Ann's Copy

LAND SEISMIC RECORDING LOG

CLIENT: Husky	PROSPECT: Darrow	AREA: NPR-A	LINE NO: 614
PARTY NO: 1182	INST. ENG: Streff-Windham		DATE: MO 2 DAY 5 YR 79

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: 20K 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: 6 sec. SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☒ 2 ms. ☐ ms. GAIN MODE: ☒ IFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE FILTERS: FREQ. — LO CUT HZ SLOPE — FREQ. 128 HI CUT HZ SLOPE 70 NOTCH FILTER: ☐ IN ☒ OUT

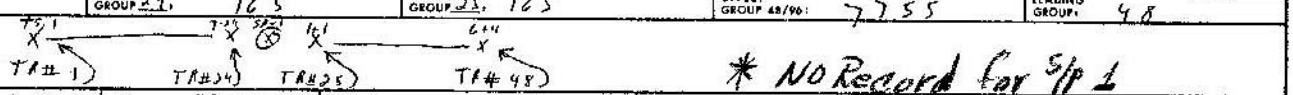
DISPLAY: MODE: ☒ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT INITIAL GAIN: 18 db TRIP SENS: 6 db POLARITY CONVENTION: PRESSURE INCREASE ON GEOPHONE: ☒ NEGATIVE ☐ POSITIVE NUMBERS ON ON MAG. TAPE ☒ DOWNBREAK ☐ UPBREAK ON DISPLAY

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

SOURCE: TYPE: ☒ DYNAMITE ☐ VIBROSEIS ☐ OTHER PATTERN: 1 hole NO. OF POSITIONS: INLINE SPACING: LATERAL SPACING: STAGGER: LENGTH: WIDTH: LATERAL OFFSET: CHG/HOLE: 00 HOLE DEPTH: 75 SWEEP POSITION: SWEEP START: SWEEP END: SWEEP LENGTH: SWEEP TAPER: PHASE COMP:

RECEIVER: TYPE: 200 PATTERN: INLine NO. OF ELEMENTS: 18 INLINE SPACING: 12 LATERAL SPACING: CONNECTION: Series-parallel RESISTANCE: 560 ohms STAGGER: 1 LENGTH: WIDTH: LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 48 GROUP INTERVAL: 330 SHOTPOINT INTERVAL: 1320 FOLD: 6 DIRECTION OF PROGRESSION: North OFFSET GROUP 1: 7755 OFFSET GROUP 24: 165 OFFSET GROUP 25: 165 OFFSET GROUP 48/96: 7755 LEADING GROUP: 48



DIAGRAMS/MISC. INFORMATION: TS.1 X — 7-24 X SP-1 ⊗ 1+1 X — 6+4 X; TR# 1, TR#24, TR#25, TR# 48

* NO Record for S/P 1

SHOTPOINT	RPT.	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.	REC.	TR 48-96 HT.	REC.
* 01		7518182				20	617	1			45	TS.1 — 6+4	1	Recorder @ SP-2				

*(0,6000,2)

120 S/P's

Ann's Copy Recording Hrs - 14.5

LAND/SEISMIC RECORDING LOG

CLIENT: Hosta PROSPECT: NPR-A AREA: Barrow LINE NO: 614

PARTY NO: 1182 INST. ENG: Streff - Windham DATE: MO 2 DAY 6 YR 79

INSTRUMENT (9-TRACK): [X] 1 SYSTEM [ ] 2 SYSTEMS; [X] 1-24 & 25-48 [X] 1-48 & 49-96; [ ] ODDS & EVENS; TYPE: [ ] DFS III [ ] DFS IV [X] DFS V [ ] OTHER; [X] 9 TRACK [ ] 21 TRACK; FORMAT: SEG B; [ ] GAPPED [ ] UNGAPPED; PACKING DENSITY: (LO) [ ] 556 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: 20K 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: 6 sec.; SAMPLE RATE: [ ] 1 ms. [X] 2 ms. [ ] 4 ms. [ ] ms.; GAIN MODE: [X] TP [ ] INITIAL [ ] FINAL [ ] MANUAL [ ] OPERATE; FILTERS: FREQ. — ; LO CUT HZ SLOPE ; HI CUT FREQ. 128 HZ SLOPE 70; NOTCH FILTER: [ ] IN [X] OUT

