

D29

PCP-FAS-12R029

REF # 104740

OBSERVERS

OBSERVERS LOG

LINE	0012R029
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: R/V Geo Arctic : PanCanadian Petr. Lmt.(PCP) : Block # VIC/P48&VIC/P49 : 34867		: 22:38 00:13 : 1360 1898 : 1360 1898 : 32 32		
: 0012R029 : 29 : 359.7 : 04.01.02				
7				
Gun Pressure at SOL 2027 psi Array Volume SOL 3660 cu in		Pressure EOL 2027 psi Array Vol EOL 3660 cu in		
Offset Shots: Gun 2.2 146 m		Gun 3-6 146 m		
On this line Gun#2.2(250cu in) is renamed as Gun#2.5(100cu in, spare) on the contrary, Gun#2.5 is renamed as Gun#2.2				
Safonov Victor Bekezin Andrey (00:00-12:00)		Shendrik Vladimir Usov Vladimir (12:00-24:00)		
		SOL WIND : 5 m/s WIND DIRECTION : 235 deg SWELL : 1 m SWELL DIRECTION : 260 deg CABLE DEPTH : 8 m AVER.NOISE : 8.9 uB(4Hz) AVER.NOISE : 3.1 uB(8Hz) DEPTH : 2402 m EOL WIND : 6 m/s WIND DIRECTION : 280 deg SWELL : 1 m SWELL DIRECTION : 260 deg AVER.NOISE : 4.0 uB(8Hz) AVER.NOISE : 9.1 uB(4Hz) DEPTH : 2732 m		
		SOURCE DEPTH : 6 m		

mv Geo Arctic

0012R029						
GMT	TAPE	DRIVE	FILE	SHOT	Water depth(m)	F/A (deg)
	32	01	91			WB Gun#2.2
			92			WB Gun#3-6
			93			Noise
			1354	1354		SOL FSP
22:38	32	01	1360	1360	2402	-6.2
22:45			1400	1400	2465	-7.1
22:52			1440	1440	2418	-8.2
22:59			1480	1480	2434	-8.9
23:06			1520	1520	2442	-9.4
23:13			1560	1560	2463	-10.1
23:20			1600	1600	2507	-10.1
23:27			1640	1640	2504	-11.0
23:34			1680	1680	2554	-10.8
23:41			1720	1720	2585	-10.4
23:48			1760	1760	2630	-10.2
23:55			1800	1800	2691	-9.8
			1821	1821		Last SP of day
00:03			1840	1840	2712	-10.6
00:10			1880	1880	2718	-9.9
00:13			1898	1898	2732	-10.0
			1899			noise

05 01 2002 00:25

I/O MSX SYSTEM OBSERVER LOG
Fri Jan 4 18:18:51 2002

LINE INFORMATION

<i>Client</i>	PanCanadian Pet.Lim.
<i>Prospect</i>	2001 MIDAS 2D SURVEY
<i>Line Name</i>	0012R029
<i>Crew/Party</i>	
<i>Operators</i>	AMIGE
<i>Weather</i>	As Obs. Log
<i>Seas</i>	As Obs. Log
<i>Heading</i>	359.7 deg
<i>Vessel</i>	R/V Geo Arctic
<i>Job Name</i>	34867

I/O MSX SYSTEM OBSERVER LOG

CLIENT: PanCanadian Pet.Lim.

PROSPECT: 2001 MIDAS 2D SURVEY

SHOT	FILE	REEL	TU	FSID	DATE & TIME	EXCEPTION	COMMENT
0	91	32	01	0000 00000	Jan 04, 2002 - 22:22:50	UHTO; NF#; DSP; NFSID; BOR;	WB G#2.5
0	92	32	01	0000 00000	Jan 04, 2002 - 22:24:04	UHTO; NF#; DSP; NFSID;	WB G#3.6
0	93	32	01	0000 00000	Jan 04, 2002 - 22:25:14	UHTO; DSP; NFSID; ITB;	noise
1354	1354	32	01	2004 34086	Jan 04, 2002 - 22:37:00	BOL; NF#; NSP; NFSID;	FdSP
1400	1400	32	01	2004 34132	Jan 04, 2002 - 22:45:12		FGSP
1821	1821	32	01	2005 34553	Jan 04, 2002 - 23:59:40	NFSID;	Last SP of day
1898	1898	32	01	2005 34630	Jan 05, 2002 - 00:13:20	EOL;	LGSP
0	1899	32	01	0000 00000	Jan 05, 2002 - 00:14:04	UHTO; NSP; NFSID; ITB;	noise

