MARINE SEISMIC OBSERVER'S LOG

PAGE 1 OF 1 PAGES

1 CLIENT: HUSKY - ~~GGN~~
2 PROSPECT: BARROW
3 AREA: NORTH SLOPE
4 LINE NO.: B-27
5 VESSEL: MV GSI MARINER
6 PARTY NO: 2436
7 INST. ENG.:
8 DATE: MO SEPT DAY 18 YR 77

9 CAMERA DISPLAY: ☒ 1 SYSTEM ☐ 2 SYSTEMS ☐ NEAR AND FARS ☐ ODD AND EVEN
10 TYPE: ☐ DFS III ☒ DFS IV OTHER ____ ☐ 9 TRACK ☒ 21 TRACK
11 FORMAT: ~~SEG~~ TIAC
12 ☐ GAPPED ☐ UNGAPPED
13 NO. BYTES IN HEADER: STANDARD
14 NO. BYTES IN RECORD ID: STANDARD
15 NO. OF BYTES IN SCAN: STANDARD
16 TIMING TRACE CHANNEL: 56
17 RECORD NUMBERS: ☐ DEC. ☒ OCT.
18 PACKING DENSITY: (LO) ☐ 356 ☐ 800 (HI) ☒ 712 ☐ 1600
19 SAMPLE RATE: ☐ 1 ☐ 2 ☒ 4 ☐ 8 OTHER ____
20 RECORD LENGTH: 6 SEC.
21 DELAY START RECORD MODULE: (T_0) = ____ SEC
22 GAIN CONSTANT: 30 db

23 MAIN STREAMER RECORDING:
NUMBER OF TRACES: 48
TRACE NUMBERS: 1-48
CHANNEL NOS. (ON MAG TAPE): 1→24 & 32→55
GROUP INTERVAL 50 M STREAMER LENGTH 2400 M
DISTANCE FROM CENTER GUN TO CENTER NEAR GRP: 289 M

24 WATER BREAK RECORDING:
LOCATION: 1/2, 10/11, 20/21, 30/31, 40/41, 48
CHANNEL (ON TAPE): 25, 26, 27, 28, 29, 24
TRACE (ON DISPLAY): 50, 51, 52, 53, 54, 51

MINI STREAMER RECORDING:
NUMBER OF TRACES ____
TRACE NUMBERS ____
CHANNEL NOS. (ON MAG TAPE) ____
GROUP INTERVAL ____ M STREAMER LENGTH ____ M
DISTANCE FROM CENTER GUN TO CENTER NEAR GRP: ____ M

25 DIRECTION: N, W, E, S 121
26

27 CABLE NOISE: MAIN ____ μBARS | MINI ____ μBARS
28

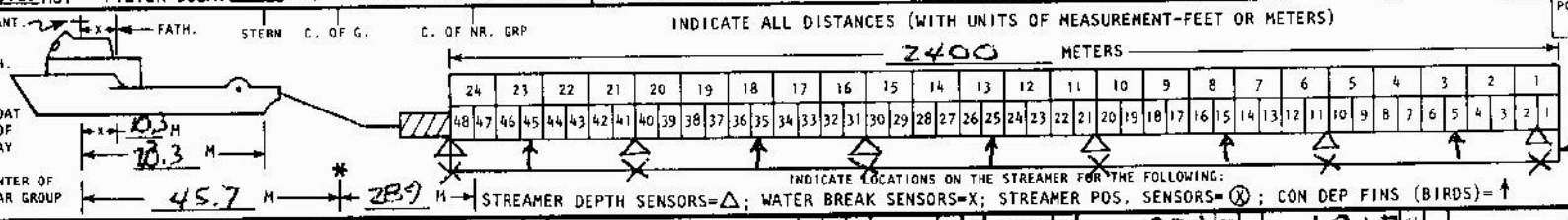
29

30 COVERAGE: 48 FOLD
31 SHOTPOINT INTERVAL: 25 M
32 SHOTPOINT INCREMENT: +1
33 GUN DEPTH: 3.33 M
34 WATER VELOCITY: 1500 M/SEC

