

LINE NAME:

PCP-FAS-PC01007

REF:

104729

OBSERVERS

OBSERVERS LOG

LINE	0007A018
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: R/V Geo Arctic : PanCanadian Petr. Lmt.(PCP) : Block # VIC/P48&VIC/P49 : 34867		: 06:59 10:08 : 1001 2087 : 1001 2086 : 20 20		Gun#4.2 - 250cu in	
: 0007A018 : 18 : 359.7 : 30.12.01					
Gun Pressure at SOL 1992 psi Array Volume SOL 3660 cu in		Pressure EOL 1957 psi Array Vol EOL 3410 cu in		SOL	
Offset Shots: Gun 2-5 149 m		Gun 3-6 146 m		WIND : 5 m/s WIND DIRECTION : 235 deg SEA STATE : swell 1.5m SEA DIRECTION : 240 deg CABLE DEPTH : 8 m AVER.NOISE : 16.7 uB(4Hz) AVER.NOISE : 4.9 uB(8Hz) DEPTH : 2153 m	
DI#5 is inoperative. Missed SP#1273 From SP#1666 total volume 3410 cu in.				EOL WIND : 3 m/s WIND DIRECTION : 250 deg SEA STATE : swell 1m AVER.NOISE : 3.6 uB(8Hz) AVER.NOISE : 11.4 uB(4Hz) DEPTH : 2349 m	
Safonov Victor Bekezin Andrey (00:00-12:00)		Shendrik Vladimir Usov Vladimir (12:00-24:00)		SOURCE DEPTH : 6 m	

mv Geo Arctic

0007A018							
GMT	TAPE	DRIVE	FILE	SHOT	Water depth(m)	F/A (deg)	COMMENTS
	20	02	91				WB Gun#2-5
			92				WB Gun#3-5
			93				Noise
06:58			995	995			SOL FSP
06:59	20	02	1001	1001	2153	-5.8	FCSP
07:06			1040	1040	2522	-4.0	SP#1009: G#3.1 time error 1.13 ms
07:13			1080	1080	2467	-3.3	
07:20			1120	1120	2458	-1.3	
07:27			1160	1160	2406	0.0	SP#1152,1165: G1.8 time error 1.13-1.25ms
07:34			1200	1200	2360	1.5	SP#1246,1247,1248,1249,1252,1254: G1.1 time error -1.75-2.25ms.
07:41			1240	1240	2358	3.1	
07:47			1279	1280	2359	4.3	SP#1273 - missed.
07:54			1319	1320	2412	5.5	SP#1311:G3.2 time error 1.1ms.
08:01			1359	1360	2460	6.7	
08:09			1399	1400	2500	7.5	
08:16			1439	1440	2473	8.6	
08:23			1479	1480	2471	8.8	
08:30			1519	1520	2500	9.5	
08:36			1559	1560	2533	9.5	SP#1605: feathering angle > 10deg.
08:43			1599	1600	2568	9.9	SP#1637,1679,1708,1717,1729,1735,1740,1745: G#2.2 not found.
08:50			1639	1640	2598	10.5	SP#1659,1662-1665: G#4.2 t. err. (1.25-5.13ms).
08:57			1679	1680	2608	11.1	SP#1665: G#4.2 - OFF. Total volume 3410 cu in.
09:04			1719	1720	2608	11.3	
09:12			1759	1760	2618	11.6	
09:18			1799	1800	2599	11.5	
09:25			1839	1840	2593	12.3	
09:32			1879	1880	2612	12.6	
09:39			1919	1920	2549	12.2	SP#1928:G#2.2 not found.
09:46			1959	1960	2513	11.9	SP#1956: G#4.4 not found.
09:47			1966	1967	2507	11.8	LCSP
09:53			1999	2000	2494	11.6	SP#2004,2018:G#2.2 not found.
10:00			2039	2040	2434	11.1	SP#2057,2058,2062,2064,2081,2083:G#2.2 time error1.38-2.75ms.
10:08			2086	2087	2349	10.4	EOL. LSP.
10:08			2089	2090			LdSP
	20	02	2090				Noise