DISPLAY: MODE: [X] AGC [ ] FLOAT [ ] DEFLOAT [ ] AMPLIFIER [ ] DIRECT; INITIAL GAIN: 6 db; TRIP SENS.: 7 db; POLARITY CONVENTION: ; PRESSURE INCREASE ON GEOPHONE: [X] NEGATIVE [ ] POSITIVE; NUMBERS ON MAG. TAPE [X] 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: INline/Single; CHG/HOLE: 20; HOLE DEPTH: 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: 20 D; PATTERN: Inline; NO. OF ELEMENTS: 18; INLINE SPACING: 12; LATERAL SPACING: ; CONNECTION: Series-Parallel; RESISTANCE: 560 ohms; STAGGER: ; LENGTH: ; WIDTH: ; LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 48; GROUP INTERVAL: 330; SHOTPOINT INTERVAL: 1320; FOLD: 6; DIRECTION OF PROGRESSION: North; OFFSET GROUP 1: 7755; OFFSET GROUP 24: 165; OFFSET GROUP 25: 165; OFFSET GROUP 48/96: 7755; LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION: T.5 X — X (1+1 SP) ⊗ X (2+1) — X (7+4); TR#1 TR#27 TR#25 TR#48

* FILE # 301-308 DIALY TESTS

SHOTPOINT	TR. REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	SPREAD LINE GROUPS	SET UP	REMARKS	CORR. STACK TR 1-48 HI	REC.	TR 49-96 HI	REC.
100	7551/18186	3110	120	167	11			29	TS-5 - 7+4	1	RECORDED AT SP 7				
13		3111	120	(167)	12			33	TS-9 — 8+4		(LOADED to 50')				
14		3112	120	167	13			37	TS 13 — 9+4						
15		3113	120	167	14			41	TS 17 — 10+4						
16		3114	120	167	15			45	TS 21 — 11+4						
17		3115	120	167	16			49	1+1 - 12+4						
18		3116	120	167	17			53	2+1 - 13+4						
19		3117	120	167	18			57	3+1 - 14+4						
110		3118	120	167	19			61	4+1 - 15+4						
111		3119	120	167	110			65	5+1 - 16+4						
112		3120	120	167	111			69	6+1 - 17+4		17+1 - Dead				
113		3121	120	167	112			29	7+1 - 18+4	2	Recorder @ SP-18				
114		3122	120	167	113			33	8+1 - 19+4						
115		3123	120	167	114			37	9+1 - 20+4						
116		3124	120	167	115			41	10+1 - 21+4						
117		3125	120	167	116			45	11+1 - 22+4						
118		3126	120	167	117			49	12+1 - 23+4						
119		3127	120	167	118			53	13+1 - 24+4						
120		3128	120	167	119			57	14+1 - 25+4						
121		0229	120	167	20			61	15+1 - 26+4		Stacked on SP-22 (CDP - 57 → 14+1-25+4)				

LAND SEISMIC RECORDING LOG

CLIENT: Husky	PROSPECT: NPR-A	AREA: Barrow	LINE NO: 614
PARTY NO: 1182	INST. ENG: Streff-Windham		DATE: MO 2 DAY 6 YR 79

INSTRUMENT (9-TRACK): [x] 1 SYSTEM [ ] 2 SYSTEMS; [x] 1-24 & 25-48 [ ] 1-48 & 49-96; [ ] ODDS & EVENS; TYPE: [ ] DFS III [ ] DFS IV [x] DFS V [ ] OTHER; [x] 9 TRACK [ ] 21 TRACK; FORMAT: SEG B; [x] 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: 20K 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: 6 sec.; SAMPLE RATE: [ ] 1 ms. [ ] 4 ms. [x] 2 ms. [ ] ___ ms.; GAIN MODE: [x] TFP [ ] INITIAL [ ] FINAL [ ] MANUAL [ ] OPERATE; FILTERS: FREQ. —; LO CUT HZ SLOPE —; FREQ. 128; HI CUT HZ SLOPE 70; NOTCH FILTER: [ ] IN [x] OUT