35 FILTERS MAIN STREAMER: LOW 8/18 HIGH 62
36 FILTERS MINI STREAMER: LOW ____ HIGH ____
37 RECORD GAIN MODE: ☐ INIT ☐ MAN ☐ OPER ☒ IFP
REPRODUCE MODE: ☐ FLOAT ☐ DEFLOAT ☐ AGC
38 AIRGUN ARRAY: 500 IN^3
39 AIRGUN PRESSURE: 2000 PSI
40

SYSTEM DELAYS: AIRGUN DELAY 13.5 MS. FILTER DELAY ____ MS. DISPLAY DELAY ____ MS.
41 POLARITY: PRESSURE INCREASE ON PHONE: ☒ NEGATIVE ☐ POSITIVE } NUMBERS ON TAPE ☒ DOWNBREAK ☐ UPBREAK } ON DISPLAY
42 ALIASING FILTER
43

44 POP PER SHOTPOINT: 1



NOTE: INDICATE STREAMER DIAGRAM IF DIFFERENT THAN THE ABOVE GROUPS HERE

	SHOTPOINT (43)	RP (44)	REC # OR DUMMY (-1) (44)	REEL NUMBER (45)	XPORT	W. DEPTH ~~(M)~~ FT (46)	OFFSET (M) (47)	STREAMER DEPTH (48)	MINI STR (49)	MINI-STR OFFSET(M) (50)	POP SR (51)	TIME LOCAL/ ~~GMT~~ (52)	F S 934 (53) / A Z (57)	L S 1910 (54) / I N X (58)	F R 1 (55) / N (59)	L R 1721 (56) / L N E - B-27 (60)	(61)
	1 2 3 4 5	6	7 8 9 10 11	12 13 14 15 16 17	18	19 20 21 22 23	24 25 26 27	28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44 45	46	47 48 49 50	51 52 53 54 55 56 57 58 59 60				61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
1				7,7,-8,3,1,1		29	289										PT BARROW BRG 1,8,5°/22
2	934							00 00 — 00 00 22				0318					FRN 1 FSP 0934
3	1133			77-8322		31		00 00 — 05 13 29				1351					FRN 310 FSP 1133
4	1183											1400 38 MI OLIN					FIX BRG 243° T2 MI
5	1253						297										RM 500 CHNGD OFST
6												1411 57/57 MI OLIN					FIX BRG 250° 8 MI ITMC
7	1333			77-8331		33		00 00 — 00 10 27				1423					FRN 620 FSP 1333
8	1351											1426 59 MI FSBL					FIX BRG 283° 8.75 MI
9			#0065														AF
10	1533			77-8342		32		00 00 — 05 13 29				1458					FRN 1130 FSP 1533
11			1233														AF
12			1256														AF
13			1365														AF
14	1733			77-8351		32		00 00 — 10 17 27				1533					FRN 1440 FSP 1733
15			1542					00 00 — 10 17 27									AF
16			1542														AF
17	1910							00 00 — 05 10 23				1602					LRN 1721 LSP 1910

MN 1722 - ~~GAS~~ B NOISE

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MARINE SEISMIC OBSERVER'S LOG

PAGE 1 OF ___ PAGES

CLIENT: [illegible] - HUSKY	PROSPECT: PT. BARROW	AREA: N. SLOPE	LINE NO.: [illegible] B-27
VESSEL: MV MARINEA	PARTY NO: 2436	INST. ENG.	DATE: MO 09 DAY 19 YR 77

CAMERA DISPLAY: [X] SYSTEM [ ] 2 SYSTEMS [ ] NEAR AND FARS [ ] ODD AND EVEN

TYPE: [ ] DFS III [X] DFS IV OTHER ___ [ ] 9 TRACK [X] 21 TRACK

FORMAT: SEG MAC [X] GAPPED [ ] UNGAPPED

NO. BYTES IN HEADER: STND. NO. BYTES IN RECORD ID: STND. NO. OF BYTES IN SCAN: STND.

TIMING TRACE CHANNEL: 56 RECORD NUMBERS: [ ] DEC. [X] OCT.