30 12 2001 11:04

I/O MSX SYSTEM OBSERVER LOG

Sun Dec 30 05:24:51 2001

LINE INFORMATION

<i>Client</i>	PanCanadien Pet.Lim.
<i>Prospect</i>	2001 MIDAS 2D SURVEY
<i>Line Name</i>	0007A018
<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	20	02	0000 00000	Dec 30, 2001 - 06:42:02	UHTO; NF#; DSP; NFSID; BOR;	WB Gun#2.5
0	92	20	02	0000 00000	Dec 30, 2001 - 06:43:32	UHTO; DSP; NFSID;	WB Gun#3.6
0	93	20	02	0000 00000	Dec 30, 2001 - 06:45:48	UHTO; DSP; NFSID; ITB;	Noise
995	995	20	02	1364 19736	Dec 30, 2001 - 06:58:08	BOL; NF#; NSP; NFSID;	FSP
1001	1001	20	02	1364 19742	Dec 30, 2001 - 06:59:12		FCSP
1274	1273	20	02	1364 20015	Dec 30, 2001 - 07:46:24	NSP; NFSID;	SP#1273 missed
1967	1966	20	02	1364 20708	Dec 30, 2001 - 09:47:26		LCSP
2087	2086	20	02	1364 20828	Dec 30, 2001 - 10:08:20		EOL LSP
2090	2089	20	02	1364 20831	Dec 30, 2001 - 10:08:52		LdSP
0	2090	20	02	0000 00000	Dec 30, 2001 - 10:09:44	EOL; 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	Playback 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

Sun Dec 30 05:25:02 2001

LINE INFORMATION

<i>Client</i>	PanCanadien Pet.Lim.
<i>Prospect</i>	2001 MIDAS 2D SURVEY
<i>Line Name</i>	0007A018
<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

Sun Dec 30 05:25:02 2001

REEL NUMBER	TAPE UNIT	FILE COUNT	FIRST FILE LAST FILE	FIRST SP LAST SP	FIRST FSID LAST FSID	START DATE & TIME END DATE & TIME
20	02	1099	91 2090	0 0	0000 00000 0000 00000	Dec 30, 2001 - 06:42:02 Dec 30, 2001 - 10:09:44

PC01-0007a018

Reel # 20 Date 30.12.01 Seq # 18

FSP 995 LSP 2090 FFFID 995 LFFID 2089
FGSP 1001 LGSP 2087 FGFFID 1001 LGFFID 2086

Water Break - Channel Set 2

SOL SP: 1001 Offset: 152 ms 149 m
EOL SP: 2087 Offset: 152 ms 149 m

NearPhones - Channel Sets 3-18

Aux Chan	Comment	Aux Chan	Comment
3	Good	11	Good
4	Good	12	Good
5	Good	13	Good
6	Good	14	Good
7	Good	15	Good
8	Good	16	Good
9	Good	17	Good
10	Good	18	Good

Bad/Noisy channels:

Bad Shots:

Lost Shots: 1273

Environmental Noise

Bird / retriever noise

(Amplitude Plots / NearTrace Plot)

RMS Noise Analysis

Average noise per line

(Time Gate 1500-2000 ms)

LCF 2 Hz LCF 8 Hz

(in RMS time gate)

10.76 5.04

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:	0	0	

Brute Stack:

OK

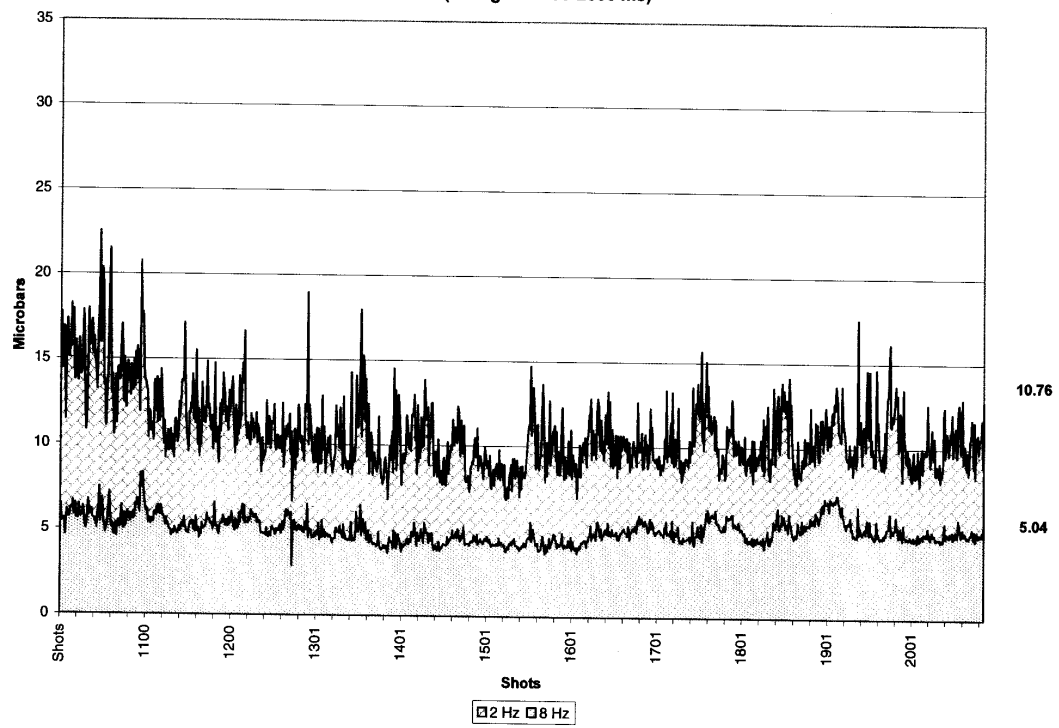
Velocity Comments:

Additional Comments:

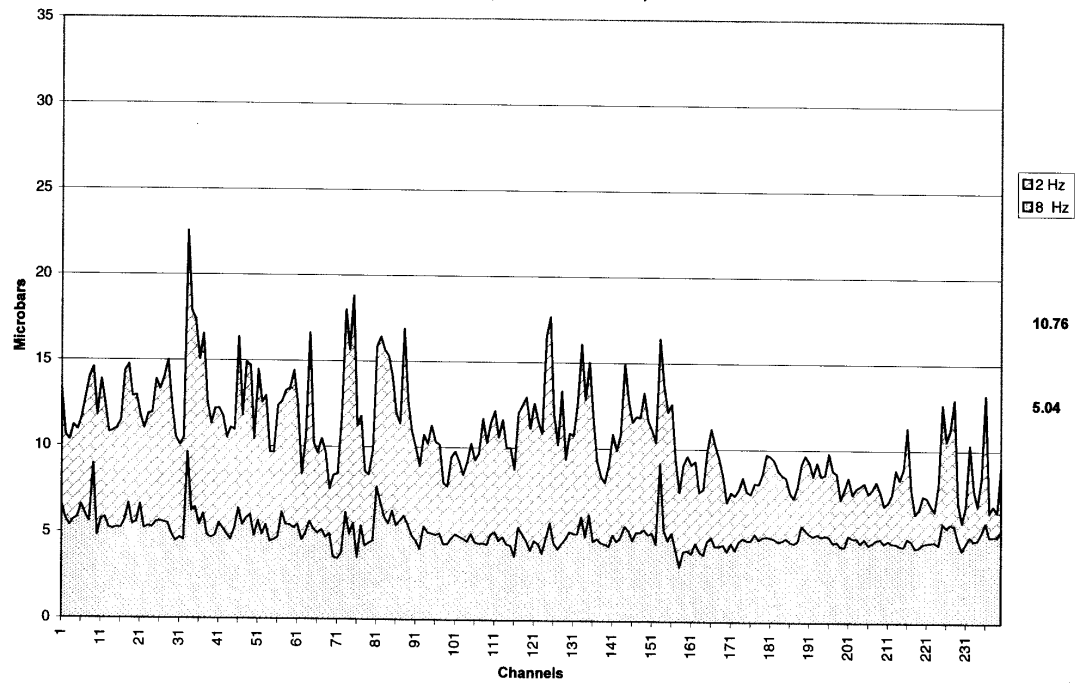
Some air leak Gun 2-2 from SP 2022 to EOL.