DISPLAY: MODE: [x] AGC [ ] FLOAT [ ] DEFLOAT [ ] AMPLIFIER [ ] DIRECT; INITIAL GAIN: 18 db; TRIP SENS: 8 db; POLARITY CONVENTION: ; PRESSURE INCREASE ON GEOPHONE: [x] NEGATIVE [ ] POSITIVE; NUMBERS ON MAG. TAPE / ON DISPLAY: [x] DOWNBREAK [ ] UPBREAK

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: 1 hole/inline; CHG/HOLE: 20; HOLE DEPTH: 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: 300; PATTERN: Inline; NO. OF ELEMENTS: 18; INLINE SPACING: 12; LATERAL SPACING: ; CONNECTION: series-parallel; RESISTANCE: 340 ohms; STAGGER: ; LENGTH: ; WIDTH: ; LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 48; GROUP INTERVAL: 330; SHOTPOINT INTERVAL: 1320; FOLD: 6; DIRECTION OF PROGRESSION: North; OFFSET GROUP 1: 7755; OFFSET GROUP 24: 165; OFFSET GROUP 25: 165; OFFSET GROUP 48/96: 7755; LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	REC.	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.	REC.	TR 49-96 HT.	REC.
1 36		9 12	13 16	17 22	23 26	27 29	30 32		35 37									
1 27	1	7151118186	313 10			120	167	211			65	16+1 - 27+4	2					
1 28	1		313 11			120	167	212			29	17+1 - 28+4	3	Recorder @ SP-38				
1 29	1		313 12			120	167	213			33	18+1 - 29+4						
1 35	1		313 13			120	167	214			37	19+1 - 30+4						
1 36	1		313 14			120	167	215			41	20+1 - 31+4						
1 37	1		313 15			120	167	216			45	21+1 - 32+4						
1 38	1		313 16			120	167	217			49	22+1 - 33+4						
1 39	1		313 17			120	167	218			53	23+1 - 34+4						
1 310	1		313 18			120	167	219			57	24+1 - 35+4						
1 311	1		313 19			120	167	310			61	25+1 - 36+4						
1 312	1		313 110			120	167	311			65	26+1 - 37+4						

Recording hrs. 18

LAND SEISMIC RECORDING LOG

CLIENT: HUSKY | PROSPECT: NPR-A | AREA: BARROW | LINE NO: 614

PARTY NO: 1182 | INST. ENG: STREFF-WINDHAM | DATE: MO 2 DAY 7 YR 72

INSTRUMENT (9-TRACK): [X] 1 SYSTEM [ ] 2 SYSTEMS; [X] 1-24 & 25-48 [ ] 1-48 & 49-96 [ ] ODDS & EVENS; TYPE: [ ] DFS III [ ] DFS IV [X] DFS V [ ] OTHER; [X] 9 TRACK [ ] 21 TRACK; FORMAT: SEG B; [X] 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) | AUXILIARY DATA: (1) (2) (3) (4) (5) (6) (7) | AUXILIARY CHANNEL NOS.:

PARAMETER: RECORD LENGTH: 6 sec. | SAMPLE RATE: [ ] 1 ms. [ ] 4 ms. [X] 2 ms. [ ] ms. | GAIN MODE: [X] IFP [ ] INITIAL [ ] FINAL [ ] MANUAL [ ] OPERATE | FILTERS: FREQ. OUT LO CUT HZ SLOPE — FREQ. 128 HI CUT HZ SLOPE 70 NOTCH FILTER: [ ] IN [X] OUT

DISPLAY: MODE: [X] AGC [ ] FLOAT [ ] DEFLOAT [ ] AMPLIFIER [ ] DIRECT | INITIAL GAIN: 24 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: [X] DYNAMITE [ ] VIBROSEIS [ ] OTHER | PATTERN: SINGLE HOLE INLINE | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET: | CHG/HOLE: 20 | HOLE DEPTH: E 75 | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP.:

RECEIVER: TYPE: 20 D | PATTERN: INLINE | NO. OF ELEMENTS: 18 | INLINE SPACING: 12' | LATERAL SPACING: | CONNECTION: SERIES/PARALLEL | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 48 | GROUP INTERVAL: 330' | SHOTPOINT INTERVAL: 1320' | FOLD: 6 | DIRECTION OF PROGRESSION: NORTH | OFFSET GROUP 1: 7755' | OFFSET GROUP 24: 165' | OFFSET GROUP 25: 165' | OFFSET GROUP 48/96: 7755' | LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION: 29 28 ← 32 Sp 33 34 → 38 39; TRACE 1, TRACE 24, TRACE 25, TRACE 48

FILE # 341-349 DAILY TESTS
FILE # 345 N.G.
FILE # 350 TEST T.B.

SHOTPOINT	REC.	TR. to REEL NO.	REC.	TR. to REEL NO.	REC.	SIZE	DEPTH	SHOT NO.	OFFSET	DIR.	COP SWITCH	SPREAD LINE GROUPS	SET UP	REMARKS	CORR. STACK TR 1-48 HI.	REC.	TR 49-96 HI.	REC.
33		7151 8 8 16	1351			20	167	11			29	27+1 - 38+4	1	RECORDER AT SP 38				
34			1352			20	167	12			33	28+1 - 39+4						
35			1353			20	167	13			37	29+1 - 40+4						
36			1354			20	167	14			41	30+1 - 41+4						
37			1355			20	167	15			45	31+1 - 42+4						
38			1356			20	167	16			49	32+1 - 43+4						
39			1357			20	167	17			53	33+1 - 44+4						
40			1358			20	167	18			37	34+1 - 45+4	2	RECORDER AT 43				
41			1359			20	167	19			41	35+1 - 46+4						
42			1360			20	167	10			45	36+1 - 47+4						
43			1361			20	167	11			49	37+1 - 48+4		TRACE 48-1 IS DEAD				
44			1362			20	167	12			53	38+1 - 49+4						
45			1363			20	167	13			57	39+1 - 50+4						
46			1364			20	167	14			61	40+1 - 51+4						
47			1365			20	167	15			65	41+1 - 52+4						
48			1366			20	167	16			25	42+1 - 53+4	3	RECORDER AT 54				
49			1367			20	167	17			29	43+1 - 54+4						
50			1368			20	167	18			33	44+1 - 55+4						
51			1369			20	167	19			37	45+1 - 56+4						
52			1370			20	167	20			41	46+1 - 57+4						

LAND SEISMIC RECORDING LOG

CLIENT: HUSKY | PROSPECT: NPR-A | AREA: BARROW | LINE NO: 614

PARTY NO: 1182 | INST. ENG: STREFF - WINDHAM | DATE: MO 2 DAY 7 YR 72

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) ☐ 556 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☑ 2600 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 (1) (2) (3) (4) (5) (6) (7)

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

PARAMETER: RECORD LENGTH: 6 sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☑ 2 ms. ☐ ms. | GAIN MODE: ☑ FP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: FREQ. OUT LO CUT HZ SLOPE FREQ. 128 HI CUT HZ SLOPE 70 NOTCH FILTER: ☐ IN ☑ OUT