PACKING DENSITY: (LO) [ ] 356 [ ] 800 (HI) [X] 1712 [ ] 1600

SAMPLE RATE: [ ] 1 [ ] 2 [X] 4 [ ] 8 OTHER ___

RECORD LENGTH: 6 SEC. DELAY START RECORD MODULE: (T_0)= ___ SEC

GAIN CONSTANT: 30

MAIN STREAMER RECORDING:
NUMBER OF TRACES 48
TRACE NUMBERS 1-48
CHANNEL NOS. (ON MAG TAPE) 1-24, 32-55

WATER BREAK RECORDING:
LOCATION 1/2 10/11 20/21 30/31 40/41 48/49
CHANNEL (ON TAPE) 25 26 27 28 29 30
TRACE (ON DISPLAY) 52 51 52 53 50 51

MINI STREAMER RECORDING:
NUMBER OF TRACES ___
TRACE NUMBERS ___
CHANNEL NOS. (ON MAG TAPE) ___

DIRECTION: 123° (N, W, E, S)

GROUP INTERVAL 50 M STREAMER LENGTH 2400 M
DISTANCE FROM CENTER GUN TO CENTER NEAR GRP: 385 M

CABLE NOISE: MAIN ___ μBARS MINI ___ μBARS

GROUP INTERVAL ___ M STREAMER LENGTH ___ M
DISTANCE FROM CENTER GUN TO CENTER NEAR GRP: ___ M

COVERAGE: 24 FOLD SHOTPOINT INTERVAL: 50 M SHOTPOINT INCREMENT: +1 GUN DEPTH: 3.33 M WATER VELOCITY: 1500 M/SEC

FILTERS MAIN STREAMER: LOW 8/16 HIGH 62 FILTERS MINI STREAMER: LOW ___ HIGH ___

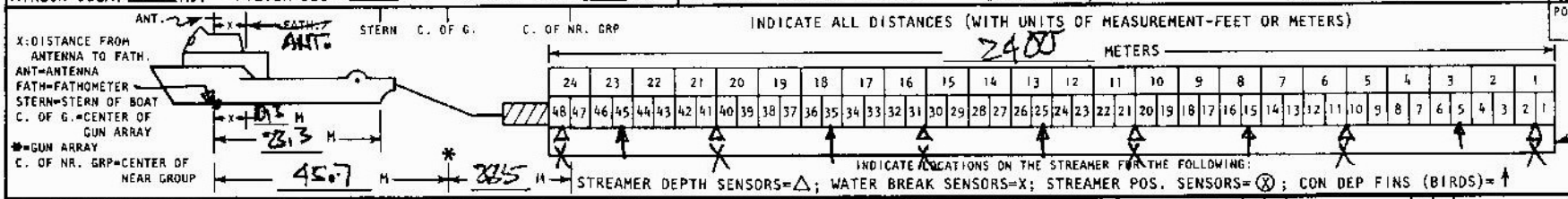
RECORD GAIN MODE: [ ] INIT [ ] MAN [ ] OPER [X] FP REPRODUCE MODE: [ ] FLOAT [ ] DEFLOAT [X] AGC

AIRGUN ARRAY 900 IN³ AIRGUN PRESSURE 2000 PSI

SYSTEM DELAYS: AIRGUN DELAY 85 MS. FILTER DELAY ___ MS. DISPLAY DELAY ___ MS.

POLARITY: PRESSURE INCREASE ON PHONE: [X] NEGATIVE [ ] POSITIVE } NUMBERS ON TAPE [X] DOWNBREAK [ ] UPBREAK } ON DISPLAY

ALIASING FILTER ___ POP PER SHOTPOINT 1



NOTE: INDICATE STREAMER DIAGRAM IF DIFFERENT THAN THE ABOVE GROUPS HERE

	SHOTPOINT (43)	RPT	REC # OR DUMMY (-1) (44)	REEL NUMBER (45)	XPORT	W. DEPTH (M) FTS (46)	OFFSET (M) (47)	STREAMER DEPTH 1/2	10/11	20/21	30/31	40/41	48/49 (48)	MINI STR (49)	MINI-STR OFFSET(M) (50)	POP SP (51)	TIME LOCAL/GMT (52)	FS 1911 (53) AZ (57)	LS 3016 (54) NX (58)	FR 1 (55) NE (59)	LR 2110 (56) LINE B-27 (60)	(61)
1							285															RN 7777 NOISE
2	1911			77-8391		31		1	52	20	18	15	16				0457					FRN 0001 FSP 1911
3			04																			AF
4			06																			AF
5			07																			AF
6			10																			AF
7			17																			AF
8			227																			AF?
9			241																			AF?
10			243																			AF?
11			250																			AF? & ~~RN 276 AF~~
12			305																			AF?
13			306																			AF? & ~~RN 307 AF~~
14	2110		[illegible]/077	77-8402		30		12	52	20	16	13	16				0553					FRN 310 FSP 2110 AF
15			335																			AF
16			344																			AF?
17			351																			AF?