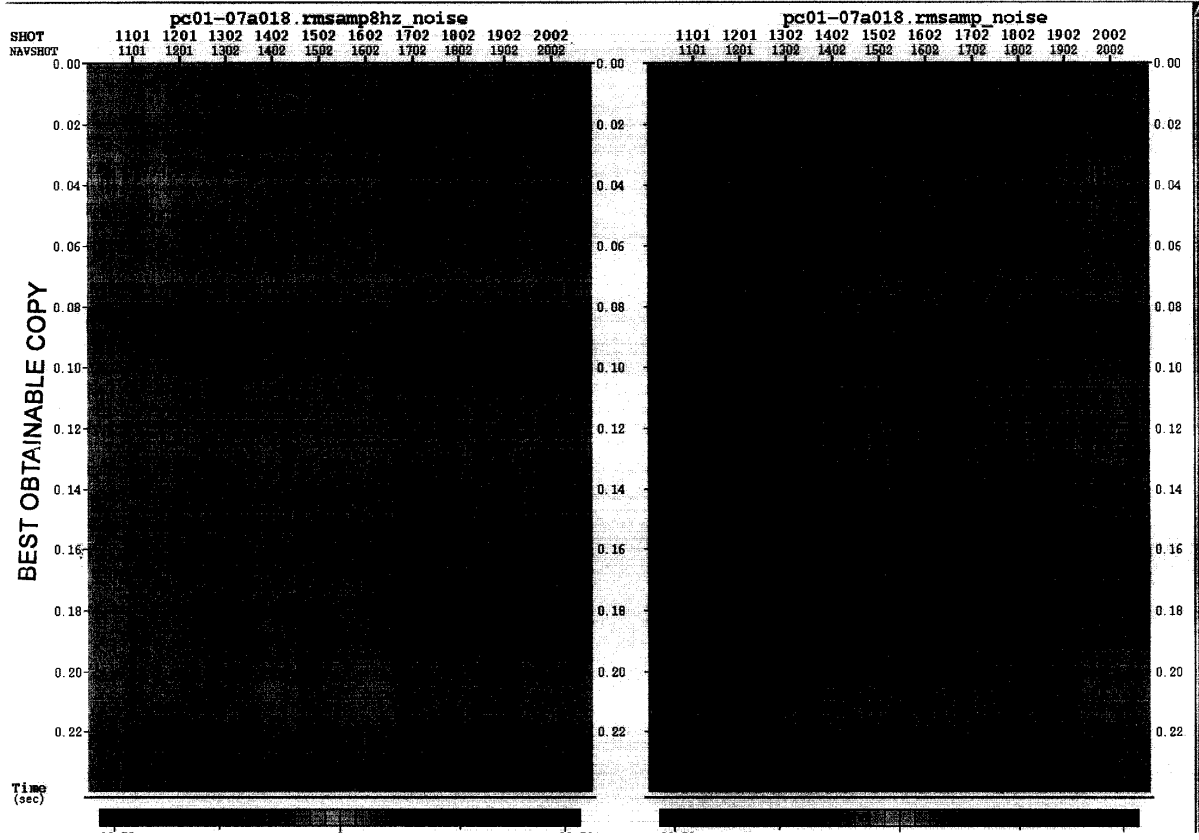
Multiples in analysis window increase noise level.