DISPLAY: MODE: ☑ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: 30 db | SKIP 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: SINGLE HOLE INLINE | CHG/HOLE: 20 | HOLE DEPTH: 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: 20 D | PATTERN: INLINE | NO. OF ELEMENTS: 18 | INLINE SPACING: 12' | LATERAL SPACING: | CONNECTION: SERIES/PARALLEL | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 48 | GROUP INTERVAL: 330' | SHOTPOINT INTERVAL: 1320' | FOLD: 6 | DIRECTION OF PROGRESSION: NORTH | OFFSET GROUP 1: 7755' | OFFSET GROUP 24: 165' | OFFSET GROUP 25: 165' | OFFSET GROUP 48/96: 7755' | 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:	CORR. STACK TR 1-48 HT.	REC.	TR 49-96 HT.	REC.
613		741/1810	1371			20	61	721			45	47+1	58+4						
614			1372			20	61	722			49	48+1	59+4						
615			1373			20	61	723			29	49+1	60+4	4	RECORDER AT 60				
616			1374			20	61	724			33	50+1	61+4						
* 617			1375			20	61	725			37	51+1	62+4		CDP AS SHOWN - SHOT HOLE #58				
* 618			1376			20	61	726			41	52+1	63+4		" - SHOT HOLE #59				
* 617A			1377			20	61	727			37	51+1 53+1	62+4 64+4		SHOT HOLE #57 NORMAL CDP				
60			1378			20	61	728			49	54+1	65+4						
61			1379			20	61	729			29	55+1	66+4	5	RECORDER AT 66				
62			1380			20	61	730			33	56+1	67+4		TRACE 67-3 IS DEAD				
63			1381			20	61	731			37	57+1	68+4						
64			1382			20	61	732			41	58+1	69+4						
65			1383			20	61	733			45	59+1	70+4						
66			1384			20	61	734	100	EAST	49	60+1	71+4						
67			1385			20	61	735	100	EAST	53	61+1	72+4						
68			1386			20	61	736	100	EAST	57	62+1	73+4						

Recording hrs. 14.0

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-A | AREA: Barrow | LINE NO: 614

PARTY NO: 1182 | INST. ENG: Streff - Windham | DATE: MO 2 DAY 8 YR 79

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) ☐ 556 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: 6 sec. | SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☒ 2 ms. ☐ ___ ms. | GAIN MODE: ☐ INITIAL ☐ MANUAL ☒ IFP ☐ FINAL ☐ OPERATE | FILTERS: FREQ. Out LO CUT HZ SLOPE -70- | FREQ. 128 HI CUT HZ SLOPE 70 | NOTCH FILTER: ☐ IN ☒ OUT

DISPLAY: MODE: ☒ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: 30 db | TRIP SENS: 7 db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: ☒ NEGATIVE ☐ POSITIVE | NUMBERS ON MAG. TAPE: ☐ DOWNBREAK ☐ UPBREAK } ON DISPLAY

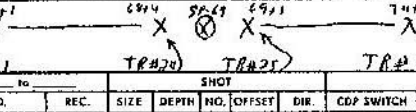
CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM/ALT SW.

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

RECEIVER: TYPE: 20 D | PATTERN: INLINE | NO. OF ELEMENTS: 18 | INLINE SPACING: 12' | LATERAL SPACING: | CONNECTION: SERIES/PARRALLEL | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 48 | GROUP INTERVAL: 330' | SHOTPOINT INTERVAL: 1320' | FOLD: 6 | DIRECTION OF PROGRESSION: NORTH | OFFSET GROUP 1: 7755' | OFFSET GROUP 24: 165' | OFFSET GROUP 25: 165' | OFFSET GROUP 48/96: 7755' | LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION:



SHOTPOINT	REC	TR. ___ to ___ REEL NO.	REC.	TR ___ to ___ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	SPREAD LINE GROUPS	SET UP	REMARKS:	CORR. STACK TR 1-48 HT.	REC.	TR 48-96 HT.	REC.
617		7551	3196			20	167	11			25	63+1 – 74+4	1	Recorder At 75				
620			3197			20	167	12			29	64+1 – 75+4						
621			3198			20	167	13			33	65+1 – 76+4						
622			3199			20	167	14			37	66+1 – 77+4						
623			4000			20	167	15			41	67+1 – 78+4						
624			4001			20	167	16			45	68+1 – 79+4						
625			4002			20	167	17			49	69+1 – 80+4						
626			4003			20	167	18			29	70+1 – 81+4	2	Recorder @ SP 81				
627			4004			20	167	19			33	71+1 – 82+4						
628			4005			20	167	20			37	72+1 – 83+4						
629			4006			20	167	21			41	73+1 – 84+4						
630			4007			20	167	22			45	74+1 – 85+4						
631			4008			20	167	23			49	75+1 – 86+4						
632			4009			20	167	24			29	76+1 – 87+4	3	Recorder @ SP-87				
633			4010			20	167	25			33	77+1 – 88+4						
634			4011			20	167	26			37	78+1 – 89+4						
635			4012			20	167	27			41	79+1 – 90+4						
636			4013			20	167	28			45	80+1 – 91+4						
637			4014			20	167	29			49	81+1 – 92+4						
638			4015			20	167	30			53	82+1 – 93+4						