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MARINE SEISMIC OBSERVER'S LOG

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CLIENT: [1] PROSPECT: [2] AREA: [3] LINE NO.: B-27 [4]

VESSEL: [5] PARTY NO: [6] INST. ENG. [7] DATE: MO SEPT DAY 19 YR 77 [8]

CAMERA DISPLAY: [9] ☐ 1 SYSTEM ☐ 2 SYSTEMS ☐ NEAR AND FARS ☐ ODD AND EVEN

TYPE: [10] ☐ DFS III ☐ DFS IV OTHER _____ ☐ 9 TRACK ☐ 21 TRACK

FORMAT: [11] SEG _____ [12] ☐ GAPPED ☐ UNGAPPED

NO. BYTES IN HEADER: [13] NO. BYTES IN RECORD ID: [14] NO. OF BYTES IN SCAN: [15] TIMING TRACE CHANNEL: [16]

RECORD NUMBERS: [17] ☐ DEC. ☐ OCT.

PACKING DENSITY: [18] (LO) ☐ 356 ☐ 800 (HI) ☐ 712 ☐ 1600

SAMPLE RATE: [19] ☐ 1 ☐ 2 ☐ 4 ☐ 8 OTHER _____

RECORD LENGTH: [20] _____ SEC.

DELAY START RECORD MODULE: [21] (T_o) = _____ SEC

GAIN CONSTANT: [22]

MAIN STREAMER RECORDING: [23]
NUMBER OF TRACES _____
TRACE NUMBERS _____
CHANNEL NOS. (ON MAG TAPE) _____

WATER BREAK RECORDING: [24]

	1	2	3	4	5	6
LOCATION						
CHANNEL (ON TAPE)						
TRACE (ON DISPLAY)						

MINI STREAMER RECORDING: [25]
NUMBER OF TRACES _____
TRACE NUMBERS _____
CHANNEL NOS. (ON MAG TAPE) _____

DIRECTION: [26] N W E S 123°

GROUP INTERVAL _____ M STREAMER LENGTH _____ M [27]
DISTANCE FROM CENTER GUN TO CENTER NEAR GRP: _____ M

CABLE NOISE: [28] MAIN _____ μBARS | MINI _____ μBARS

GROUP INTERVAL _____ M STREAMER LENGTH _____ M [29]
DISTANCE FROM CENTER GUN TO CENTER NEAR GRP: _____ M

COVERAGE: [30] _____ FOLD

SHOTPOINT INTERVAL: [31] _____ M

SHOTPOINT INCREMENT: [32]

GUN DEPTH: [33] _____ M

WATER VELOCITY: [34] _____ M/SEC

FILTERS MAIN STREAMER: [35] LOW _____ HIGH _____

FILTERS MINI STREAMER: [36] LOW _____ HIGH _____

RECORD GAIN MODE: [37] ☐ INIT ☐ MAN ☐ OPER ☐ IFP

REPRODUCE MODE: [38] ☐ FLOAT ☐ DEFLOAT ☐ AGC

AIRGUN ARRAY: [39] _____ IN^3

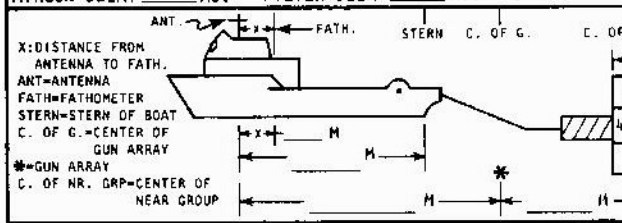
AIRGUN PRESSURE: [40] _____ PSI

SYSTEM DELAYS: AIRGUN DELAY _____ MS. FILTER DELAY _____ MS. DISPLAY DELAY _____ MS.

