

Snøhvit dataset

Course in seismic processing for interpreters

Observers log – Snøhvit dataset

M/V ZEPHYR 1

COVER PAGE

MARINE SEISMIC OBSERVERS LOG

Client: TGS NOPEC

Contractor: DMNG

Survey: BSS01

LINE NUMBER:

BSS01- 106

SEQUENCE:

12

LINE HEADING:

339.2,339.9,340.9

FSP: 10

FRN: 10

FGSP: 10

FCSP: 10

LSP: 5093

LRN: 5093

LGSP: 5093

LCSP: 5093

FReel: 35

LReel: 37

LFF: 4966

WATER DEPTH

SOL: 281

MIN: 151

EOL: 354

MAX: 358

FEATHERING ANGLE

SOL: -11.8

MIN: 0

EOL: -5.8

MAX: -11.8

LOW CUT FILTER:

OUT

DELETE BAD TRACES:

SWELL NOISE :

SOL: 0%

EOL: 0%

AVERAGE NOISE LEVEL:

SOL: 3-4µb

EOL: 3-4µb

SOURCE VOLUME:

SOL: 2940cu.in

EOL: 2940cu.in

AIR PRESSURE:

SOL: 2000 psi

EOL: 2000psi

COMMENTS

Total

Misfires over 1,5ms:

1

Misfires over 2,0ms:

0

Autofires:

0

fire detect:

0

of misfire:

0.01%

records:

1

records:

0

records:

0

es leakage:

0

SP's:

SP's:

SP's:

SP's: 1055

SP's:

SP's:

TR's:

on SOL to SP-79 cable was turn due to fishing activity.
80 Streamer is straight.

RECORDING DETAILS

SINGLE STREAMER DETAILS

continue

RECORDING DETAILS		SINGLE STREAMER DETAILS	
Hi cut	218Hz/484db	Streamer type	SYNTRAK RDA
Lo cut	3Hz/6db	Number of groups	480 traces
Sample System type	Syntrak 480	Group length	12.5 meters
Filter rate	2milliseconds	Number of phones per group	16
Record length	8 seconds	Target streamer depth	8 meters+/-1m
Tape format	SEG D 8015	Near trace	480 traces
Tape cartridge	3590/10GB	Shotpoint interval	25 meters
A/D & Filter delay	34 milliseconds	Near trace offset	144m
Extended header	YES	SOURCE DETAILS	
Record delay	NONE	Source	Tuned Bolt array
Total recording status shift	94 milliseconds	Source size	2940 cubic inch
Gain mode	Automatic gain control	Source depth	7 meters
		Air pressure	2000 psi
		Gun delay	60 milliseconds

Marine Seismic Observers Log.

CLIENT : TGS-Nopec					LINE NUMBER: BSS01-106		
PROSPECT : BSS01					SEQUENCE: 12		
OBSERVER: Victor,Andrey					DIRECTION: 339.2,399.9,340.9		
VESSEL : ZEPHYR 1					DATE: 05.06.2001		
TIME GMT	REEL	RECORD	SHOT	TXP	Comments	Dp	Press
					Wind:Dir. E 5 m/s.		
					Swell:Dir. E 1 m.		
	35	8	0	2	BOT Noise Test LCF-8 Hz		
	35	9	0	2	Noise Test LCF-3 Hz		
3:06	35	10	10	2	SOL	281	2000
8:33	35	1987	1987	2	EOT	277	2000
8:33	36	1988	1988	0	BOT	279	2000
11:09	36	2950	2950	0	DOG LEG	327	2000
13:57	36	3967	3967	0	EOT	316	2000
13:57	37	3968	3968	1	BOT	317	2000
16:25	37	4831	4831	1	DOG LEG	337	2000
17:07	37	5093	5093	1	EOL	354	2000
	37	5094	0	1	Noise Test LCF-3 Hz		
	37	5095	0	1	EOT Noise Test LCF-8 Hz		