LAND SEISMIC RECORDING LOG

Page 1

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 4 YR 78

INSTRUMENT (9-TRACK)

[x] 1 SYSTEM [ ] 2 SYSTEMS | [x] 1-24 & 25-48 [ ] 1-48 & 49-96 | ODDS & [x] EVENS | TYPE: [ ] DFS III [ ] DFS IV [x] DFS V [ ] OTHER

[x] 9 TRACK [ ] 21 TRACK | FORMAT: SEG B | [ ] GAPPED [ ] UNGAPPED | PACKING DENSITY: (LO) [ ] 356 BPI [ ] 800 BPI (HI) [ ] 712 BPI [x] 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN:

RECORD NUMBERS: [x] DEC. [ ] OCT | GAIN CONSTANT: 36 db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE)

FIELD TRACE NOS.: 1-48 | DATA CHANNEL NOS.: 1-48 (ON MAG TAPE)

(1) (2) (3) (4) (5) (6) (7)

AUXILIARY DATA: | AUXILIARY CHANNEL NOS.:

PARAMETER

RECORD LENGTH: 5 sec. | SAMPLE RATE: [ ] 1 ms. [ ] 4 ms. [x] 2 ms. [ ] ____ ms. | GAIN MODE: [x] TFP [ ] INITIAL [ ] FINAL [ ] MANUAL [ ] OPERATE

FILTERS: FREQ. 8 LO CUT HZ SLOPE 18 | FREQ. 125 HI CUT HZ SLOPE 70 | NOTCH FILTER: [ ] IN [x] OUT

DISPLAY

MODE: [x] AGC [ ] FLOAT [ ] DEFLOAT [ ] AMPLIFIER [ ] DIRECT | INITIAL GAIN: 18 db | TRIP SENS: 0 db

POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: [ ] NEGATIVE [ ] POSITIVE | NUMBERS ON ON MAG. TAPE: [ ] DOWNBREAK [ ] UPBREAK | ON DISPLAY

CFS I

TYPE STACK: | GATE LENGTH: | RECORD REJECTION:

NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE

TYPE: [x] DYNAMITE [ ] VIBROSEIS [ ] OTHER ____ | PATTERN: Single Hole | CHG/HOLE: 20 | HOLE DEPTH: 67/75

NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | SWEEP POSITION: | SWEEP START: | SWEEP END: | STAGGER: | SWEEP LENGTH: | SWEEP TAPER: | LENGTH: | WIDTH: | PHASE COMP: | LATERAL OFFSET:

RECEIVER

TYPE: GSC-20P | PATTERN: Inline | NO. OF ELEMENTS: 18 | INLINE SPACING: 18 | LATERAL SPACING:

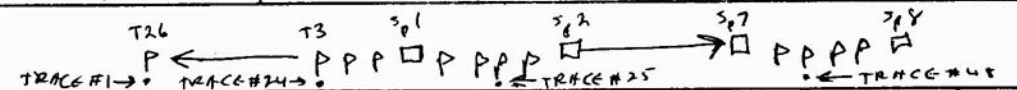
CONNECTION: Series-parallel | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD

NO. OF GROUPS: 48 | GROUP INTERVAL: 220' | SHOTPOINT INTERVAL: 8850' | FOLD: 6 | DIRECTION OF PROGRESSION: N to S

OFFSET GROUP 1: 5610 | OFFSET GROUP 24: 550' | OFFSET GROUP 25: 550' | OFFSET GROUP 48/49: 5610 | LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION:



SHOTPOINT	RE:	TR. 1 to 48 REEL NO.	REC.	TR ____ to ____ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	SPREAD 1 LINE GROUPS 46	SET UP	REMARKS	CORR. STACK TR 1-48 HT.	TR 1-48 REC.	TR 48-96 HT.	TR 48-96 REC.
1		7513	9036			20	67	1	4410	S	11	T26 → Sp7+2	1	File #9020 → 9032 Daily ECS5 Inline offset 0935 File #9033 → 9035 TTB		shot below		25&20
2			9037			20	67	2			15	T22 → Sp8+2						
3			9038			10	36	3550		N	21	T16 → Sp9+4		offset Inline 0950		shot ~~below~~		@ 22

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18 | DATE: MO 4 DAY 4 YR 78

PARTY NO: 1182 | INST. ENG:

INSTRUMENT (9-TRACK): ☒ 1 SYSTEM ☐ 2 SYSTEMS | ☒ 1-24 & 25-48 ☐ 1-48 & 49-96 | ODDS ☒ EVENS | TYPE: ☐ DFS III ☐ DFS IV ☒ DFS V ☐ OTHER | ☒ 9 TRACK ☐ 21 TRACK | FORMAT: SEG B | ☒ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☒ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☒ DEC. ☐ OCT. | GAIN CONSTANT: 36 db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: 1-48 | DATA CHANNEL NOS.: 1-48 (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.:

PARAMETER: RECORD LENGTH: 3 sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☒ 2 ms. ☐ ms. | GAIN MODE: ☒ FP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: FREQ. 8 LO CUT HZ SLOPE 18 | FREQ. 125 HI CUT HZ SLOPE 72 | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY: MODE: ☒ AGC ☐ FLOAT ☐ AMPLIFIER ☐ DEFLOAT ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: 0 db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE } NUMBERS ON MAG. TAPE | ☐ DOWNBREAK ☐ UPBREAK } ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: Inline | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: 1 pop/hole | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

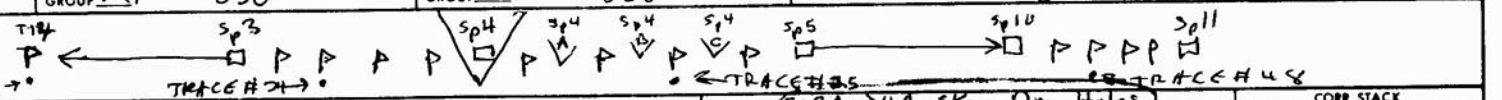
RECEIVER: TYPE: GSC-20 D | PATTERN: Inline | NO. OF ELEMENTS: 14 | INLINE SPACING: 18 | LATERAL SPACING:

CONNECTION: series-parallel | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 48 | GROUP INTERVAL: 2201 | SHOTPOINT INTERVAL: 220 | FOLD: 24 | DIRECTION OF PROGRESSION: N to S

OFFSET GROUP 1: 5610 | OFFSET GROUP 24: 550 | OFFSET GROUP 25: 550 | OFFSET GROUP 48/96: 5610 | LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION:



SHOTPOINT INC.	TR. ____ to ____ REEL NO.	REC.	TR ____ to ____ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	SPREAD LINE GROUPS	SET UP	REMARKS (Sp3A → 4A SKip Dry Holes File # 9039 → 9085 No good)	CORR. STACK TR 1-48 HT.	TR 1-48 REC.	TR 48-96 HT.	TR 48-96 REC.
4B	7,5,1,7,3,8	9,0,8,6		9,0,8,9			4			25	T12 → Sp10+4	1			1213		
4C		9,0,9,0		9,0,9,3			5			26	T11 → 11+1						
5		9,0,9,4		9,0,9,7			6			27	T10 → 11+2				1223		
5A		9,0,9,8		9,1,0,1			7			28	T9 → 11+3						
5B		9,1,0,2		9,1,0,5			8			29	T8 → 11+4						
5C		9,1,0,8		9,1,1,0			9			30	T7 → 12+1		File # 9106, 9107 NG				
6		9,1,1,4		9,1,1,7			10			31	T6 → 12+2		File # 9111, 9112, 9113 NG		1236		
6A		9,1,1,8		9,1,2,1			11			32	T5 → 12+3						
6B		9,1,2,4	9,1,2,6 9,1,2,7	9,1,2,8			12			33	T4 → 12+4		File # 9122, 9123, 9125 NG				
6C		9,1,2,9		9,1,3,2			13			34	T3 → 13+1						
7		9,1,3,8	9,1,4,1 9,1,4,3	9,1,4,4			14			35	T2 → 13+2		File # 9133 → 9137, 9139, 9140 NG				
7A		9,1,4,8		9,1,5,0			15			36	T1 → 13+3						
7B		9,1,5,0	9,1,5,1 9,1,5,2	9,1,5,4			16			37	Sp1+1 → Sp13+4		File # 9149, 9153 NG				
7C	7,5,1,7,3,4	9,2,1,8	→	9,2,2,1			17	55	S	38	Sp1+2 → Sp14+1		File # 9155, 9156, 9157, 9158, 9159, 9166 NG				
8		9,2,2,2		9,2,2,5			18	55	S	39	1+3 → 14+2		Files 9161 → 9216 (No Good)		1824		
8A		9,2,2,6	9,2,2,9 9,2,3,2	9,2,3,3			19			40	1+4 → 14+3		File # 9217 Dummy rec File # 1227, 1228, 1230, 1231 NG				
8B		9,2,3,4	9,2,3,6 9,2,3,7	9,2,4,0			20			41	2+1 → 14+4		Files 9235, 9238, 9239 NG				
8C		9,2,4,6	9,2,4,7 9,2,4,8	9,2,4,9			21			42	2+2 → 15+1		File # 9241 → 9245 NG				
9		9,2,5,0	9,2,5,1 9,2,5,2	9,2,5,4			22			43	2+3 → 15+2		File # 9263 NG				
9A		9,2,5,9	9,2,6,1 9,2,6,2	9,2,6,4			23			44	2+4 → 15+3		File # 9255-9258, 9260, 9263 NG				

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area - Alaska | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 5 YR 78

INSTRUMENT (9-TRACK): ☒ 1 SYSTEM ☐ 2 SYSTEMS | ☒ 1-24 & 25-48 ☐ 1-48 & 49-96 | ☒ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☒ DFS V ☐ OTHER | ☒ 9 TRACK ☐ 21 TRACK | FORMAT: SEG B | ☒ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☒ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☒ DEC. ☐ OCT. (1) (2) (3) (4) | GAIN CONSTANT: 36 db (5) | INPUT IMPEDANCE: ohms. (6) (7)

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: 1 - 48 | DATA CHANNEL NOS.: 1 - 48 (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.:

PARAMETER: RECORD LENGTH: 3 sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☒ 2 ms. ☐ ms. | GAIN MODE: ☐ INITIAL ☐ MANUAL ☒ IFP ☐ FINAL ☐ OPERATE | FILTERS: FREQ. 8 LO CUT HZ SLOPE 18 | FREQ. 128 HI CUT HZ SLOPE 70 | NOTCH FILTER: ☐ IN ☒ OUT

DISPLAY: MODE: ☒ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: 6 db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE | NUMBERS ON ☐ ON MAG. TAPE ☐ DOWNBREAK ☐ UPBREAK ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: Inline | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: 4 lbs/hole | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: GSC-200 | PATTERN: Inline | NO. OF ELEMENTS: 18 | INLINE SPACING: 18 | LATERAL SPACING:

CONNECTION: Series - Parallel | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 48 | GROUP INTERVAL: 220' | SHOTPOINT INTERVAL: 220' | FOLD: 24 | DIRECTION OF PROGRESSION: N to S

OFFSET GROUP 1: 5610' | OFFSET GROUP 24: 550' | OFFSET GROUP 25: 550' | OFFSET GROUP 48: 5610' | LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	RPT	TR 1 to 48 REEL NO.	REC.	TR to REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	SPREAD LINE GROUPS 48	SET UP	REMARKS: File # 9265 → 9277 Daily tests File #9278	CORR. STACK TR 1-48 HT.	REC.	TR 48-96 HT.	REC.
9	B	7,517,734	9,279	8,284,284	8,285			1			21	3+1 → 15+4	1	File # 9280, 9281 9283 NG 0847				
9	C	9,287 →	9,290					2			22	3+2 → 16+1		File #				
10		9,291	9,294					3			23	3+3 → 16+2		0900				
10	A	9,295	9,298					4			24	3+4 → 16+3						
10	B	9,299	9,302					5			25	4+1 → 16+4						
10	C	9,303	9,309	9,306	8,305			6			26	4+2 → 17+1		File # 9306, 9307, 9308 NG				
11		9,310	9,313					7			27	4+3 → 17+2						
11	A	9,317	9,320					8			28	4+4 → 17+3		9314, 9315, 9316 NG				
11	B	9,327	9,330					9			29	5+1 → 17+4		9321 → 9324 NG 9325, 9326 NG				
11	C	9,331	9,334					10			30	5+2 → 18+1						
12		9,335	9,338	9,336	9,337			11			31	5+3 → 18+2		9338 → 9341 NG 0943				
12	A	9,344	9,347					12			32	5+4 → 18+3		9343 NG				
12	B	9,351	9,355	9,353 →	9,355			13			33	6+1 → 18+4		9348, 9349, 9350, 9352 NG				
12	C	9,362 →	9,365					14			34	6+2 → 19+1						
13		9,374	9,377	9,371 →	9,377			15			35	6+3 → 19+2		9366 → 9373, 9375, 9376 NG 0958				
13	A	9,383	9,386					16			36	6+4 → 19+3		9380, 9381, 9382 NG				
13	B	9,388	9,391					17			37	7+1 → 19+4		9387				
13	C	9,392	9,395					18			38	7+2 → 20+1						
14		9,396	9,402	9,398	9,401			19			39	7+3 → 20+2		9398, 9399, 9400 NG.				
14	A	9,403	9,411	9,407	9,410			20			40	7+4 → 20+3		9404 → 9406, 9408 NG				