POLARITY: [41] PRESSURE INCREASE ON PHONE: ☐ NEGATIVE ☐ POSITIVE } NUMBERS ON TAPE ☐ DOWNBREAK ☐ UPBREAK } ON DISPLAY

ALIASING FILTER: [42] [43]

POP PER SHOTPOINT [44]



INDICATE ALL DISTANCES (WITH UNITS OF MEASUREMENT-FEET OR METERS)

METERS

24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
48 47	46 45	44 43	42 41	40 39	38 37	36 35	34 33	32 31	30 29	28 27	26 25	24 23	22 21	20 19	18 17	16 15	14 13	12 11	10 9	8 7	6 5	4 3	2 1

NOTE: INDICATE STREAMER DIAGRAM IF DIFFERENT THAN THE ABOVE GROUPS HERE

INDICATE LOCATIONS ON THE STREAMER FOR THE FOLLOWING: STREAMER DEPTH SENSORS=△; WATER BREAK SENSORS=X; STREAMER POS. SENSORS=Ⓧ; CON DEP FINS (BIRDS)=↑

	SHOTPOINT [43] (1–5)	RPT (6)	REC # OR DUMMY (-1) [44] (7–11)	REEL NUMBER [45] (12–17)	XPORT (18)	W. DEPTH (M) [46] (19–23)	OFFSET (M) [47] (24–27)	STREAMER DEPTH [48] (28–39)	MINI STR [49] (40–41)	MINI-STR OFFSET(M) [50] (42–45)	POS SR [51] (46)	TIME LOCAL/GMT [52] (47–50)	(51–60)	(61–80)
													F S 1 7 1 1 [53] L S 3 0 0 6 [54]	F R 1 [55] L R 2 1 1 0 [56]
													A Z [57] I N X [58] N [59]	L I N E - 8 - 2 7 [60]
1			372											A F ? → POSSIBLE BUT
2			375											A F ? DOUBTFUL
3			376											A F ?
4			377											A F ?
5			403											A F ?
6			406											A F ?
7			417											A F ?
8			421											A F ?
9			426											A F ?
10			432											A F ?
11			435											A F ?
12			437											A F ?
13			441											A F ?
14			444											A F ?
15			450											A F ?
16			461											A F ?
17			474											A F ?

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MARINE SEISMIC OBSERVER'S LOG

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1 CLIENT: | 2 PROSPECT: | 3 AREA: | 4 LINE NO.: B-27

5 VESSEL: | 6 PARTY NO: | 7 INST. ENG. | 8 DATE: MO SEPT DAY 14 YR 77

9 CAMERA DISPLAY: ☐ 1 SYSTEM ☐ 2 SYSTEMS ☐ NEAR AND FARS ☐ ODD AND EVEN

10 TYPE: ☐ DFS III ☐ DFS IV OTHER ___ ☐ 9 TRACK ☐ 21 TRACK

11 FORMAT: SEG ___ 12 ☐ GAPPED ☐ UNGAPPED

13 NO. BYTES IN HEADER: | 14 NO. BYTES IN RECORD ID: | 15 NO. OF BYTES IN SCAN: | 16 TIMING TRACE CHANNEL: | 17 RECORD NUMBERS: ☐ DEC. ☐ OCT.

18 PACKING DENSITY: (LO) ☐ 356 ☐ 800 (HI) ☐ 712 ☐ 1600

19 SAMPLE RATE: ☐ 1 ☐ 2 ☐ 4 ☐ 8 OTHER ___ | 20 RECORD LENGTH: ___ SEC. | 21 DELAY START RECORD MODULE: (T_o)= ___ SEC | 22 GAIN CONSTANT:

23 MAIN STREAMER RECORDING:
NUMBER OF TRACES ___
TRACE NUMBERS ___
CHANNEL NOS. (ON MAG TAPE) ___
GROUP INTERVAL ___ M STREAMER LENGTH ___ M
DISTANCE FROM CENTER GUN TO CENTER NEAR GRP: ___ M

WATER BREAK RECORDING: 1 2 3 4 5 6
LOCATION
CHANNEL (ON TAPE)
TRACE (ON DISPLAY)