LAND SEISMIC RECORDING LOG

CLIENT: Husky
PROSPECT: NPR-A
AREA: Barrow
LINE NO: 614
PARTY NO: 1182
INST. ENG: Streff-Windham
DATE: MO 2 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: 6 sec.
SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☒ 2 ms. ☐ ms.
GAIN MODE: ☐ INITIAL ☐ MANUAL ☒ IFP ☐ FINAL ☐ OPERATE
FILTERS: FREQ. OUT LO CUT HZ SLOPE — FREQ 128 HI CUT HZ SLOPE 70
NOTCH FILTER: ☐ IN ☒ OUT

DISPLAY
MODE: ☒ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT
INITIAL GAIN: 30 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 SINGLE HOLE
CHG/HOLE: 20
HOLE DEPTH: 75
NO. OF POSITIONS:
SWEEP POSITION:
INLINE SPACING:
SWEEP START:
LATERAL SPACING:
SWEEP END:
STAGGER:
SWEEP LENGTH:
LENGTH:
SWEEP TAPER:
WIDTH:
PHASE COMP:
LATERAL OFFSET:

RECEIVER
TYPE: 20 D
CONNECTION: SERIES/PARALLEL
PATTERN: INLINE
RESISTANCE: 560 ohms
NO. OF ELEMENTS: 18
STAGGER:
INLINE SPACING: 12'
LENGTH:
LATERAL SPACING:
WIDTH:
LATERAL OFFSET:

SPREAD
NO. OF GROUPS: 48
OFFSET GROUP 1: 7755'
GROUP INTERVAL: 330'
OFFSET GROUP 24: 165'
SHOTPOINT INTERVAL: 1320'
OFFSET GROUP 25: 165'
FOLD: 6
OFFSET GROUP 48/96: 7755'
DIRECTION OF PROGRESSION: NORTH
LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	PZ	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 HI	REC.	TR 49-96 HI	REC.
1 56		7 12	13 16	17 22	23 26	27 29	30 32		35 37									
1819		7510886	4116	7510886		20	67	21			57	83+1 - 94+4	3					
1910			4117			20	67	22			61	84+1 - 95+4						
1911			4118			20	67	23			65	85+1 - 96+4						
1912			4119	7510887		20	67	24			69	86+1 - 97+4		* TAPE Change *				
1913			4120			20	67	25			73	87+1 - 98+4						
1914			4121			20	67	26			29	88+1 - 99+4	4	RECORDER AT 99				
1915			4122			20	67	27			33	89+1 - 100+4						
1916			4123			20	67	28			37	90+1 - 101+4						
1917			4124			20	67	29			41	91+1 - 102+4						
1918			4125			20	67	30			45	92+1 - 103+4						
1919			4126			20	67	31			49	93+1 - 104+4						
1920			4127			20	67	32			53	94+1 - 105+4						
1921			4128			20	67	33			57	95+1 - 106+4						
1922			4129			20	67	34			61	96+1 - 107+4						
1923			4130			20		35			65	97+1 - 108+4						
1924			4131			20		36			69	98+1 - 109+4						
1925			4132			20		37			73	99+1 - 110+4						

Recording Hrs 16

LAND SEISMIC RECORDING LOG

CLIENT: Husky
PROSPECT: NPR-A
AREA: Barrow
LINE NO: 614
PARTY NO: 1182
INST. ENG: Streff - Windham
DATE: MO 2 DAY 9 YR 79