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 5 YR 78

INSTRUMENT (9-TRACK): ☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS IX ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.:

(1) (2) (3) (4) (5) (6) (7)

PARAMETER: RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ IFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: FREQ. LO CUT HZ SLOPE FREQ. HI CUT HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY: MODE: ☐ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE | NUMBERS ON MAG. TAPE ☐ DOWNBREAK ☐ UPBREAK ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION: N to S

OFFSET GROUP 1: | OFFSET GROUP____: | OFFSET GROUP____: | OFFSET GROUP 48/96: | LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	RPT.	TR. 1 to 48 REEL NO.	REC.	TR ____ to ____ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	SPREAD LINE GROUPS 48	SET UP	REMARKS:	CORR. STACK TR 1-48 HY.	TR 1-48 REC.	TR 48-96 HY.	TR 48-96 REC.
1 5/6		7 12	13 16	17 22	23 26	27 29	30 32		35 37									
1H	B	7,5,1,7,3,4	9,4,1,6	9,4,1,9 →	9,4,2,1			21			41	8+1 → 20+4	1	File# 9412 → 9415, 9417, 9418				
1H	C	7,5,1,7,3,5	9,4,2,4	→	9,4,2,7			22			42	8+2 → 21+1		File# 9422 Dummy Rec 9423 NG				
1,5			9,4,2,8		9,4,3,1			23			43	8+3 → 21+2		1103				
1,5	A		9,4,3,2		9,4,3,5			24			44	8+4 → 21+3						
1,5	B		9,4,3,7		9,4,4,0			25			45	9+1 → 21+4		9436 NG				
1,5	C		9,4,4,3		9,4,4,6			26			46	9+2 → 22+1		9441, 9442 N.G.				
1,6			9,4,4,8		9,4,5,1			27			47	9+3 → 22+2		9447, [redacted] N.G. 1119				
1,6	A		9,4,5,2		9,4,5,5			28			48	9+4 → 22+3						
1,6	B		9,4,5,6		9,4,5,9			29			49	10+1 → 22+4						
1,6	C		9,4,6,0		9,4,6,3			30			50	10+2 → 23+1						
1,7			9,4,6,4		9,4,6,7			31			51	10+3 → 23+2		1133				
1,7	A		9,4,6,8		9,4,7,1			32			52	10+4 → 23+3						
1,7	B		9,4,7,3		9,4,7,6			33			53	11+1 → 23+4		9472 NG				
1,7	C		9,4,7,7		9,4,8,0			34			54	11+2 → 24+1						
1,8			9,4,8,2		9,4,8,5			35			55	11+3 → 24+2		9481 NG 1150				
1,8	A		9,4,8,6		9,4,8,9			36			56	11+4 → 24+3						
1,8	B		9,4,9,1	9,4,9,3,9,4,9,7	9,4,9,9			37			57	12+1 → 24+4		File# 9490, 9492, 9494 → 9497 NG				
1,8	C		9,5,0,1		9,5,0,4			38			58	12+2 → 25+1						
1,9			9,5,0,5		9,5,0,8			39			59	12+3 → 25+2		1206				
1,9	A		9,5,0,9		9,5,1,2			40			60	12+4 → 25+3						

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area - Alaska | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 5 YR 78

INSTRUMENT (9-TRACK): ☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.: (1) (2) (3) (4) (5) (6) (7)

PARAMETER: RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ IFP ☐ FINAL ☐ OPERATE | FILTERS: FREQ. LO CUT HZ SLOPE | FREQ. HI CUT HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY: MODE: ☐ AGC ☐ FLOAT ☐ AMPLIFIER ☐ DEFLOAT ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE | NUMBERS ON ON MAG. TAPE ☐ DOWNBREAK ☐ UPBREAK | ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:

OFFSET GROUP 1: | OFFSET GROUP____: | OFFSET GROUP____: | OFFSET GROUP 48/96: | LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR. 1 to 45 REEL NO.	REC. (STACK)	TR ____ to ____ REEL NO.	REC. (STACK)	SHOT SIZE	SHOT DEPTH	SHOT NO.	SHOT OFFSET	SHOT DIR.	SPREAD CDP SWITCH	SPREAD LINE GROUPS	SPREAD SET UP	REMARKS:	CORR. STACK TR 1-48 HY.	CORR. STACK TR 1-48 REC.	CORR. STACK TR 48-96 HY.	CORR. STACK TR 48-96 REC.
19B	7511735	9518 13		9516			41			61	13+1 → 25+4	1	F.l. # 9517 NG				
19C		9518		9521			42			62	13+2 → 26+1						
20		9522		9525			43			63	13+3 → 26+2		1223				
20A		9526		9529			44			64	13+4 → 26+3						
20B		9530		9533			45			65	14+1 → 26+4						
20C		9534		9537			46			66	14+2 → 27+1						
21		9538		9541			47			67	14+3 → 27+2		1237				
21A		9542		9545			48			68	14+4 → 27+3						
21B		9546		9549			49			69	15+1 → 27+4						
21C		9550		9553			50			70	15+2 → 28+1						
22		9554		9557			51			71	15+3 → 28+2		1251				
22A		9558		9561			52			72	15+4 → 28+3						
22B		9562		9565			53			73	16+1 → 28+4						
22C		9566		9569			54			74	16+2 → 29+1						
23		9570		9573			56			75	16+3 → 29+2		1304				
23A		9574		9577			57			76	16+4 → 29+3						
23B		9578		9581			58			77	17+1 → 28+4						
23C		9583		9586			59			78	17+2 → 30+1		9582 NG				
24		9587		9590			60			7	17+3 → 30+2	2	Move Up				
24A		9594		9597			61			8	17+4 → 30+3		9591, 9592 & 9593 NG				

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area - Alaska | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 5 YR 78

INSTRUMENT (9-TRACK): ☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.: (1) (2) (3) (4) (5) (6) (7)

PARAMETER: RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ IFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: FREQ. LO CUT HZ SLOPE FREQ. HI CUT HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY: MODE: ☐ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE } NUMBERS ON MAG. TAPE ☐ DOWNBREAK ☐ UPBREAK } ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:

OFFSET GROUP 1: | OFFSET GROUP____: | OFFSET GROUP____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR. 1 to 48 REEL NO.	REC.	TR ____ to ____ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	SPREAD CDP SWITCH	LINE GROUPS	SET UP	REMARKS	CORR. STACK TR 1-48 HT.	TR 1-48 REC.	TR 48-96 HT.	TR 48-96 REC.
24B	7,5,1,7,3,1	9,6,0,5		9,6,0,1			62			9	18+1 → 30+4	2					
24C		9,6,0,2		9,6,0,5			63			10	18+2 → 31+1						
25		9,6,0,6		9,6,0,9			64			11	18+3 → 31+2		1400				
25A		9,6,1,1		9,6,1,4			65			12	18+4 → 31+3		9610 N.G. misfire				
25B		9,6,1,5		9,6,1,8			66			13	19+1 → 31+4						
25C	7,5,1,7,3,6	9,6,2,0		9,6,2,3			67			14	19+2 → 32+1		File# 9617 Dummy Record				
26		9,6,2,4		9,6,2,7			68			15	19+3 → 32+2		1416				
26A		9,6,2,8		9,6,3,1			69			16	19+4 → 32+3						
26B		9,6,3,2		9,6,3,5			70			17	20+1 → 32+4						
26C		9,6,3,6		9,6,3,9			71			18	20+2 → 33+1						
27		9,6,4,0		9,6,4,3			72			19	20+3 → 33+2		1429				
27A		9,6,4,4		9,6,4,7			73			20	20+4 → 33+3						
27B		9,6,4,8		9,6,5,1			74			21	21+1 → 33+4						
27C		9,6,5,2		9,6,5,5			75			22	21+2 → 34+1						
28		9,6,5,6		9,6,5,9			76			23	21+3 → 34+2		1447				
28A		9,6,6,0		9,6,6,3			77			24	21+4 → 34+3						
28B		9,6,6,5	9669 →	9,6,7,1			78			25	22+1 → 34+4		File # 9664, 9666, 9667, 5688 NG				
28C		9672		9,6,7,5			79			26	22+2 → 35+1						
29		9,6,7,6		9,6,7,9			80			27	22+3 → 35+2		1317				
29A		9,6,8,0	→	9,6,8,2 9,6,8,8			81			28	22+4 → 35+3		File #9683 → 9687 NG				

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area - Alaska | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 5 YR 78

INSTRUMENT (9-TRACK)
☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☒ DFS V ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE)
FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.: (1) (2) (3) (4) (5) (6) (7)

PARAMETER
RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ IFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: FREQ. LO CUT HZ SLOPE | FREQ. HI CUT HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY
MODE: ☐ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE } NUMBERS ON MAG. TAPE | ☐ DOWNBREAK ☐ UPBREAK } ON DISPLAY

CFS I
TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM/ALT SW.

SOURCE
TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☐ OTHER | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:
CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER
TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:
CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD
NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:
OFFSET GROUP 1: | OFFSET GROUP____: | OFFSET GROUP____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR. 1 to 48 REEL NO.	TR. 1 to 48 REC.	TR ____ to ____ REEL NO.	TR ____ to ____ REC.	SHOT SIZE	SHOT DEPTH	SHOT NO.	SHOT OFFSET	SHOT DIR.	CDP SWITCH	SPREAD LINE GROUPS 1 48	SET UP	REMARKS	CORR. STACK TR 1-48 HT.	CORR. STACK TR 1-48 REC.	CORR. STACK TR 49-96 HT.	CORR. STACK TR 49-96 REC.
29 C	7517	9,736		9,693			8,2			29	23+1 → 35+4	2	Flt# 9689 misfire				
29 C		9,694		9,697			8,3			30	23+2 → 36+1						
30		9,701		9,704			8,4			31	23+3 → 36+2		9698, 9699 NG 1534				
30 A		9,705		9,708			85			32	23+4 → 36+3						
30 B		9,710		9,713			86			33	24+1 → 36+4		9709 NG				
30 C		9,714		9,717			87			34	24+2 → 37+1						
31		9,718		9,721			8,8			35	24+3 → 37+2		1546				
31 A		9,722		9,725			89			36	24+4 → 37+3						
31 B		9,726	9730	9731 9,731			9,0			37	25+1 → 37+4		9727, 9728, 9729 NG				
31 C		9736		9,739			9,1			38	25+2 → 38+1		9733, 9734, 9735 NG				
32		9,740		9,743			9,2			39	25+3 → 38+2		1602				
32 A		9,744		9,747			93			40	25+4 → 38+3						
32 B		9,750		9,753			9,4			41	26+1 → 38+4		9748, 9749				
32 C		9,754		9,757			9,5			42	26+2 → 39+1						
33		9,760		9,763			9,6			43	26+3 → 39+2		9758, 9759 → 9763 NG 1614				
33 A		9,770	9,7	7 8 9,779			9,7			44	26+4 → 39+3		9768, 9769, 9771 → 9777, 9780 → 9794 NG.				
33 B		9,784		9,801			9,8			45	27+1 → 39+4		9796, 9797 NG				
33 C		9,802		9,805			9,9			46	27+2 → 40+1						
34		9,806		9,809			10,0			47	27+3 → 40+2						
34 A		9,810		9,813			10,1			48	27+4 → 40+3						