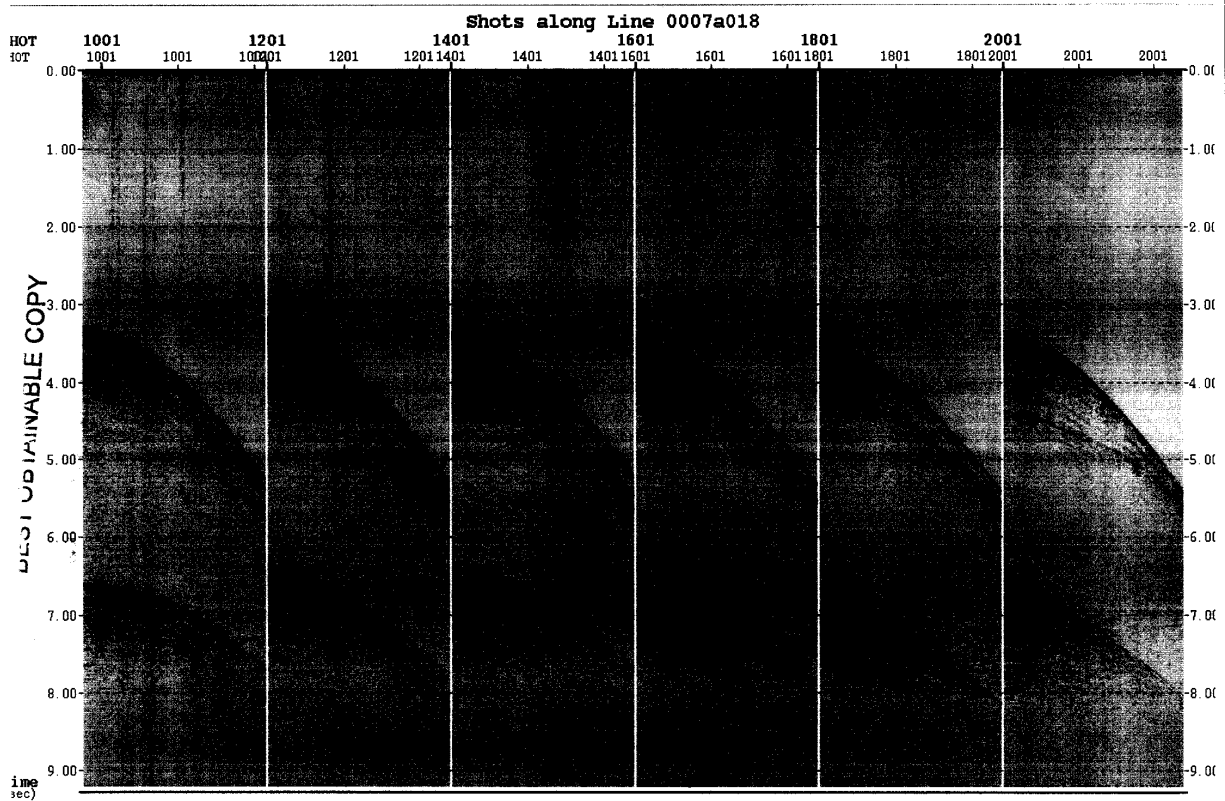
Line PC01-0007a018 Residual Shot Noise
(time gate 1500-2000 ms)



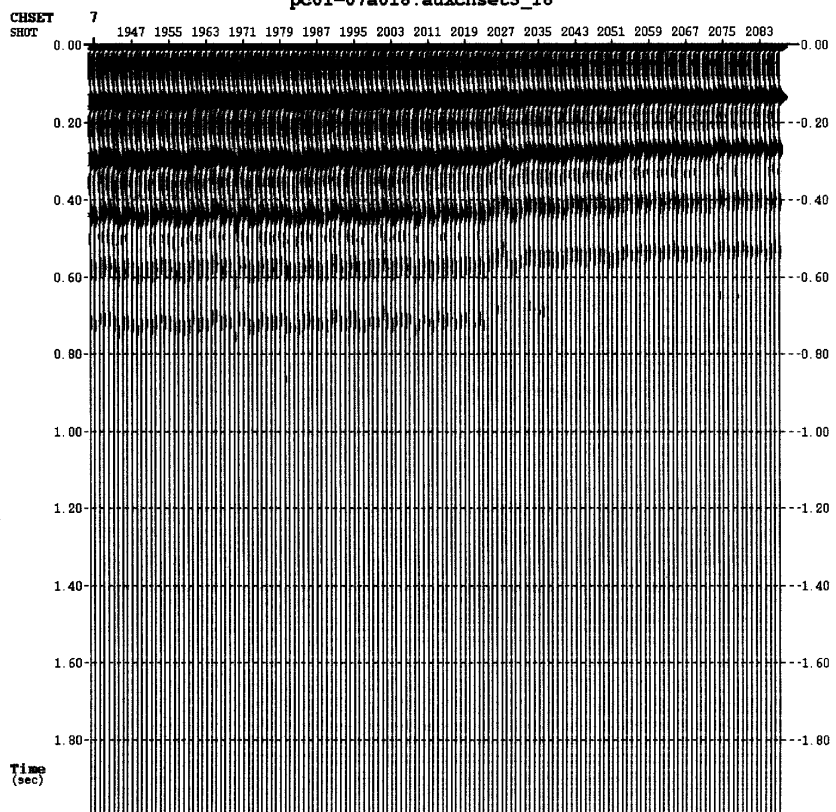
Line PC01-0007a018 Residual Channel Noise
(time gate 1500-2000 ms)







pc01-07a018.auxchset3_18



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