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) ☐ 556 BPI ☐ 800 BPI (HI) ☐ 722 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: 204 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: 6 sec.
SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☑ 2 ms. ☐ ms.
GAIN MODE: ☐ INITIAL ☐ MANUAL ☑ OFF ☐ FINAL ☐ OPERATE
FILTERS: FREQ. — LO CUT HZ SLOPE — FREQ. 128 HI CUT HZ SLOPE 72
NOTCH FILTER: ☐ IN ☑ OUT

DISPLAY
MODE: ☑ AGC ☐ FLOAT ☐ AMPLIFIER ☐ DEFLOAT ☐ DIRECT
INITIAL GAIN: 76 db
TRIP SENS.: 6 db
POLARITY CONVENTION:
PRESSURE INCREASE ON GEOPHONE: ☑ NEGATIVE ☐ POSITIVE
NUMBERS ON MAG. TAPE: ☑ DOWNBREAK ☐ UPBREAK } ON DISPLAY

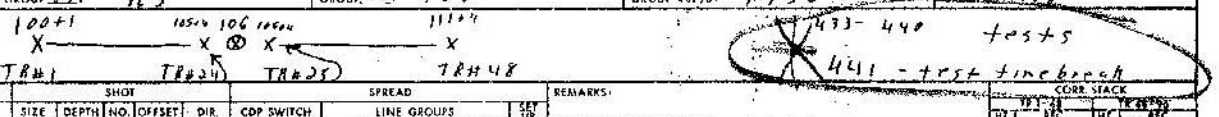
CFS I
TYPE STACK:
GATE LENGTH:
RECORD REJECTION:
NOISE REDUCTION:
NOISE THRESHOLD:
CORR. SCALING:
F.C.U. NORM/ALT SW.

SOURCE
TYPE: ☑ DYNAMITE ☐ VIBROSEIS ☐ OTHER
PATTERN: Shot/Inline
CHG/HOLE: 20
HOLE DEPTH: 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: 20-D
CONNECTION: Series-Parallel
PATTERN: Inline
RESISTANCE: 56 ohms
NO. OF ELEMENTS: 18
STAGGER:
INLINE SPACING: 15'
LENGTH:
LATERAL SPACING:
WIDTH:
LATERAL OFFSET:

SPREAD
NO. OF GROUPS: 48
GROUP INTERVAL: 330
SHOTPOINT INTERVAL: 1320
FOLD: 6
DIRECTION OF PROGRESSION: North
OFFSET GROUP 1: 7755
OFFSET GROUP 24: 165
OFFSET GROUP 25: 165
OFFSET GROUP 48/96: 7755
LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION:



SHOTPOINT	PT.	TR. ___ to ___ REEL NO.	REC.	TR. ___ to ___ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	SPREAD LINE GROUPS	SET UP	REMARKS	CORR. STACK TR.	REC.	TR.	REC.
1016		7551	4412			20	167	11			29	100+1 - 111+4	1	Recorder @ 111				
1017			4413			20	167	12			33	101+1 - 112+4						
1018			4414			20	167	13			37	102+1 - 113+4						
1019			4415			20	167	14			41	103+1 - 114+4						
1110			4416			20	167	15			45	104+1 - 115+4						
1111			4417			20	167	16			49	105+1 - 116+4						
1112			4418			20	167	17			53	106+1 - 117+4						
1113			4419			20	167	18			57	107+1 - 118+4						
1114			4510			20	167	19			61	108+1 - 119+4						
1115			4511			20	167	110			65	109+1 - 120+4						
1116			4512			20	167	111			65	109+1 - 120+4		CDP - does not move - Shooting through the cable				
1117			4513			20	167	112			65	109+1 - 120+4						
1118			4514			20	167	113			65	109+1 - 120+4						
1119			4515			20		114			65	109+4 - 120+4						
1120			4516			20		115			65	109+4 - 120+4						
1121			4517			20		116			65	109+5 - 120+4						
												E.O.L.						

*E.O.L.