LAND SEISMIC RECORDING LOG

Page 6

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area - Alaska | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 5 YR 78

INSTRUMENT (9-TRACK): ☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC ☐ OCT | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: (1) (2) (3) (4) (5) (6) (7) | AUXILIARY CHANNEL NOS.:

PARAMETER: RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ IFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: LO CUT FREQ. HZ SLOPE | HI CUT FREQ. HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY: MODE: ☐ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE } NUMBERS ON MAG. TAPE | ☐ DOWNBREAK ☐ UPBREAK } ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☐ OTHER | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:

OFFSET GROUP 1: | OFFSET GROUP____: | OFFSET GROUP____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	RPT.	TR. 1 to 48 REEL NO.	REC.	TR ____ to ____ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	SPREAD CDP SWITCH	LINE GROUPS	SET UP	REMARKS:	CORR. STACK TR 1-48 HT.	TR 1-48 REC.	TR 48-96 HT.	TR 48-96 REC.
34	B	7511736	9811		9817			1	02		49	28+1 → 40+4						
34	C	9811737	9828		9834			1	03		50	28+2 → 41+1		File # 9818 Dummy File # 9819, 9820 NG.				
35			9825		9828			1	04		51	28+3 → 41+2		1724				
35	A		9829		9832			1	05		52	28+4 → 42+3						
35	B		9833		9836			1	06		53	29+1 → 42+4						
35	C		9837		9840			1	07		54	29+2 → 43+1						
36			9841		9844			1	08		55	29+3 → 43+2		1744				
36	A		9845		9848			1	09		56	29+4 → 43+3						
36	B		9849		9852			1	10		57	30+1 → 44+4						
36	C		9853		9856			1	11		58	30+2 → 45+1						
37			9857		9860			1	12		59	30+3 → 45+2		1756				
37	A		9861		9864			1	13		60	30+4 → 45+3						
37	B		9865		9868			1	14		61	31+1 → 45+4						
37	C		9869		9872			1	15		62	31+2 → 46+1						
38			9873		9876			1	16		63	31+3 → 46+2		1809				
38	A		9877		9880			1	17		64	31+4 → 46+3		File # 9881 NG				
38	B		9883		9886			1	18		65	32+1 → 46+4		File # 9882 NG				
38	C		9887		9890			1	19		66	32+2 → 47+1						
39			9891		9894			1	20		67	32+3 → 47+2		1821				
39	A		9895		9898			1	21		68	32+4 → 47+3						

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area - Alaska | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 5 YR 78

INSTRUMENT (9-TRACK): ☒ 1 SYSTEM ☐ 2 SYSTEMS | ☒ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS V ☐ DFS IV ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.: | (1) (2) (3) (4) (5) (6) (7)

PARAMETER: RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ IFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: FREQ. LO CUT HZ SLOPE FREQ. HI CUT HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY: MODE: ☐ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE } NUMBERS ON MAG. TAPE | ☐ DOWNBREAK ☐ UPBREAK } ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM/ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☐ OTHER | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:

OFFSET GROUP 1: | OFFSET GROUP____: | OFFSET GROUP____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR. 1 to 48 REEL NO.	REC.	TR ____ to ____ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	SPREAD CDP SWITCH	1 LINE GROUPS 48	SET UP	REMARKS:	CORR. STACK TR 1-48 HT.	REC.	TR 48-96 HT.	REC.
38B	7,512,317	9899		9910,2			1,22			69	33+1 → 45+4	2					
39C		9903		9906			1,23			70	33+2 → 46+1						
40		9907		9910			1,24			71	33+3 → 46+2		9911 NG 1834				
40A		9912		9915			1,25			72	33+4 → 46+3						
40B		9916		9919			1,26			73	34+1 → 46+4						
40C		9920		9923			1,27			74	34+2 → 47+1						
41		9924		9927			1,28			5	34+3 → 47+2	3	Move Up 1904				
41A		9928		9931			1,29			4	34+4 → 47+3						
41B		9932		9935			1,30			5	35+1 → 47+4						
41C		9936		9939			1,31			6	35+2 → 48+1						
42		9940		9943			1,32			7	35+3 → 48+2		1919				
42A		9944		9947			1,33			8	35+4 → 48+3						
42B		9950		9953			1,34			9	36+1 → 48+4		9948, 9949 NG				
42C		9955 →	9957	9958			1,35			10	36+2 → 49+1		9954 NG 9958 NG				
43		9960	9962 →	9964			1,36			11	36+3 → 48+2		File # 9961 NG 1932				
43A		9966		9969			1,37			12	36+4 → 49+3		# 9965 NG				
43B		9970		9973			1,38			13	37+1 → 49+4						
43C		9974		9977			1,39			14	37+2 → 50+1						
44		9978		9981			1,40			15	37+3 → 50+2		1944				
44A		9982		9985			1,41			16	37+4 → 50+3						

LAND SEISMIC RECORDING LOG

18 SLP Page 8

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area - Alaska | LINE NO: B-H

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 5 YR 78

INSTRUMENT (9-TRACK)

☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE)

FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | (1) (2) (3) (4) (5) (6) (7)

AUXILIARY DATA: | AUXILIARY CHANNEL NOS.:

PARAMETER

RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ IFP ☐ FINAL ☐ OPERATE | FILTERS: LO CUT FREQ. HZ SLOPE | HI CUT FREQ. HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY

MODE: ☐ FLOAT ☐ AMPLIFIER ☐ AGC ☐ DEFLOAT ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE } NUMBERS ON MAG. TAPE | ☐ DOWNBREAK ☐ UPBREAK } ON DISPLAY

CFS I

TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM/ALT SW.

SOURCE

TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☐ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER

TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD

NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:

OFFSET GROUP 1: | OFFSET GROUP ____: | OFFSET GROUP ____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	RPT.	TR. 1 to 48 REEL NO.	TR. 1 to 48 REC.	TR ____ to ____ REEL NO.	TR ____ to ____ REC.	SHOT SIZE	SHOT DEPTH	SHOT NO.	SHOT OFFSET	SHOT DIR.	SPREAD CDP SWITCH	SPREAD LINE GROUPS 48	SPREAD SET UP	REMARKS	CORR. STACK TR 1-48 HI	CORR. STACK TR 1-48 REC.	CORR. STACK TR 48-96 HI	CORR. STACK TR 48-96 REC.
44	B	75173	1888	17 → 22	23 9989		30 32 1	42	35 37		17	38+1 → 50+4	3					
44	C		9990		9993		1	43			18	38+2 → 51+1						
45			9989		9897		1	44			19	38+3 → 51+2		2061				
45	A		9998	→	0002		1	45			20	38+4 → 51+3						
45	B		3		6		1	46			21	39+1 → 51+4						
45	C		7		10		1	47			22	39+2 → 52+1						
46			11		14		1	48			23	39+3 → 52+2		2011				
46	A		15	→	18		1	49			24	40+1 → 52+3						

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area - Alaska | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 6 YR 78

INSTRUMENT (9-TRACK): ☒ 1 SYSTEM ☐ 2 SYSTEMS | ☒ 1-24 & 25-48 ☐ 1-48 & 49-96 | ☒ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☒ DFS V ☐ OTHER | ☒ 9 TRACK ☐ 21 TRACK | FORMAT: SEG B | ☒ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☒ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☒ DEC. ☐ OCT. | GAIN CONSTANT: 36 db | INPUT IMPEDANCE: ohms

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: 1-48 | DATA CHANNEL NOS.: 1-48 (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.: (1) (2) (3) (4) (5) (6) (7)

PARAMETER: RECORD LENGTH: 3 sec. | SAMPLE RATE: ☐ 1 ms. ☒ 2 ms. ☐ 4 ms. ☐ ms. | GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ FIXED ☐ FINAL ☐ OPERATE | FILTERS: FREQ. 8 LO CUT HZ SLOPE 18. | FREQ. 128 HI CUT HZ SLOPE | NOTCH FILTER: ☐ IN ☒ OUT

DISPLAY: MODE: ☒ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: 0 db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE | NUMBERS ON MAG. TAPE: ☐ DOWNBREAK ☐ UPBREAK ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: Inline | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: 4 pops/hole | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

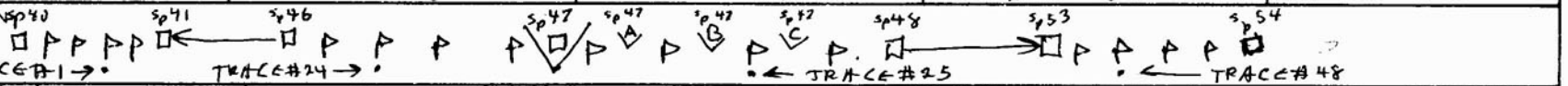
RECEIVER: TYPE: GSC-20D | PATTERN: [redacted] Inline | NO. OF ELEMENTS: 18 | INLINE SPACING: 18 | LATERAL SPACING:

CONNECTION: series - parallel | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 48 | GROUP INTERVAL: 220' | SHOTPOINT INTERVAL: 220' | FOLD: 24 | DIRECTION OF PROGRESSION: N to S

OFFSET GROUP 1: 5610 | OFFSET GROUP 24: 550' | OFFSET GROUP 25: 550' | OFFSET GROUP 48/[redacted]: 5610' | LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION



SHOTPOINT	TR. 1 to 48 REEL NO.	REC.	TR. ____ to ____ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	SPREAD 1 LINE GROUPS 24	SET UP	REMARKS: File #19 Dummy Record; File #20→33 Daily Tests	CORR. STACK TR 1-48 HT.	REC.	TR 49-96 HT.	REC.
46B	95173	3,4		3,7			1			2 [redacted]	40+[redacted] → 53+[redacted]		~~Sp40+2→53+1~~ COP ERROR set for 46C				
46C		3,8		4,1			2			2	40+2 → 53+1						
47		4,2		4,5			3			3	40+3 → 53+2		0800				
47A		4,6		4,9			4			4	40+4 → 53+3						
47B		5,0		5,3			5			5	41+1 → 53+4						
47C		5,4		5,7			6			6	41+2 → 54+1						
48		5,8		6,1			7			7	41+3 → 54+2		0813				
48A		6,2		6,5			8			8	41+4 → 54+3						
48B		6,6		6,9			9			9	42+1 → 54+4						
48C		7,0		7,3			10			10	42+2 → 55+1						
49		7,4		7,7			11			11	42+3 → 55+2		0826				
49A		7,8		8,1			12			12	42+4 → 55+3						
49B		8,2		8,5			13			13	43+1 → 55+4						
49C		8,6		8,9			14			14	43+2 → 56+1						
50		9,0		9,3			15			15	43+3 → 56+2		0838				
50A		9,4		9,7			16			16	43+4 → 56+3						
50B		9,8		10,1			17			17	44+1 → 56+4						
50C		10,2		10,5			18			18	44+2 → 57+1						
51		10,6		10,9			19			19	44+3 → 57+2		0851				
51A		11,0		11,3			20			20	44+4 → 57+3						

External time break from Uphole phone

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 6 YR 78

INSTRUMENT (9-TRACK): ☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | (1) (2) (3) (4) (5) (6) (7) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.:

PARAMETER: RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ IFP ☐ FINAL ☐ OPERATE | FILTERS: FREQ. LO CUT HZ SLOPE | FREQ. HI CUT HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY: MODE: ☐ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE | NUMBERS ON MAG. TAPE: ☐ DOWNBREAK ☐ UPBREAK | ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☐ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:

OFFSET GROUP 1: | OFFSET GROUP ____: | OFFSET GROUP ____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	INC.	TR. 1 to 48 REEL NO.	TR. 1 to 48 REC.	TR ____ to ____ REEL NO.	TR ____ to ____ REC.	SHOT SIZE	SHOT DEPTH	SHOT NO.	SHOT OFFSET	SHOT DIR.	SPREAD CDP SWITCH	SPREAD LINE GROUPS	SPREAD SET UP	REMARKS	CORR. STACK TR 1-48 HI.	CORR. STACK TR 1-48 REC.	CORR. STACK TR 48-96 HI.	CORR. STACK TR 48-96 REC.
5 | 5	C	7517381	1114		1117			21			21	45+1 → 57+4	1					
5 | 1	C		1118		1121			22			22	45+2 → 58+1						
5 | 2			1122		1125			23			23	45+3 → 58+2		0901				
5 | 2	A		1126		1129			24			24	45+4 → 58+3						
5 | 2	B		1130		1133			25			25	46+1 → 58+4						
5 | 2	C		1134		1137			26			26	46+2 → 59+1						
5 | 3			1138		1141			27			27	46+3 → 59+2		0917				
5 | 3	A		1142		1145			28			28	46+4 → 59+3						
5 | 3	B		1146		1149			29			29	47+1 → 59+4						
5 | 3	C		1150		1153			30			30	47+2 → 60+1						
5 | 4			1154		1157			31			31	47+3 → 60+2		0928				
5 | 4	A		1158		1161			32			32	47+4 → 60+3						
5 | 4	B		1162		1165			33			33	48+1 → 60+4						
5 | 4	C		1166		1169			34			34	48+2 → 61+1						
5 | 5			1170		1173			35			35	48+3 → 61+2		0938				
5 | 5	A		1174		1177			36			36	48+4 → 61+3						
5 | 5	B		1178		1181			37			37	49+1 → 61+4						
5 | 5	C		1182		1185			38			38	49+2 → 62+1						
5 | 6			1186		1189			39			39	49+3 → 62+2		0950				
5 | 6	A		1190		1193			40			40	49+4 → 62+3						

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 6 YR 78

INSTRUMENT (9-TRACK)

☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS IX ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE)

FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: (1) (2) (3) (4) (5) (6) (7) | AUXILIARY CHANNEL NOS.:

PARAMETER

RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ IFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: FREQ. LO CUT HZ SLOPE | FREQ. HI CUT HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY

MODE: ☐ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE } NUMBERS ON MAG. TAPE | ☐ DOWNBREAK ☐ UPBREAK } ON DISPLAY

CFS I

TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM/ALT SW.

SOURCE

TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER

TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD

NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:

OFFSET GROUP 1: | OFFSET GROUP____: | OFFSET GROUP____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	INT.	TR. 1 to 45 REEL NO.	REC.	TR ____ to ____ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	SPREAD CDP SWITCH	LINE GROUPS	SET UP	REMARKS:	CORR. STACK TR 1-48 HT.	TR 1-48 REC.	TR 48-96 HT.	TR 48-96 REC.
56	B	7511713858	0219		1197			41			41	50+1 → 62+4	1					
56	C		1198		2001			42			42	50+2 → 63+1						
57			2002		2005			43			43	51+3 → 63+2		1004				
57	A		2006		2009			44			44	50+4 → 63+3						
57	B		2010		2013			45			45	51+1 → 63+4						
57	C		2014		2017			46			46	51+2 → 64+1						
58			2018		2021			47			47	51+3 → 64+2		1015				
58	A		2022		2025			48			48	51+4 → 64+3						
58	B	7511713939	2027		2030			49			49	52+1 → 64+4		File # 226 Dummy Record				
58	C		2031		2034			50			50	52+2 → 65+1						
59			2035		2038			51			51	52+3 → 65+2		1029				
59	A		2039		2042			52			52	52+4 → 65+3						
59	B		2043		2046			53			53	53+1 → 65+4						
59	C		2047		2050			54			54	53+2 → 66+1						
60			2051		2054			56			55	53+3 → 66+2						
60	A		2055		2058			56			56	53+4 → 66+3						
60	B		2059		2062			57			57	54+1 → 66+4						
60	C		2063		2066			58			58	54+2 → 67+1						
61			2067		2070			59			59	54+3 → 67+2		1053				
61	A		2072		2075			60			60	54+4 → 67+3		File # 271 NG				

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 6 YR 78

INSTRUMENT (9-TRACK): ☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.: (1) (2) (3) (4) (5) (6) (7)

PARAMETER: RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ IFP ☐ FINAL ☐ OPERATE | FILTERS: LO CUT FREQ. HZ SLOPE; HI CUT FREQ. HZ SLOPE; NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY: MODE: ☐ FLOAT ☐ AMPLIFIER ☐ AGC ☐ DEFLOAT ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE | NUMBERS ON MAG. TAPE: ☐ DOWNBREAK ☐ UPBREAK | ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☐ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:

OFFSET GROUP 1: | OFFSET GROUP ____: | OFFSET GROUP ____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	INC.	TR. ____ to ____ REEL NO.	REC.	TR ____ to ____ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	SPREAD CDP SWITCH	LINE GROUPS	SET UP	REMARKS:	CORR. STACK TR 1-48 HT.	TR 1-48 REC.	TR 48-96 HT.	TR 48-96 REC.
61	B	7,5,1,7,3,9	2816		2779			61			61	55+1 → 67+4	1					
61	C		2850		2783			62			62	55+2 → 68+1						
62			2884		2887			63			63	55+3 → 68+2		1104				
62	A		2888		2891			64			64	55+4 → 68+3						
62	B		2972		2975			65			65	56+1 → 68+4						
62	C		2976		2979			66			66	56+2 → 69+1						
63			3000		3013			67			67	56+3 → 69+2		1117				
63	A		3004		3007			68			68	56+4 → 69+3						
63	B		3088		3111			69			69	57+1 → 69+4						
63	C		3112		3115			70			70	57+2 → 70+1						
64			3136		3119			71			71	57+3 → 70+2		1129				
64	A		3210		3213			72			72	57+4 → 70+3						
64	B		3214	3215 3217	3218			73			73	58+1 → 70+4		File # 326 NG				
64	C		3219		3312			74			74	58+2 → 71+1						
65			3333		3336			75			75	58+3 → 71+2						
65	A		3337		3340			76			76	58+4 → 71+3						
65	B		3341		3344			77			77	59+1 → 71+4						
65	C		3345		3348			78			6	59+2 → 72+1	2	Move Up				
66			3349		3352			79			7	59+3 → 72+2		1219				
66	A		3353		3356			80			8	59+4 → 72+3						

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18 | DATE: MO 4 DAY 6 YR 78

PARTY NO: 1182 | INST. ENG:

INSTRUMENT (9-TRACK): ☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. (1) (2) (3) (4) | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms (5) (6) (7)

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.:

PARAMETER: RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ IFP ☐ FINAL ☐ OPERATE | FILTERS: FREQ. LO CUT HZ SLOPE FREQ. HI CUT HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY: MODE: ☐ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE | NUMBERS ON MAG. TAPE ☐ DOWNBREAK ☐ UPBREAK | ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:

OFFSET GROUP 1: | OFFSET GROUP ____: | OFFSET GROUP ____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	RPT	TR. 1 to 58 REEL NO.	REC.	TR ____ to ____ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	SPREAD CDP SWITCH	LINE GROUPS	SET UP	REMARKS	CORR. STACK TR 1-48 HT.	TR 1-48 REC.	TR 49-96 HT.	TR 49-96 REC.
66	B	7511	3517		3760			81			9	60+1 → 72+4	2					
66	C		3761		3764			82			10	60+2 → 73+1						
67			3765		3768			83			11	60+3 → 73+2		1230				
67	A		3769		3772			84			12	60+4 → 73+3						
67	B		3773		3776			85			13	61+1 → 73+4						
67	C		3777		3810			86			14	61+2 → 74+1						
68			3811		3814			87			15	61+3 → 74+2		1243				
68	A		3815		3818			88			16	61+4 → 74+3						
68	B		3819		3822			89			17	62+1 → 74+4						
68	C		3823		3826			90			18	62+2 → 75+1						
69			3827		4010			91			19	62+3 → 75+2		75+2 Dead				
69	A		4002		4005			92			20	62+4 → 75+3		Flr #401 NG 7532 Dead				
69	B		4006		4009			93			21	63+1 → 75+4						
69	C		4013		4016			94			22	63+2 → 76+1		#10, 411, 413 N.G.				
70			4017		4021			95			23	63+3 → 76+2						
70	A		4022		4025			96			24	63+4 → 76+3						
70	B	7512	4027		4030			97			25	64+1 → 76+4		Flr #426 Dummy Rec.				
70	C		4033		4036			98			26	64+2 → 77+1		Flr # 431, 432 NG				
71			4037		4040			99			27	64+3 → 77+2						
71	A		4042		4045			100			28	64+4 → 77+3		Flr # 441 NG				

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-78

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 6 YR 78

INSTRUMENT (9-TRACK): ☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.: (1) (2) (3) (4) (5) (6) (7)

PARAMETER: RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ IFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: FREQ. LO CUT HZ SLOPE HI CUT FREQ. HZ SLOPE NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY: MODE: ☐ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE } NUMBERS ON MAG. TAPE ☐ DOWNBREAK ☐ UPBREAK } ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:

OFFSET GROUP 1: | OFFSET GROUP____: | OFFSET GROUP____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	INT.	TR. 1 to 45 REEL NO.	REC.	TR ____ to ____ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	SPREAD CDP SWITCH	LINE GROUPS	SET UP	REMARKS:	CORR. STACK TR 1-48 HT.	REC.	TR 48-96 HT.	REC.
71	B	75	1717	4416	4419			101			29	65+1 → 77+4	2					
71	C			4510	4513			102			30	65+2 → 78+1						
72				4514	4517			103			31	65+3 → 78+2		1346				
72	A			4518	4611			104			32	65+4 → 78+3						
72	B			4622	4625			105			33	66+1 → 78+4						
72	C			4626	4629			106			34	66+2 → 79+1						
73				4710	4713			107			35	66+3 → 79+2						
73	A			4714	4717			108			36	66+4 → 79+3						
73	B			4718	4821			109			37	67+1 → 79+4						
73	C			4822	4825			110			38	67+2 → 80+1						
74				4826	4829			111			39	67+3 → 80+2						
74	A			4910	4913			112			40	67+4 → 80+3						
74	B			4914	4917			113			41	68+1 → 80+4						
74	C			4918	5011			114			42	68+2 → 81+1						
75				5012	5015			115			43	68+3 → 81+2		1430				
75	A			5016	5019			116			44	68+4 → 81+3						
75	B			5110	5113			117			45	69+1 → 81+4						
75	C			5114	5117			118			46	69+2 → 82+1						
76				5118	5211			119			47	69+3 → 82+2		1443				
76	A			5213	5216			120			48	69+4 → 82+3		File # 522N6				

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 6 YR 78

INSTRUMENT (9-TRACK)

☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 | ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER ____ | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG ____ | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: ____ db | INPUT IMPEDANCE: ____ ohms

CONFIGURATION (MAG TAPE)

FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.:

PARAMETER

RECORD LENGTH: ____ sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ____ ms. | GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ IFP ☐ FINAL ☐ OPERATE | FILTERS: FREQ. ____ LO CUT HZ SLOPE ____ | FREQ. ____ HI CUT HZ SLOPE ____ | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY

MODE: ☐ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: ____ db | TRIP SENS: ____ db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE } NUMBERS ON ON MAG. TAPE ☐ DOWNBREAK ☐ UPBREAK } ON DISPLAY

CFS I

TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM/ALT SW.