24 MINI STREAMER RECORDING:
NUMBER OF TRACES ___
TRACE NUMBERS ___
CHANNEL NOS. (ON MAG TAPE) ___
GROUP INTERVAL ___ M STREAMER LENGTH ___ M
DISTANCE FROM CENTER GUN TO CENTER NEAR GRP: ___ M

25 DIRECTION: 26 N W E S 123

27 CABLE NOISE: MAIN ___ μBARS | MINI ___ μBARS

28 29

30 COVERAGE: ___ FOLD | 31 SHOTPOINT INTERVAL: ___ M | 32 SHOTPOINT INCREMENT: | 33 GUN DEPTH: ___ M | 34 WATER VELOCITY: ___ M/SEC

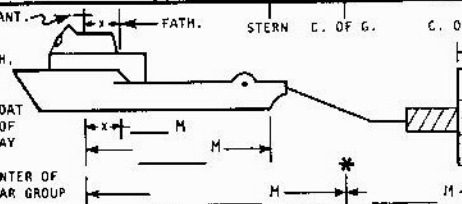
35 FILTERS MAIN STREAMER: LOW ___ HIGH ___ | 36 FILTERS MINI STREAMER: LOW ___ HIGH ___

37 RECORD GAIN MODE: ☐ INIT ☐ MAN ☐ OPER ☐ IFP | 38 REPRODUCE MODE: ☐ FLOAT ☐ DEFLOAT ☐ AGC | 39 AIRGUN ARRAY: ___ IN^3 | 40 AIRGUN PRESSURE: ___ PSI

41 SYSTEM DELAYS: AIRGUN DELAY ___ MS. FILTER DELAY ___ MS. DISPLAY DELAY ___ MS.

POLARITY: PRESSURE INCREASE ON PHONE: ☐ NEGATIVE ☐ POSITIVE } NUMBERS ON TAPE ☐ DOWNBREAK ☐ UPBREAK } ON DISPLAY

42 ALIASING FILTER | 43 POP PER SHOTPOINT



INDICATE ALL DISTANCES (WITH UNITS OF MEASUREMENT-FEET OR METERS)

METERS

| | | |

MARINE SEISMIC OBSERVER'S LOG

PAGE 4 OF 4 PAGES

1 CLIENT: | 2 PROSPECT: | 3 AREA: | 4 LINE NO.: B-27

5 VESSEL: | 6 PARTY NO: | 7 INST. ENG. | 8 DATE: MO SEPT DAY 19 YR 77

9 CAMERA DISPLAY: ☐ 1 SYSTEM ☐ 2 SYSTEMS ☐ NEAR AND FARS ☐ ODD AND EVEN

10 TYPE: ☐ DFS III ☐ DFS IV OTHER _____ ☐ 9 TRACK ☐ 21 TRACK

11 FORMAT: SEG _____ 12 ☐ GAPPED ☐ UNGAPPED

13 NO. BYTES IN HEADER: | 14 NO. BYTES IN RECORD ID: | 15 NO. OF BYTES IN SCAN: | 16 TIMING TRACE CHANNEL: | 17 RECORD NUMBERS: ☐ DEC. ☐ OCT. | 18 PACKING DENSITY: (LO) ☐ 356 ☐ 800 (HI) ☐ 712 ☐ 1600

19 SAMPLE RATE: ☐ 1 ☐ 2 ☐ 4 ☐ 8 OTHER _____ | 20 RECORD LENGTH: _____ SEC. | 21 DELAY START RECORD MODULE: (T_0)= _____ SEC | 22 GAIN CONSTANT:

23 MAIN STREAMER RECORDING:
NUMBER OF TRACES _____
TRACE NUMBERS _____
CHANNEL NOS. (ON MAG TAPE) _____

WATER BREAK RECORDING: 1 2 3 4 5 6
LOCATION
CHANNEL (ON TAPE)
TRACE (ON DISPLAY)