EXCEPTION ABBREVIATION LIST

MNEMONIC	DESCRIPTION
BOL	Beginning of Line
BOR	Beginning of Reel
BYP	Tape is in Bypass Mode
COR1	Corrected Errors on Primary Tape Unit
COR2	Corrected Errors on Secondary Tape Unit
DF#	Duplicate File Number
DSP	Duplicate Shot Point
ETBK	Early Timebreak
EOL	End of Line
EHTO	Energy Source System header is not received within time limit
FAIL	Recording Failed
GAP1	Gap Errors on Primary Tape Unit
GAP2	Gap Errors on Secondary Tape Unit
GSTO	Gun signature dat is not received within time limit
ITB	Internal Timebreak
MOL	Middle of Line
NHTO	Nav System header is not received within time limit
NFSID	Non-sequential FSID
NSP	Non-sequential Shot Point
NF#	Non-sequential or Skipped File
PBK	Playedback file
RET1	Primary Tape Unit Retries
RET2	Secondary Tape Unit Retries
TE1-16	Telemetry error count
UHTO	Pre-built user header is not received within time limit

I/O MSX SYSTEM REEL LOG

Fri Jan 4 18:18:55 2002

LINE INFORMATION

<i>Client</i>	PanCanadien Pet.Lim.
<i>Prospect</i>	2001 MIDAS 2D SURVEY
<i>Line Name</i>	0012R029
<i>Crew/Party</i>	
<i>Operators</i>	AMIGE
<i>Weather</i>	As Obs. Log
<i>Seas</i>	As Obs. Log
<i>Heading</i>	359.7 deg
<i>Vessel</i>	R/V Geo Arctic
<i>Job Name</i>	34867

CLIENT: PanCanadien Pet.Lim. PROSPECT: 2001 MIDAS 2D SURVEY

I/O MSX SYSTEM REEL LOG

Fri Jan 4 18:18:55 2002

REEL NUMBER	TAPE UNIT	FILE COUNT	FIRST FILE LAST FILE	FIRST SP LAST SP	FIRST FSID LAST FSID	START DATE & TIME END DATE & TIME
32	01	549	91 1899	0 0	0000 00000 0000 00000	Jan 04, 2002 - 22:22:50 Jan 05, 2002 - 00:14:04

PC01-0012r029

Reel # 32

Date 04.01.02

Seq # 29

FSP	1354	LSP	1898	FFFID	1354	LFFID	1898
FGSP	1360	LGSP	1898	FGFFID	1360	LGFFID	1898

Water Break - Channel Set 2

SOL SP: 1360

EOL SP: 1898

Offset: 152 ms

Offset: 152 ms

149 m

149 m

NearPhones - Channel Sets 3-18

Aux Chan Comment

3 Good

4 Good

5 Good

6 Good

7 Good

8 Good

9 Good

10 Good

Aux Chan Comment

11 Good

12 Good

13 Good

14 Good

15 Good

16 Good

17 Good

18 Good

Bad/Noisy channels:

Bad Shots:

Lost Shots:

Environmental Noise

Bird / retriever noise

(Amplitude Plots / NearTrace Plot)

RMS Noise Analysis

Average noise per line

(in RMS time gate)

(Time Gate 2000-2500 ms)

LCF 2 Hz LCF 8 Hz

11.05 4.5

Channel Noise statistics (8 Hz):

	# of Chan.	%	Av.noise
Noise level exc. 35 uB:	0	0	
Noise level exc. 15 uB:	0	0	
Noise level exc. 10 uB:	1	0.4	10.1

Brute Stack:

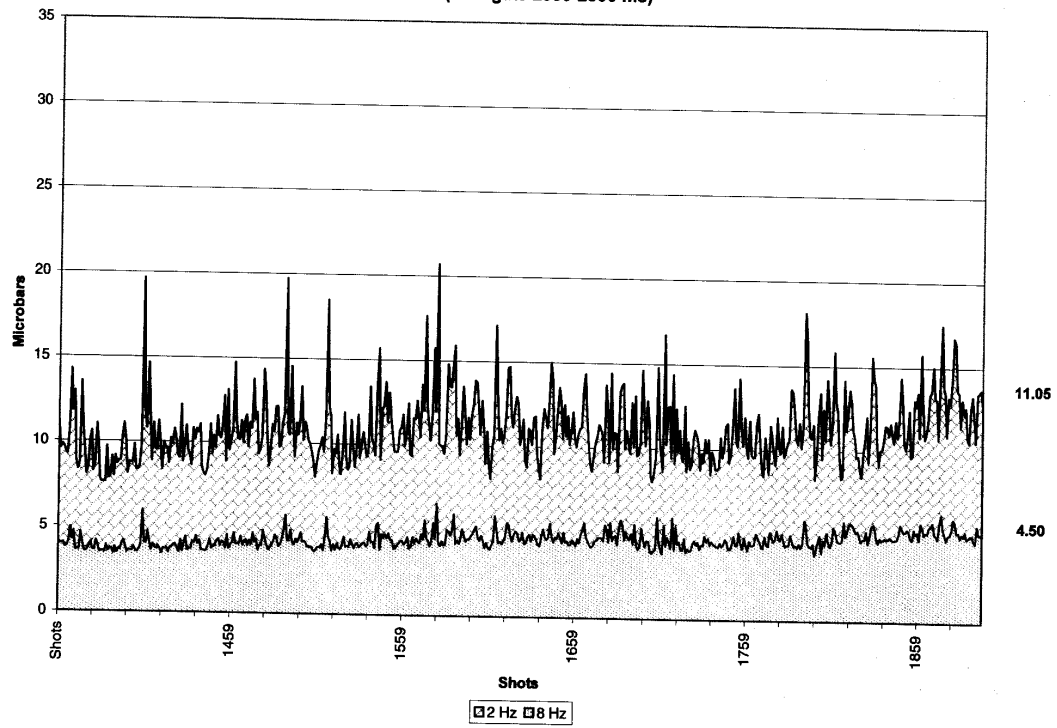
OK

Velocity Comments:

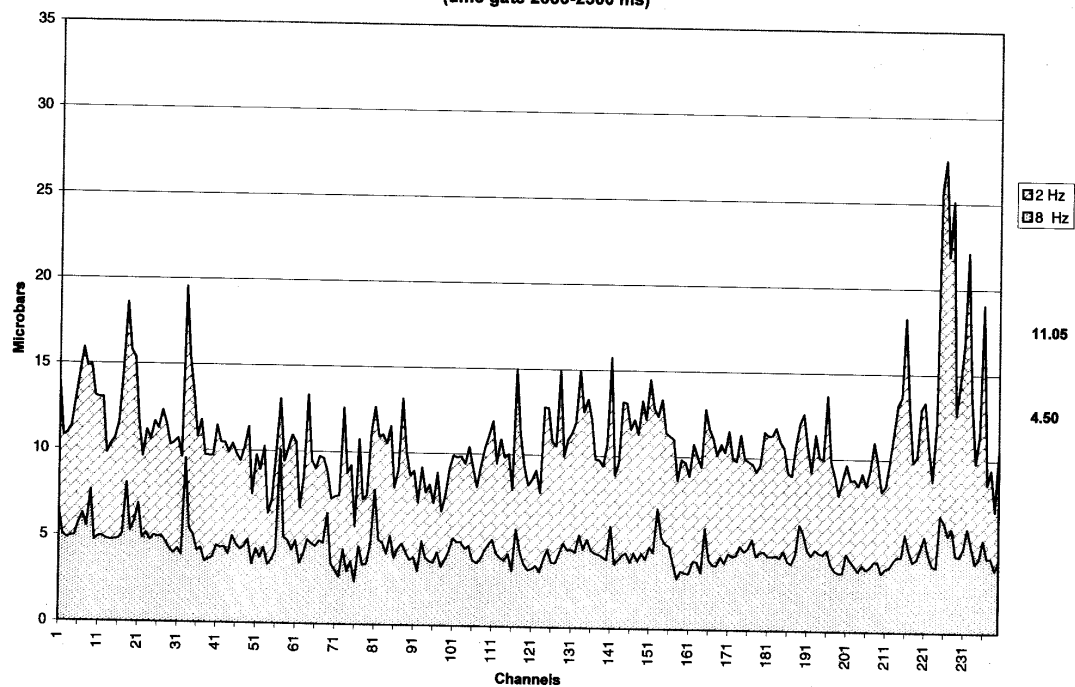
Additional Comments:

Multiples in analysis window increase noise level.

Line PC01-0012r029 Residual Shot Noise
(time gate 2000-2500 ms)



Line PC01-0012r029 Residual Channel Noise
(time gate 2000-2500 ms)



Chan RMS 0.001 0.000