SOURCE

TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER

TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD

NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:

OFFSET GROUP 1: | OFFSET GROUP ____: | OFFSET GROUP ____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	BP/E	TR. 1 to 48 REEL NO.	TR. 1 to 48 REC.	TR ____ to ____ REEL NO.	TR ____ to ____ REC.	SHOT SIZE	SHOT DEPTH	SHOT NO.	SHOT OFFSET	SHOT DIR.	SPREAD CDP SWITCH	SPREAD LINE GROUPS	SPREAD SET UP	REMARKS	CORR. STACK YR 1-48 HY.	CORR. STACK YR 1-48 REC.	CORR. STACK YR 49-96 HY.	CORR. STACK YR 49-96 REC.
1		7,515	7,516					1			49	70+1 → 82+4	2					
2			7,531					2			50	70+2 → 83+1						
3			7,535					2			51	70+3 → 83+2		1464				
4			7,539					2			52	70+4 → 83+3						
5			7,543					2			53	71+1 → 83+4						
6			7,547					2			54	71+2 → 84+1						
7			7,551					2			55	71+3 → 84+2		1506				
8			7,555					2			56	71+4 → 84+3						
9			7,559					2			57	72+1 → 84+4						
10			7,563					3			58	72+2 → 85+1						
11			7,567					3			59	72+3 → 85+2		1518				
12			7,571					3			60	72+4 → 85+3						
13			7,575					3			61	73+1 → 85+4						
14			7,579					3			62	73+2 → 86+1						
15			7,583					3			63	73+3 → 86+2		1529				
16			7,587					3			64	73+4 → 86+3						
17			7,591					3			65	74+1 → 86+4						
18			7,598					3			66	74+2 → 87+1						
19			7,599					3			67	74+3 → 87+2		1542				
19A			6,003					4			68	74+4 → 87+3						

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 6 YR 78

INSTRUMENT (9-TRACK)

☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 | ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE)

FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: (1) (2) (3) (4) (5) (6) (7) | AUXILIARY CHANNEL NOS.:

PARAMETER

RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ IFP ☐ FINAL ☐ OPERATE | FILTERS: LO CUT FREQ. HZ SLOPE | HI CUT FREQ. HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY

MODE: ☐ FLOAT ☐ AMPLIFIER ☐ AGC ☐ DEFLOAT ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE | NUMBERS ON MAG. TAPE ☐ DOWNBREAK ☐ UPBREAK ON DISPLAY

CFS I

TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE

TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER

TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD

NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:

OFFSET GROUP 1: | OFFSET GROUP ____: | OFFSET GROUP ____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR. 1 to 48 REEL NO.	TR. 1 to 48 REC.	TR ____ to ____ REEL NO.	TR ____ to ____ REC.	SHOT SIZE	SHOT DEPTH	SHOT NO.	SHOT OFFSET	DIR.	SPREAD CDP SWITCH	SPREAD LINE GROUPS 48	SPREAD SET UP	REMARKS	CORR. STACK TR 1-48 HT.	CORR. STACK TR 1-48 REC.	CORR. STACK TR 48-96 HT.	CORR. STACK TR 48-96 REC.
81B	7512410	6017		6110			41			69	75+1 → 87+4	2					
81C		6111		6114			42			70	75+2 → 88+1						
82		6115		6118			43			71	75+3 → 88+2						
82A		6119		6212			44			72	75+4 → 88+3						
82B		6123		6216			45			73	76+1 → 88+4						
82C	7512411	6258		6311			46			2	76+2 → 89+1	3	File # 627 Dummy Rec / Move Up				
83		6312		6315			47			3	76+3 → 89+2		78+4 shorted 1645				
83A		6316		6319			48			4	76+4 → 89+3						
83B		6410		6413			49			5	77+1 → 89+4						
83C		6414		6417			50			6	77+2 → 90+1						
84		6418		6511			51			7	77+3 → 90+2		1655				
84A		652		6515			52			8	77+4 → 90+3						
84B		654		6519			53			9	78+1 → 90+4						
84C		660		6613			54			10	78+2 → 91+1		Change to TNT 1720				

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 6 YR 78

INSTRUMENT (9-TRACK): ☒ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG B | ☒ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: 1-48 | DATA CHANNEL NOS.: 1-48 (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.: (1) (2) (3) (4) (5) (6) (7)

PARAMETER: RECORD LENGTH: 5 sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☒ 2 ms. ☐ ms. | GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ IFP ☐ FINAL ☐ OPERATE | FILTERS: FREQ. 8 LO CUT HZ SLOPE 18 | FREQ 128 HI CUT HZ SLOPE 70 | NOTCH FILTER: ☐ IN ☒ OUT

DISPLAY: MODE: ☒ AGC ☐ FLOAT ☐ AMPLIFIER ☐ DEFLOAT ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE } NUMBERS ON MAG. TAPE | ☐ DOWNBREAK ☐ UPBREAK } ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE: TYPE: ☒ DYNAMITE ☐ VIBROSEIS ☐ OTHER | PATTERN: Inline | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: 20 | HOLE DEPTH: 67/75 | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: GSC-20D | PATTERN: Inline | NO. OF ELEMENTS: 18 | INLINE SPACING: 18 | LATERAL SPACING:

CONNECTION: Series-parallel | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: 220' | SHOTPOINT INTERVAL: 880' | FOLD: 6 | DIRECTION OF PROGRESSION: N to S

OFFSET GROUP 1: | OFFSET GROUP ____: | OFFSET GROUP ____: | OFFSET GROUP 48/96: | LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	REF.	TR. ____ to ____ REEL NO.	REC.	TR. ____ to ____ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	SPREAD CDP SWITCH	LINE GROUPS	SET UP	REMARKS: File #664 → 666 TTB	CORR. STACK YR 1-48 HT.	YR 1-48 REC.	YR 48-96 HT.	YR 48-96 REC.
85		7512 H	6667			30	67	1 5,5			11	78+3 → 91+2	3	System Start 128 mils Ht. 1735				
86			6668			30	67	1 5,6			15	79+3 → 92+2		" " " " "				
87			6670			30	67	1 5,7			19	80+3 → 93+2		File # 669 Test				
88			6671			30	67	1 5,8			23	81+3 → 94+2		1750				
89			6672			30	67	1 5,9	4,4,0	W	27	82+3 → 95+2		lateral offset				
90			6673			30	67	1 6,0			31	83+3 → 96+2		1810				
91			6674			30	67	1 6,1			35	84+3 → 97+2		change to Mud Gun #820				

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 6 YR 78

INSTRUMENT (9-TRACK): ☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS V ☐ DFS IV ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.: (1) (2) (3) (4) (5) (6) (7)

PARAMETER: RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ IFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: FREQ. LO CUT HZ SLOPE FREQ. HI CUT HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY: MODE: ☐ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE | NUMBERS ON ON MAG. TAPE ☐ DOWNBREAK ☐ UPBREAK ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: Inline | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: ☐ POPS ☒ Hole | HOLE DEPTH: 500psi | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: 220 | SHOTPOINT INTERVAL: 220 | FOLD: 24 | DIRECTION OF PROGRESSION: N

OFFSET GROUP 1: | OFFSET GROUP____: | OFFSET GROUP____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	INT.	TR. 1 to 48 REEL NO.	TR. 1 to 48 REC.	TR. ____ to ____ REEL NO.	TR. ____ to ____ REC.	SHOT SIZE	SHOT DEPTH	SHOT NO.	SHOT OFFSET	SHOT DIR.	CDP SWITCH	SPREAD LINE GROUPS 48	SPREAD SET UP	REMARKS:	CORR. STACK TR 1-48 HT.	CORR. STACK TR 1-48 REC.	CORR. STACK TR 48-96 HT.	CORR. STACK TR 48-96 REC.
91	A	751	6216		6279			162			36	84+4 → 97+3	3	File #675				
91	B		6280		6283			163			37	85+1 → 97+4						
91	C		6284		6287			164			38	85+2 → 98+1						
92			6288		6291			165			39	85+3 → 98+2		1847				
92	A		6292		6295			166			40	85+4 → 98+3						
92	B		6296		6299			167			41	86+1 → 98+4						
92	C		7000		7003			168			42	86+2 → 99+1						
93			7004		7007			169			43	86+3 → 99+2		1900				
93	A		7008		7011			170			44	86+4 → 99+3						
93	B		7012		7015			171			45	87+1 → 99+4						
93	C		7016		7019			172			46	87+2 → 100+1						
94			7020		7023			173			47	87+3 → 100+2		1910				
94	A		7024		7027			174			48	87+4 → 100+3						
94	B		7028		7031			175			49	88+1 → 100+4						
94	C		7032		7035			176			50	88+2 → 101+1						
95			7036		7039			177			51	88+3 → 101+2		1921				
95	A		7040		7043			178			52	88+4 → 101+3						
95	B		7044		7047			179			53	89+1 → 101+4						
95	C		7048		7051			180			54	89+2 → 102+1						
96			7052		7055			181			55	89+3 → 102+2		1933				

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 6 YR 78

INSTRUMENT (9-TRACK): ☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS IX ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.: | (1) (2) (3) (4) (5) (6) (7)

PARAMETER: RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ IFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: FREQ. LO CUT HZ SLOPE FREQ. HI CUT HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY: MODE: ☐ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE | NUMBERS ON MAG. TAPE / ON DISPLAY: ☐ DOWNBREAK ☐ UPBREAK

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM/ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION: N to S

OFFSET GROUP 1: | OFFSET GROUP ____: | OFFSET GROUP ____: | OFFSET GROUP 48/96: | LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	INT.	TR. 1 to 48 REEL NO.	REC.	TR ____ to ____ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	SPREAD 1 LINE GROUPS 48	SET UP	REMARKS:	CORR. STACK TR 1-48 HT.	TR 1-48 REC.	TR 49-96 HT.	TR 49-96 REC.
96	A	7,5,1,7,4,1	7,5,1,6					1,8,2			56	89+4 → 102+3	3					
96	B		760		763			1,8,3			57	90+1 → 102+4						
96	C		764		767			1,8,4			58	90+2 → 103+1						
97			768		771			1,8,5			59	90+3 → 103+2		1947				
97	A		772		775			1,8,6			60	90+4 → 103+3						
97	B		776 → 778		780			1,8,7			61	91+1 → 103+4		#779 N.G.				
97	C		782		785			1,8,8			62	91+2 → 104+1		File # 781 NG				
98			786		789			1,8,9			63	91+3 → 104+2		2001				
98	A		790		793			1,9,0			64	91+4 → 104+3						
98	B		794		797			1,9,1			65	92+1 → 104+4						
98	C		798		801			1,9,2			66	92+2 → 105+1						
99			802		805			1,9,3			67	92+3 → 105+2		-2014				
99	A		806		809			1,9,4			68	92+4 → 105+3						
99	B		810		813			1,9,5			69	93+1 → 105+4						
99	C		814		817			1,9,6			70	93+2 → 106+1						
100		2,5,1,7,4,2	5,1,9		822			1,9,7			71	93+3 → 106+2		File # 818 Dummy Rec 2035				
100	A		823		826			1,9,8			72	93+4 → 106+3						
100	B		828		831			1,9,9			73	94+1 → 106+4		File # 827 NG				
100	C		8		8			2,0,0			74	94+2 → 107+1		832→836 NG Skip Dry Hole				

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-1Y

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 7 YR 78

INSTRUMENT (9-TRACK): ☒ 1 SYSTEM ☐ 2 SYSTEMS | ☒ 1-24 & 25-48 ☐ 1-48 & 49-96 ☒ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☒ DFS V ☐ OTHER | ☒ 9 TRACK ☐ 21 TRACK | FORMAT: SEG B | ☒ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☒ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☒ DEC. ☐ OCT | GAIN CONSTANT: 36 db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: 1-48 | DATA CHANNEL NOS.: 1-48 (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.: (1) (2) (3) (4) (5) (6) (7)

PARAMETER: RECORD LENGTH: 5 sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ IFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: FREQ. 8 LO CUT HZ SLOPE 18 | FREQ. 128 HI CUT HZ SLOPE 70 | NOTCH FILTER: ☐ IN ☒ OUT

DISPLAY: MODE: ☒ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: 12 db | TRIP SENS: 12 db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE | NUMBERS ON MAG. TAPE: ☐ DOWNBREAK ☐ UPBREAK ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM/ALT SW.