24 MINI STREAMER RECORDING:
NUMBER OF TRACES _____
TRACE NUMBERS _____
CHANNEL NOS. (ON MAG TAPE) _____

25 GROUP INTERVAL _____ M STREAMER LENGTH _____ M
DISTANCE FROM CENTER GUN TO CENTER NEAR GRP: _____ M

26 DIRECTION: N W E S 123

27 GROUP INTERVAL _____ M STREAMER LENGTH _____ M
DISTANCE FROM CENTER GUN TO CENTER NEAR GRP: _____ M

28 CABLE NOISE: MAIN _____ μBARS | MINI _____ μBARS

29 COVERAGE: _____ FOLD | 30 SHOTPOINT INTERVAL: _____ M | 31 SHOTPOINT INCREMENT: _____ | 32 GUN DEPTH: _____ M | 33 WATER VELOCITY: _____ M/SEC | 34

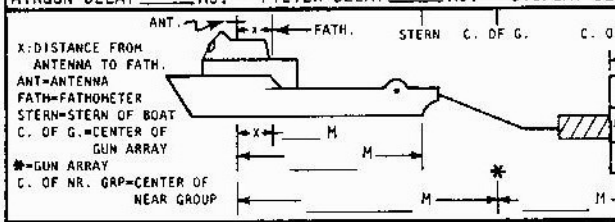
35 FILTERS MAIN STREAMER: LOW _____ HIGH _____ | 36 FILTERS MINI STREAMER: LOW _____ HIGH _____

37 RECORD GAIN MODE: ☐ INIT ☐ MAN ☐ OPER ☐ IFP | 38 REPRODUCE MODE: ☐ FLOAT ☐ DEFLOAT ☐ AGC | 39 AIRGUN ARRAY: _____ IN^3 | 40 AIRGUN PRESSURE: _____ PSI

41 SYSTEM DELAYS: AIRGUN DELAY _____ MS. FILTER DELAY _____ MS. DISPLAY DELAY _____ MS.

POLARITY: PRESSURE INCREASE ON PHONE: ☐ NEGATIVE ☐ POSITIVE } NUMBERS ON TAPE ☐ DOWNBREAK ☐ UPBREAK } ON DISPLAY

42 ALIASING FILTER _____ 43 POP PER SHOTPOINT _____ 44



INDICATE ALL DISTANCES (WITH UNITS OF MEASUREMENT-FEET OR METERS)

METERS

24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
48 47	46 45	44 43	42 41	40 39	38 37	36 35	34 33	32 31	30 29	28 27	26 25	24 23	22 21	20 19	18 17	16 15	14 13	12 11	10 9	8 7	6 5	4 3	2 1

NOTE: INDICATE STREAMER DIAGRAM IF DIFFERENT THAN THE ABOVE GROUPS HERE

INDICATE LOCATIONS ON THE STREAMER FOR THE FOLLOWING: STREAMER DEPTH SENSORS=△; WATER BREAK SENSORS=X; STREAMER POS. SENSORS=⊗; CON DEP FINS (BIRDS)=↑

	43 SHOTPOINT (1–5)	RPT (6)	44 REC # OR DUMMY (-1) (7–11)	45 REEL NUMBER (12–17)	KPART (18)	46 W. DEPTH (M) (19–23)	47 OFFSET (M) (24–27)	48 STREAMER DEPTH (28–39)	49 MINI STR (40–41)	50 MINI-STR OFFSET(M) (42–45)	51 POP SP (46)	52 TIME LOCAL/GMT (47–50)	53 FS 1911 / 54 LS 3006 / 55 FR 1 / 56 LR 2110 / 57 AZ / 58 INX / 59 N / 60 LINE - B-27 (51–60)	61 (61–80)
1			637											NO GOOD
2	2510			77-8427		26		12 26 19 17 16 18				744		FRN 1130 FSP 2510
3			1937											SHORT
4	2710			77-8431		25		12 34 15 15 15 18				840		FRN 1140 FSP 2710
5	2910			77-8441	2	29		10 22 15 15 14 18				939		FRM 1150 FSP 2910
6	3006					32		11 22 17 15 13 18				1008		LSP 3006 FRM 2110
7														RN 2111 CABLE NOISE
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														

T1-23287A

MARINE SEISMIC OBSERVER'S LOG

PAGE 1 OF ___ PAGES

1 CLIENT: HUSKY OIL	2 PROSPECT: BARROW	3 AREA: N. ALASKA	4 LINE NO. B-27
5 VESSEL: MARINER	6 PARTY NO: 2436	7 INST. ENG.: W. WELCOME	8 DATE: MO 09 DAY 17 YR 77

