 1-1. Source volume at shot 2812 : 7918 cu.in.
2812	2812	ALL	Gun disabled	Gun 6-1. Source volume at shot 2812 : 7918 cu.in.
3940	3940	ALL	Gun array disabled	array 5 disabled, spares 1-1 & 6-1 enabled new vol 7118cu in
4069	4069	ALL	Guns enabled/disabled	Array 5 enabled spares disabled new vol 7918 cu.in.
4086-4881	4086-4881	ALL	Gun disabled	Gun 5-4. Source volume at shot 4086 : 7723 cu.in.

**List of used abbreviations:**

SOL/EOL	Start/End of line.
FSP/LSP	First/Last shotpoint of the line.
FCSP/LCSP	First/Last chargeable shotpoint
MSP	Midnight (last) shotpoint of the day
FGSP/LGSP	First/Last Good Shotpoint
FOSP/LOSP	First/Last Overlap Shotpoint
FSP/LSP R/O	First/Last Shotpoint Runout

Deg	Degrees: e[0,360]
rev	Revolutions
utc	Universal Time Coordinated
SPs	Shotpoints
CMPs	Common midpoints
NTBP	Not to be processed
SI	Seismic interference

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