SOURCE: TYPE: ☒ DYNAMITE ☐ VIBROSEIS ☐ OTHER | PATTERN: Inline/Slanthole | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: 20 | HOLE DEPTH: 67/75 | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

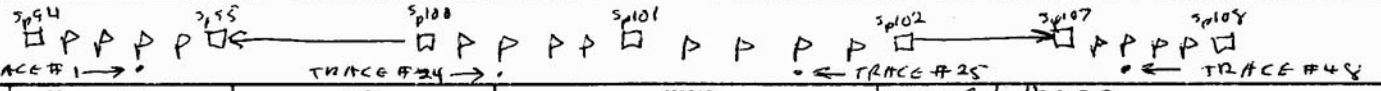
RECEIVER: TYPE: GSC-20p | PATTERN: Inline | NO. OF ELEMENTS: 18 | INLINE SPACING: 18 | LATERAL SPACING:

CONNECTION: series parallel | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 48 | GROUP INTERVAL: 220 | SHOTPOINT INTERVAL: 880' | FOLD: 6 | DIRECTION OF PROGRESSION: N to S

OFFSET GROUP 1: 5610 | OFFSET GROUP 24: 550 | OFFSET GROUP 25: 550 | OFFSET GROUP 48/96: 5610 | LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION:



SHOTPOINT	TR. REEL NO.	TR. REC.	TR. REEL NO.	TR. REC.	SHOT SIZE	SHOT DEPTH	SHOT NO.	SHOT OFFSET	SHOT DIR.	SPREAD CDP SWITCH	SPREAD LINE GROUPS	SPREAD SET UP	REMARKS: Flo # 837	CORR. STACK TR 1-48 HT.	CORR. STACK TR 1-48 REC.	CORR. STACK TR 48-96 HT.	CORR. STACK TR 48-96 REC.
1101	7517470	8555			20	67	1			15	94+3 → 107+2	1	0758				
1102		8516			20	67	2			19	95+3 → 108+2		0806				
1103		8517			20	67	3			23	96+3 → 109+2		0815				
1104		8518			20	67	4			27	97+3 → 110+2		0826				
1105		8519			20	67	5			~~25~~ 45	98+3 → 111+2	2	Move Up 0843				
1106		8610			20	67	6			29	99+3 → 112+2		0852				
1107		8611			20	67	7			33	100+3 → 113+2		0904				
1108		8612			20	67	8			37	101+3 → 114+2		0915				
1109		8613			20	67	9			41	102+3 → 115+2		0924				
1110		8614			20	67	10			45	103+3 → 116+2		0936				
1111		8615			20	~~67~~	11		52'	49	104+3 → 117+2		0948				
1112		8616			20	67	12			53	105+3 → 118+2		1005				
1113		8617			20	67	13			57	106+3 → 119+2		1013				
1114		8618			20	67	14			61	107+3 → 120+2		1021				
1115		8619			20	67	15			65	108+3 → 121+2						
1116		8620			20	67	16			69	109+3 → 122+2						
1117		8621			20	67	17			73	110+3 → 123+2						

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B18 | DATE: MO 4 DAY 7 YR 78

PARTY NO: 1182 | INST. ENG:

INSTRUMENT (9-TRACK): ☒ 1 SYSTEM ☐ 2 SYSTEMS | ☒ 1-24 & 25-48 ☐ 1-48 & 49-96 | ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☒ DFS V ☐ OTHER | ☒ 9 TRACK ☐ 21 TRACK | FORMAT: SEG B | ☒ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☒ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☒ DEC. ☐ OCT. | GAIN CONSTANT: 36 db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: 1-48 | DATA CHANNEL NOS.: 1-48 (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.: (1) (2) (3) (4) (5) (6) (7)

PARAMETER: RECORD LENGTH: 3 sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☒ 2 ms. ☐ ms. | GAIN MODE: ☒ FIP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: FREQ. 8 LO CUT HZ SLOPE 18 | FREQ. 128 HI CUT HZ SLOPE 70 | NOTCH FILTER: ☐ IN ☒ OUT

DISPLAY: MODE: ☒ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: 36 db | TRIP SENS: 12 db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE } NUMBERS ON ON MAG. TAPE | ☐ DOWNBREAK ☐ UPBREAK } ON DISPLAY

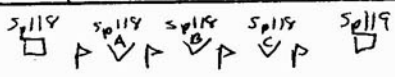
CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: Inline | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET: | CHG/HOLE: 5000 psi | HOLE ~~DEPTH~~ 4 pops/hole | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: GSC-20D | PATTERN: Inline | NO. OF ELEMENTS: 18 | INLINE SPACING: 18 | LATERAL SPACING: | CONNECTION: series/parallel | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 48 | GROUP INTERVAL: 220 | SHOTPOINT INTERVAL: 220 | FOLD: 24 | DIRECTION OF PROGRESSION: N to S | OFFSET GROUP 1: 5610 | OFFSET GROUP 24: 550 | OFFSET GROUP 25: 550' | OFFSET GROUP 48/96: 5610 | LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION:



SHOTPOINT	TR. 1 to 48 REEL NO.	TR. 1 to 48 REC.	TR. ___ to ___ REEL NO.	TR. ___ to ___ REC.	SHOT SIZE	SHOT DEPTH	SHOT NO.	SHOT OFFSET	SHOT DIR.	SPREAD CDP SWITCH	SPREAD LINE GROUPS	SPREAD SET UP	REMARKS	CORR. STACK TR 1-48 HT.	CORR. STACK TR 1-48 REC.	CORR. STACK TR 49-96 HT.	CORR. STACK TR 49-96 REC.
1118	7511	8778		8777			18			11	111+3 → 124+2	3	File #872 NG, #873				
1118A		8781		8784			19			12	111+4 → 124+3		1126				
1118B		8785		8786			20			13	112+1 → 124+4						
1118C		8787		8790			21			14	112+2 → 125+1						
1119		8791		8794			22			15	112+3 → 125+2						
1119A		8795		8798			23			16	112+4 → 125+3		1136				
1119B		8799		9002			24			17	113+1 → 125+4						
1119C		9003		9006			25			18	113+2 → 126+1						
1120		9008		9011			26			19	113+3 → 126+2		File # 907, NG.				
1120A		9012		9015			27			20	113+4 → 126+3						
1120B		9016		9019			28			21	114+1 → 126+4						
1120C		9020		9023			29			22	114+2 → 127+1						
1121		9027		9027			30			23	114+3 → 127+2		1156				
1121A		9030		9033			31			24	114+4 → 127+3		File #928				
1121B		9034		9037			32			25	115+1 → 127+4						
1121C		9038		9041			33			26	115+2 → 128+1						
1122		9042		9045			34			27	115+3 → 128+2						
1122A		9046		9049			35			28	115+4 → 128+3						
1122B		9050		9053			36			29	116+1 → 128+4						
1122C		9054		9057			37			30	116+2 → 129+1						

External time break using geophone

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-14

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 7 YR 78

INSTRUMENT (9-TRACK): ☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.: (1) (2) (3) (4) (5) (6) (7)

PARAMETER: RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ IFP ☐ FINAL ☐ OPERATE | FILTERS: FREQ. LO CUT HZ SLOPE | FREQ. HI CUT HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY: MODE: ☐ FLOAT ☐ AMPLIFIER ☐ AGC ☐ DEFLOAT ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE | NUMBERS ON MAG. TAPE ☐ DOWNBREAK ☐ UPBREAK ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET: | CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING: | CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION: | OFFSET GROUP 1: | OFFSET GROUP____: | OFFSET GROUP____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	REF.	TR. 1 to 48 REEL NO.	TR. 1 to 48 REC.	TR ____ to ____ REEL NO.	TR ____ to ____ REC.	SHOT SIZE	SHOT DEPTH	SHOT NO.	SHOT OFFSET	DIR.	SPREAD CDP SWITCH	SPREAD 1 LINE GROUPS 48	SET UP	REMARKS	CORR. STACK YR 1-48 HT.	CORR. STACK YR 1-48 REC.	CORR. STACK YR 48-96 HT.	CORR. STACK YR 48-96 REC.
1123		75117142	9152		9162			38			31	116+3 → 129+2	3					
123	A		9163		9166			39			32	116+4 → 129+3						
123	B		9167		9170			40			33	117+1 → 129+4						
123	C		9171		9174			41			34	117+2 → 130+1						
124			9175		9178			42			35	117+3 → 130+2		1220 / 1232				
124	A		9181		9184			43			36	117+4 → 130+3		979, 980 NG				
124	B		9185		9188			44			37	118+1 → 130+4						
124	C		9189		9192			45			38	118+2 → 131+1						
125			9193		9196			46			39	118+3 → 131+2		1244				
125	A		10010		10013			47			40	118+4 → 131+3		File #997 → 999 NG				
125	B		10014		10017			48			41	119+1 → 131+4						
125	C		10018		10011			49			42	119+2 → 132+1						
126			10112	10 13 10115	10116			50			43	119+3 → 132+2		File # 1014 NG				
126	A	75117143	10020		10023			51			44	119+4 → 132+3		File # 1017 Dummy Rec Files 1018, 1019 NG				
126	B		10024		10027			52			45	120+1 → 132+4						
126	C		10028		10031			53			46	120+2 → 133+1						
127			10034		10037			54			47	120+3 → 133+2		File # 1032, 1033 NG 1318				
127	A		10038		10041			55			48	120+4 → 133+3						
127	B		10042		10045			56			49	121+1 → 133+4						
127	C		10046		10049			57			50	121+2 → 134+1						

LAND SEISMIC RECORDING LOG

CLIENT: Ausky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 7 YR 78

INSTRUMENT (9-TRACK): ☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: (1) (2) (3) (4) (5) (6) (7) | AUXILIARY CHANNEL NOS.:

PARAMETER: RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ IFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: FREQ. LO CUT HZ SLOPE | FREQ. HI CUT HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY: MODE: ☐ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE | NUMBERS ON MAG. TAPE ☐ DOWNBREAK ☐ UPBREAK ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:

OFFSET GROUP 1: | OFFSET GROUP____: | OFFSET GROUP____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	INT.	TR. 1 to 96 REEL NO.	TR. 1 to 96 REC.	TR ____ to ____ REEL NO.	TR ____ to ____ REC.	SHOT SIZE	SHOT DEPTH	SHOT NO.	SHOT OFFSET	SHOT DIR.	SPREAD CDP SWITCH	SPREAD LINE GROUPS 4V	SPREAD SET UP	REMARKS	CORR. STACK TR 1-48 HT.	CORR. STACK TR 1-48 REC.	CORR. STACK TR 48-96 HT.	CORR. STACK TR 48-96 REC.
1 5 6		7 12	13 16	17 22	23 26	27 29	30 32		35 37									
128		751	1074	13	10510 →			58			51	121+3 → 134+2	3					
128	A		10544		10517			59			52	121+4 → 134+3		1331				
128	B		10556		10611			60			53	122+1 → 134+4						
128	C		10662		10665			61			54	122+2 → 135+1						
129			10666		10669			62			55	122+3 → 135+2						
129	A		10670		10673			63			56	122+4 → 135+3		1343				
129	B		10712		10715			64			57	123+1 → 135+4						
129	C		10716		10811			65			58	123+2 → 136+1						
130			10817		10885			66			59	123+3 → 136+2						
130	A		10816		10889			67			60	123+4 → 136+3		1352				
130	B		10890		10893			68			61	124+1 → 136+4						
130	C		10894		10897			69			62	124+2 → 137+1						
131			10898		11101			70			63	124+3 → 137+2		1403				
131	A		11102		11105			71			64	124+4 → 137+3						
131	B		11106		11109			72			29 ~~65~~	125+1 → 137+4	4	Move Up				
131	C		11110		11113			73			30	125+2 → 138+1						
132			11114		11117			74			31	125+3 → 138+2						
132	A		11118		11121			75			32	125+4 → 138+3						
132	B		11122		11125			76			33	126+1 → 138+4						
132	C		11126		11129			77			34	126+2 → 139+1						

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 7 YR 78

INSTRUMENT (9-TRACK): ☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: (1) (2) (3) (4) (5) (6) (7) | AUXILIARY CHANNEL NOS.:

PARAMETER: RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ IFP ☐ FINAL ☐ OPERATE | FILTERS: FREQ. LO CUT HZ SLOPE FREQ. HI CUT HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY: MODE: ☐ FLOAT ☐ AMPLIFIER ☐ AGC ☐ DEFLOAT ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE } NUMBERS ON MAG. TAPE ☐ DOWNBREAK ☐ UPBREAK } ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM/ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☐ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:

OFFSET GROUP 1: | OFFSET GROUP ____: | OFFSET GROUP ____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	INT.	TR. 1 to 48 REEL NO.	TR. 1 to 48 REC.	TR ____ to ____ REEL NO.	TR ____ to ____ REC.	SHOT SIZE	SHOT DEPTH	SHOT NO.	SHOT OFFSET	SHOT DIR.	SPREAD CDP SWITCH	SPREAD LINE GROUPS	SPREAD SET UP	REMARKS:	CORR. STACK TR 1-48 HT.	CORR. STACK TR 1-48 REC.	CORR. STACK TR 48-96 HT.	CORR. STACK TR 48-96 REC.
1133		7511	1310		1133			78			3556	126+3 → 139+2	4	1451				
1133	A		1134		1137			79			36	126+4 → 139+3						
1133	B		1138	3811	1142			80			37	127+1 → 139+4		1140 NG				
1133	C		1143	4511	1147			81			38	127+2 → 140+1		1144 NG				
1134			1148		1151			82			39	127+3 → 140+2		1502				
1134	A		1152		1155			83			40	127+4 → 140+3						
1134	B		1157		1160			84			41	128+1 → 140+4		1156 N.G.				
1134	C		1161		1164			85			42	128+2 → 141+1						
1135			1165		1168			86			43	128+3 → 141+2		1513				
1135	A		1169		1172			87			44	128+4 → 141+3						
1135	B		1173		1176			88			45	129+1 → 141+4						
1135	C		1177		1180			89			46	129+2 → 142+1						
1136			1181		1184			90			47	129+3 → 142+2						
1136	A		1185		1188			91			48	129+4 → 142+3						
1136	B		1189		1192			92			49	130+1 → 142+4		File #1152 N.G.				
1136	C		1193		1196			93			50	130+2 → 143+1		File #1154 N.G.				
1137			1199		1202			94			51	130+3 → 143+2		1540				
1137	A		1203		1207			95			52	130+4 → 143+3		1203 N.G.				
1137	B		1208		1211			96			53	131+1 → 143+4						
1137	C		1212		1215			97			54	131+2 → 144+1						

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 7 YR 78

INSTRUMENT (9-TRACK): ☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: (1) (2) (3) (4) (5) (6) (7) | AUXILIARY CHANNEL NOS.:

PARAMETER: RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ IFP ☐ FINAL ☐ OPERATE | FILTERS: FREQ. LO CUT HZ SLOPE FREQ. HI CUT HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY: MODE: ☐ FLOAT ☐ AMPLIFIER ☐ AGC ☐ DEFLOAT ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE | NUMBERS ON ON MAG. TAPE ☐ DOWNBREAK ☐ UPBREAK ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM/ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☐ OTHER | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:

OFFSET GROUP 1: | OFFSET GROUP____: | OFFSET GROUP____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	REV.	TR. ____ to ____ REEL NO.	REC.	TR ____ to ____ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	SPREAD CDP SWITCH	LINE GROUPS	SET UP	REMARKS	CORR. STACK TR 1-48 HT.	TR 1-48 REC.	TR 49-96 HT.	TR 49-96 REC.
1138		7514	12117		12320			9	8		55	131+3 → 144+2	4	File # 1216 Dummy R-c 1555				
1138A			12121		12324			9	9		56	131+4 → 144+3						
1138B			12125		12328			10	0		57	132+1 → 144+4						
1138C			12129		12332			10	1		58	132+2 → 145+1						
1139			12133		12336			10	2		59	132+3 → 145+2						
1139A			12137		12410			10	3		60	132+4 → 145+3						
1139B			12141		12414			10	4		61	133+1 → 145+4						
1139C			12147		12450			10	5		62	133+2 → 146+1		File # 1245 1246 NG				
1140			12151		12454			10	6		63	133+3 → 146+2		1618				
1140A			12155		12458			10	7		64	133+4 → 146+3						
1140B			12159		12462			10	8		65	134+1 → 146+4						
1140C			12163		12466			10	9		66	134+2 → 147+1						
1141			12167		12470			11	0		67	134+3 → 147+2		1730				
1141A			12171		12474			11	1		68	134+4 → 147+3						
1141B			12175		12478			11	2		69	135+1 → 147+4						
1141C			12179		12482			11	3		70	135+2 → 148+1						
1142			12183		12486			11	4		71	135+3 → 148+2		1644				
1142A			12187		12490			11	5		72	135+4 → 148+3						
1142B			12191		12494			11	6		73	136+1 → 148+4						
1142C			12197		13010			11	7		74	136+2 → 149+1		File #1295, 1296 NG.				

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18

PARTY NO: 1162 | INST. ENG: | DATE: MO 4 DAY 7 YR 78

INSTRUMENT (9-TRACK): ☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: (1) (2) (3) (4) (5) (6) (7) | AUXILIARY CHANNEL NOS.:

PARAMETER: RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ IFP ☐ FINAL ☐ OPERATE | FILTERS: FREQ. LO CUT HZ SLOPE FREQ. HI CUT HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY: MODE: ☐ FLOAT ☐ AMPLIFIER ☐ AGC ☐ DEFLOAT ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE | NUMBERS ON MAG. TAPE ☐ DOWNBREAK ☐ UPBREAK ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:

OFFSET GROUP 1: | OFFSET GROUP____: | OFFSET GROUP____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	INT.	TR. 1 to 48 REEL NO.	TR. 1 to 48 REC.	TR ____ to ____ REEL NO.	TR ____ to ____ REC.	SHOT SIZE	SHOT DEPTH	SHOT NO.	SHOT OFFSET	SHOT DIR.	SPREAD CDP SWITCH	SPREAD 1 LINE GROUPS 48	SPREAD SET UP	REMARKS:	CORR. STACK TR 1-48 HT.	CORR. STACK TR 1-48 REC.	CORR. STACK TR 48-96 HT.	CORR. STACK TR 48-96 REC.
1143		7511	13101		13014			18			75	136+3 → 149+2	4	1305 NG 1655				
1143A			13016		13019			19			76	136+4 → 149+3						
1143B			13110		13113			20			77	137+1 → 149+4						
1143C			13114		13117			21			6	137+2 → 150+1		move Up				
1144			13118		13121			22			7	137+3 → 150+2		1730				
1144A			13122		13125			23			8	137+4 → 150+3						
1144B			13126		13129			24			9	138+1 → 150+4						
1144C			13130		13133			25			10	138+2 → 151+1						
1145			13134		13137			26			11	138+3 → 151+2		1749				
1145A			13138		13141			27			12	138+4 → 151+3						
1145B			13142		13145			28			13	139+1 → 151+4						
1145C			13146		13149			29			14	139+2 → 152+1						
1146			13150		13153			30			15	139+3 → 152+2		1801				
1146A			13154		13157			31			16	139+4 → 152+3						
1146B			13158		13161			32			17	140+1 → 152+4						
1146C			13162		13165			33			18	140+2 → 153+1						
1147			13166		13169			34			19	140+3 → 153+2						
1147A			13170		13173			35			20	140+4 → 153+3		1813				
1147B			13174		13177			36			21	141+1 → 153+4						
1147C			13178		13181			37			22	141+2 → 154+1						

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 7 YR 78

INSTRUMENT (9-TRACK): ☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.: (1) (2) (3) (4) (5) (6) (7)

PARAMETER: RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ IFP ☐ FINAL ☐ OPERATE | FILTERS: LO CUT FREQ. HZ SLOPE | HI CUT FREQ. HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY: MODE: ☐ FLOAT ☐ AMPLIFIER ☐ AGC ☐ DEFLOAT ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE | NUMBERS ON MAG. TAPE: ☐ DOWNBREAK ☐ UPBREAK | ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:

OFFSET GROUP 1: | OFFSET GROUP____: | OFFSET GROUP____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	INT.	TR. 1 to 48 REEL NO.	REC.	TR. ____ to ____ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	SPREAD CDP SWITCH	LINE GROUPS	SET UP	REMARKS:	CORR. STACK TR 1-48 HT.	TR 1-48 REC.	TR 49-96 HT.	TR 49-96 REC.
1,148		25,17,14,4	1,356,2		1,385		1	38			23	141+3 → 154+2	5					
1,148A			1,386		1,389		1	39			24	141+4 → 154+3		1827				
1,148B			1,390		1,393		1	40			25	142+1 → 154+4						
1,148C			1,394		1,397		1	41			26	142+2 → 155+1						
1,149			1,398		1,401		1	42			27	142+3 → 155+2						
1,149A			1,402		1,405		1	43			28	142+4 → 155+3		1834				
1,149B			1,406		1,409		1	44			29	143+1 → 155+4		1				
1,149C			1,410		1,413		1	45			30	143+2 → 156+1						
1,150		25,12,4,5	1,414		1,418		1	46			31	143+3 → 156+2		F/e #1414 Dommy Rec				
1,150A			1,419		1,422		1	47			32	143+4 → 156+3						
1,150B			1,423		1,426		1	48			33	144+1 → 156+4						
1,150C			1,427		1,430		1	49			34	144+2 → 157+1						
1,151			1,431		1,434		1	50			35	144+3 → 157+2		1905				
1,151A			1,435		1,438		1	51			36	144+4 → 157+3						
1,151B			1,439		1,442		1	52			37	145+1 → 157+4						
1,151C			1,443		1,446		1	53			38	145+2 → 158+1						
1,152			1,447		1,450		1	54			39	145+3 → 158+2		1917				
1,152A			1,451		1,454		1	55			40	145+4 → 158+3						
1,152B			1,455		1,458		1	56			41	146+1 → 158+4						
1,152C			1,459		1,462		1	57			42	146+2 → 159+1						

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 7 YR 78

INSTRUMENT (9-TRACK): ☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.: (1) (2) (3) (4) (5) (6) (7)

PARAMETER DISPLAY CFS I: RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ IFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: FREQ. LO CUT HZ SLOPE FREQ. HI CUT HZ SLOPE NOTCH FILTER: ☐ IN ☐ OUT

MODE: ☐ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE } NUMBERS ON MAG. TAPE | ☐ DOWNBREAK ☐ UPBREAK } ON DISPLAY

TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM/ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:

CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:

OFFSET GROUP 1: | OFFSET GROUP ____: | OFFSET GROUP ____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	INC.	TR. 1 to 45 REEL NO.	TR. 1 to 45 REC.	TR. ____ to ____ REEL NO.	TR. ____ to ____ REC.	SHOT SIZE	SHOT DEPTH	SHOT NO.	SHOT OFFSET	SHOT DIR.	SPREAD CDP SWITCH	SPREAD LINE GROUPS 48	SPREAD SET UP	REMARKS	CORR. STACK YR 1-48 HT.	CORR. STACK YR 1-48 REC.	CORR. STACK YR 48-96 HT.	CORR. STACK YR 48-96 REC.
1153	5/6	75112145	1H63	→	1H666			15 8			43	146+3 → 159+2	5	1929				
1153A			1H677		1H710			15A			44	146+4 → 159+3						
1153B			1H711		1H714			16 0			45	147+1 → 159+4						
1153C			1H715		1H718			16 1			46	147+2 → 160+1						
1154			1H719		1H722			16 2			47	147+3 → 160+2		1941				
1154A			1H683		1H686			16 3			48	147+4 → 160+3						
1154B			1H687		1H910			16 4			49	148+1 → 160+4						
1154C			1H911		1H914			16 5			50	148+2 → 161+1						
~~1155~~			~~1H915~~		~~1H998~~			16 6			~~51~~	~~148+3 → 161+2~~		File # 1495 → 1497 N6				

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18
PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 8 YR 78

INSTRUMENT (9-TRACK): ☒ 1 SYSTEM ☐ 2 SYSTEMS | ☒ 1-24 & 25-48 ☐ 1-48 & 49-96 ODDS ☒ EVENS | TYPE: ☐ DFS III ☐ DFS IV ☒ DFS V ☐ OTHER | ☒ 9 TRACK ☐ 21 TRACK | FORMAT: SEG B | ☒ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☒ 1600 BPI
NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☒ DEC. ☐ OCT. | GAIN CONSTANT: 36 db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: 1-48 | DATA CHANNEL NOS.: 1-48 (ON MAG TAPE) | AUXILIARY DATA: (1) (2) (3) (4) (5) (6) (7) | AUXILIARY CHANNEL NOS.:

PARAMETER: RECORD LENGTH: 3 sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☒ 2 ms. ☐ ms. | GAIN MODE: ☒ FP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: FREQ. 95 LO CUT HZ SLOPE 18 | FREQ. 128 HI CUT HZ SLOPE 20 | NOTCH FILTER: ☐ IN ☒ OUT

DISPLAY: MODE: ☒ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: 12 db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE } NUMBERS ON MAG. TAPE | ☐ DOWNBREAK ☐ UPBREAK } ON DISPLAY

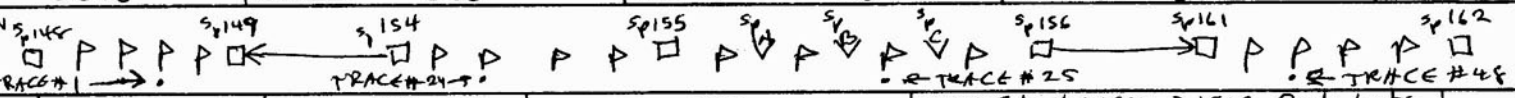
CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM/ALT SW.