9 RECORD OF A: [X] 1 SYSTEM [ ] 2 SYSTEMS [ ] NEAR AND FARS [ ] ODD AND EVEN

10 TYPE: [ ] DFS III [X] DFS IV OTHER ___

11 [ ] 9 TRACK [X] 1 TRACK

12 FORMAT: SEG TAPE [X] STAPPED [ ] UNSTAPPED

13 NO. BYTES IN HEADER: STD 14 NO. BYTES IN RECORD: STD 15 NO. OF BYTES IN SCAN: STD 16 TIMING TRACE CHANNEL: 50 17 RECORD NUMBERS: [ ] DEC. [X] OCT. 18 PACKING DENSITY: [ ] 556 [ ] 800 [ ] 1600 [X] 2400 [ ] 6250

19 SAMPLE RATE: [ ] 1 [ ] 2 [X] 4 [ ] 8 OTHER ___ 20 RECORD LENGTH: 6 SEC. 21 DELAY START RECORD MODULE: (T_0) = ___ SEC 22 GAIN CONTROL: 30

MINI STREAMER RECORDING:
NUMBER OF TRACES: 45
TRACE NUMBERS:
CHANNEL NOS. (ON MAG TAPE): 1-23, 32-55
GROUP INTERVAL 5.0 M STREAMER LENGTH 224.5 M
DISTANCE FROM CENTER GUN TO CENTER NEAR GRP: 33.5 M

23 WATER BREAK RECORDING:
LOCATION
CHANNEL (ON TAPE)
TRACE (ON DISPLAY)

24 MINI STREAMER RECORDING:
NUMBER OF TRACES
TRACE NUMBERS
CHANNEL NOS. (ON MAG TAPE)
GROUP INTERVAL ___ M STREAMER LENGTH ___ M
DISTANCE FROM CENTER GUN TO CENTER NEAR GRP: ___ M

25 DIRECTION: 288

26 CABLE NOISE: MAIN ___ μBARS | MINI ___ μBARS

27 FOLD: 24 FOLD 28 SHOTPOINT INTERVAL: 50 M 29 SHOTPOINT INCREMENT: +1 30 MAX DEPTH: 3.3 M 31 WATER DEPTH: 12.7

32 FILTERS MAIN STREAMER: LOW 216 HIGH 12 33 FILTERS MINI STREAMER: LOW ___ HIGH ___ 34 RECORD GAIN MODE: [ ] INIT [ ] MAN [ ] OPER [X] FIX 35 REPRODUCE MODE: [ ] FLOAT [ ] DEFLOAT [X] AGC 36 AIRGUN: 1 GUN 37 AIRGUN PRESSURE: 2000 PSI 38 AIRGUN DEPTH: 2 FEET

39 SHOTPOINT DELAY: 55 MS. FILTER DELAY ___ MS. DISPLAY DELAY ___ MS. 40 POLARITY: PRESSURE INCREASE ON PHONE: [X] NEGATIVE [ ] POSITIVE } NUMBERS ON TAPE [ ] DOWNBREAK [ ] UPBREAK } ON DISPLAY

41 DISTANCE FROM CENTER OF GUN TO CENTER OF NEAR GROUP: 33.3 M

STERN C. OF G. C. OF NR. GRP

INDICATE ALL DISTANCES (WITH UNITS OF MEASUREMENT-FEET OR METERS)

2400 METERS

24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

45.7 M → 297

INDICATE LOCATIONS ON THE STREAMER FOR THE FOLLOWING: STREAMER DEPTH SENSORS=△; WATER BREAK SENSORS=X; STREAMER POS. SENSORS=⊙; CON DEP FINS (BIRDS)=

SHOTPOINT	REC # OR DUMMY (-1)	REEL NUMBER	W. DEPTH (M)	OFFSET (M)	STREAMER DEPTH	MINI STR	MINI-STR OFFSET (M)	TIME LOCAL/GMT	F.S. 670 L.S. 860	F.S. 431 L.S. 727 B-27
670	431	77818-T/CH								FRN 431 FSP 670
	617									SHORT
789		77819-T/CH 34								FRN 620 FSP 789
860										LRN 727 LSP 860

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