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:
CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: GSC-200 | PATTERN: Inline | NO. OF ELEMENTS: 18 | INLINE SPACING: 18 | LATERAL SPACING:
CONNECTION: Series Parallel | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 48 | GROUP INTERVAL: ~~220'~~ 220' | SHOTPOINT INTERVAL: 2201 | FOLD: 24 | DIRECTION OF PROGRESSION: N to S
OFFSET GROUP 1: 5610 | OFFSET GROUP 24: 550' | OFFSET GROUP 25: 550' | OFFSET GROUP 48/~~1~~: 5610 | LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION



SHOTPOINT	INT.	TR. 1 to 48 REEL NO.	REC.	TR ___ to ___ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	SPREAD 1 LINE GROUPS 48	SET UP	REMARKS: File #1498 → 1512 Daily tests	CORR. STACK TR 1-48 HT.	TR 1-48 REC.	TR 48-96 HT.	TR 48-96 REC.
1,156	A	7,511	1,513		1,516			1			3	148+3 → 161+2	1	148+3 → 161+2 0842				
1,155	A		1,517		1,520			2			4	148+4 → 161+3						
1,155	B		1,521		1,524			3			5	149+1 → 161+4						
1,155	C		1,525		1,528			4			6	149+2 → 162+1						
1,156			1,529		1,532			5			7	149+3 → 162+2						
1,156	A		1,533	1,534	1,537			6			8	149+4 → 162+3		File #1535 NG				
1,156	B		1,538		1,541			7			9	150+1 → 162+4						
1,156	C		1,542		1,545			8			10	150+2 → 163+1						
1,157			1,546		1,549			9			11	150+3 → 163+2		0912				
1,157	A		1,550		1,553			10			12	150+4 → 163+3						
1,157	B		1,554		1,557			11			13	151+1 → 163+4						
1,157	C		1,558		1,561			12			14	151+2 → 164+1						
1,158			1,562		1,565			13			15	151+3 → 164+2						
1,158	A		1,566		1,569			14			16	151+4 → 164+3						
1,158	B		1,570		1,573			15			17	152+1 → 164+4						
1,158	C		1,574		1,577			16			18	152+2 → 165+1						
1,159			1,578		1,581			17			19	152+3 → 165+2		File #1578 → 1580 NG 0935				
1,159	A		1,582		1,585			18			20	152+4 → 165+3		File #1585 NG				
1,159	B		1,590		1,593			19			21	153+1 → 165+4						
1,159	C		1,594		1,597			20			22	153+2 → 166+1						

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 8 YR 78

INSTRUMENT (9-TRACK)
☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

CONFIGURATION (MAG TAPE)
NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.
FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | AUXILIARY DATA: (1) (2) (3) (4) (5) (6) (7) | AUXILIARY CHANNEL NOS.:

PARAMETER
RECORD LENGTH: sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ IFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: FREQ. LO CUT HZ SLOPE FREQ. HI CUT HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY
MODE: ☐ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE | NUMBERS ON MAG. TAPE ☐ DOWNBREAK ☐ UPBREAK ON DISPLAY

CFS I
TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE
TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun | PATTERN: | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:
CHG/HOLE: | HOLE DEPTH: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER
TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING:
CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD
NO. OF GROUPS: | GROUP INTERVAL: | SHOTPOINT INTERVAL: | FOLD: | DIRECTION OF PROGRESSION:
OFFSET GROUP 1: | OFFSET GROUP ____: | OFFSET GROUP ____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR. ____ to ____ REEL NO.	REC.	TR ____ to ____ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	SPREAD CDP SWITCH	LINE GROUPS	SET UP	REMARKS:	CORR. STACK TR 1-48 HT.	TR 1-48 REC.	TR 48-96 HT.	TR 48-96 REC.
1619	7511745	1554		1601			21			23	153+3 → 166+2	1	-0947				
1620A		1602		1605			22			24	153+4 → 166+3						
1620B		1606		1609			23			25	154+1 → 166+4						
1620C		1610		1613			24			26	154+2 → 167+1						
1611		1614		1617			25			27	154+3 → 167+2		0958				
1621A		1618	1620 →	1622			26			28	154+4 → 167+3		File # 1619 NG				
1621B	7511746	1625		1628			27			29	155+1 → 167+4		File # 1623 Dummy Rec. #1624 NG				
1621C		1629		1632			28			30	155+2 → 168+1						
1622		1633		1636			29			31	155+3 → 168+2		1014				
1622A		1637		1640			30			32	155+4 → 168+3						
1622B		1641		1644			31			33	156+1 → 168+4						
1622C		1645		1648			32			34	156+2 → 169+1		Change to TNT 1030				

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 8 YR 78

INSTRUMENT (9-TRACK): ☒ 1 SYSTEM ☐ 2 SYSTEMS | ☒ 1-24 & 25-48 ☐ 1-48 & 49-96 | ☒ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☒ DFS V ☐ OTHER | ☒ 9 TRACK ☐ 21 TRACK | FORMAT: SEG Y3 | ☒ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☒ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☒ DEC. ☐ OCT. | GAIN CONSTANT: 36 db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: 1 – 48 | DATA CHANNEL NOS.: 1 – 48 (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.: (1) (2) (3) (4) (5) (6) (7)

PARAMETER: RECORD LENGTH: 5 sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☒ 2 ms. ☐ ms. | GAIN MODE: ☒ IFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: FREQ. 8 LO CUT HZ SLOPE 18 | FREQ. 128 HI CUT HZ SLOPE 70 | NOTCH FILTER: ☐ IN ☒ OUT

DISPLAY: MODE: ☒ AGC ☐ FLOAT ☐ AMPLIFIER ☐ DEFLOAT ☐ DIRECT | INITIAL GAIN: 12 db | TRIP SENS: 12 db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE } NUMBERS ON MAG. TAPE | ☐ DOWNBREAK ☐ UPBREAK } ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW.

SOURCE: TYPE: ☒ DYNAMITE ☐ VIBROSEIS ☐ OTHER | PATTERN: Inline-Single Hole | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: 20 | HOLE DEPTH: 67/100 | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: GSC-200 | PATTERN: Inline | NO. OF ELEMENTS: 18 | INLINE SPACING: 18' | LATERAL SPACING:

CONNECTION: SERIES Parallel | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 48 | GROUP INTERVAL: 220' | SHOTPOINT INTERVAL: 880' | FOLD: 6 | DIRECTION OF PROGRESSION: N to S

OFFSET GROUP 1: 5610' | OFFSET GROUP 24: 550' | OFFSET GROUP 25: 550' | OFFSET GROUP 48/96: 5610' | LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR. 1 to 48 REEL NO.	TR. 1 to 48 REC.	TR ___ to ___ REEL NO.	TR ___ to ___ REC.	SHOT SIZE	SHOT DEPTH	SHOT NO.	SHOT OFFSET	SHOT DIR.	SPREAD CDP SWITCH	SPREAD 1 LINE GROUPS 48	SET UP	REMARKS: File #1649 TTB	CORR. STACK TR 1-48 HT.	CORR. STACK TR 1-48 REC.	CORR. STACK TR 48-96 HT.	CORR. STACK TR 48-96 REC.
1163	25	1617			30	67	33			35	156+3 → 169+2	1			1050		
1164		1651			30	67	34			39	157+3 → 170+2				1057		
1165		1652			30	67	35			43	158+3 → 171+2				1105		
1166		1653			30	67	36			47	159+3 → 172+2		Stn 172+2 Rev.		1115		
1167		1654			30	67	37			51	160+3 → 173+2		"		1121		
1168		1655			30	67	38	300	W	55	161+3 → 174+2		Lateral offset		1127		
1169		1656			30	53	39			59	162+3 → 175+2		"		1135		
1170		1657			30	67	40			63	163+3 → 176+2		"		1143		
1171		1658			30	67	41			67	164+3 → 177+2		"		1151		
1172		1659			30	67	42			71	165+3 → 178+2		"		1200		
1173		1660			30	67	43			75	166+3 → 179+2		"		1207		
1174		1661			30	67	44			79	167+3 → 180+2		"		1214		
1175		1662			30	67	45			25	168+3 → 181+2	2	Move Up COPGERROR		1254		
1176		1663			30	67	46			27	169+3 → 182+2		"		1253		
1177		1664			30	67	47			31	170+3 → 183+2		"		1259		
1178		1665			30	67	48			35	171+3 → 184+2		"		1307		
1179		1666			30	67	49			39	172+3 → 185+2				1316		
1180		1667			30	67	50			43	173+3 → 186+2				1322		
1181		1668			30	67	51			47	174+3 → 187+2		187+1 Dead		1326		
1182		1669			30	67	52			51	185+3 → 188+2		~~[illegible] Dead~~				

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow Area | LINE NO: B-18

PARTY NO: 1182 | INST. ENG: | DATE: MO 4 DAY 8 YR 78

INSTRUMENT (9-TRACK): ☐ 1 SYSTEM ☐ 2 SYSTEMS | ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS | TYPE: ☐ DFS III ☐ DFS IV ☐ DFS IV ☐ OTHER | ☐ 9 TRACK ☐ 21 TRACK | FORMAT: SEG | ☐ GAPPED ☐ UNGAPPED | PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: ☐ DEC. ☐ OCT. | GAIN CONSTANT: db | INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: | DATA CHANNEL NOS.: (ON MAG TAPE) | (1) (2) (3) (4) (5) (6) (7) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.:

PARAMETER: RECORD LENGTH: 5 sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms. | GAIN MODE: ☐ IFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: FREQ. LO CUT HZ SLOPE | FREQ. HI CUT HZ SLOPE | NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY: MODE: ☐ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: db | TRIP SENS: db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE | NUMBERS ON ☐ ON MAG. TAPE ☐ DOWNBREAK ☐ UPBREAK ON DISPLAY

CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM/ALT SW.

SOURCE: TYPE: ☒ DYNAMITE ☐ VIBROSEIS ☐ OTHER | PATTERN: | CHG/HOLE: 20 | HOLE DEPTH: 67/75 | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET: | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER: TYPE: | PATTERN: | NO. OF ELEMENTS: | INLINE SPACING: | LATERAL SPACING: | CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: | GROUP INTERVAL: 220 | SHOTPOINT INTERVAL: 880 | FOLD: 6 | DIRECTION OF PROGRESSION: | OFFSET GROUP 1: | OFFSET GROUP: | OFFSET GROUP: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	REC.	TR. 1 to 48 REEL NO.	TR. 1 to 48 REC.	TR. to REEL NO.	TR. to REC.	SHOT SIZE	SHOT DEPTH	SHOT NO.	SHOT OFFSET	DIR.	SPREAD CDP SWITCH	SPREAD LINE GROUPS	SPREAD SET UP	REMARKS	CORR. STACK TR 1-48 HT.	CORR. STACK TR 1-48 REC.	CORR. STACK TR 48-96 HT.	CORR. STACK TR 48-96 REC.
1183	50	7511	7146		1677	20	67	53			55	176+3 → 189+2	2					
1184					1671	20	67	54			59	177+3 → 190+2						
1185					1672	20	67	55			63	178+3 → 191+2						
1186					1673	20	67	56			67	179+3 → 192+2		192+1 Recd				
1187					1674	20	67	57			35	180+3 → 193+2	3	Move Up				
1188					1675	20	67	58			39	181+3 → 194+2						
1189					1676	20	67	59			43	182+3 → 195+2						
1190					1677	20	67	60			47	183+3 → 196+2						
1191					1678	20	67	61			51	184+3 → T2						
1192					1679	20	67	62			55	185+3 → T6						
1193					1680	15	67	63			59	186+3 → T10						
1194					1681	15	67	64			63	187+3 → T14						
1195					1682	15	67	65			67	188+3 → T18						
1196					1683	10	67	66			71	189+3 → T22						
1197					1684	10	67	67			75	190+3 → T26						

1438
1446
1453
1500
1507
1515
1523
1528
1535
1541
1547
1553
1602
1615
1631