LAND SEISMIC RECORDING LOG

CLIENT: Husky	PROSPECT: NPR-4	AREA: Key Creek	LINE NO: KD-103
PARTY NO: 1182	INST. ENG: B. Craig - J. Windham	07⁰⁰ - 21⁰⁰ 14 Hours	DATE: MO 3 DAY 22 YR 77

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 TIAC; ☐ 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: 30 db; INPUT IMPEDANCE: 500 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 DISPLAY CFS I: RECORD LENGTH: 6 sec.; SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☒ 2 ms. ☐ ___ ms.; GAIN MODE: ☐ INITIAL ☐ MANUAL ☒ IFP ☐ FINAL ☐ OPERATE; FILTERS: FREQ. 8 LO CUT HZ SLOPE 36; FREQ. 124 HI CUT HZ SLOPE 72; NOTCH FILTER: ☐ IN ☒ OUT

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

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; CHG/HOLE: 50; HOLE DEPTH: 90; 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: GSC-20d; PATTERN: In line; NO. OF ELEMENTS: 18; INLINE SPACING: ; LATERAL SPACING: ; CONNECTION: Series-Parallel; RESISTANCE: 500 ohms; STAGGER: ; LENGTH: ; WIDTH: ; LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 48; GROUP INTERVAL: 330'; SHOTPOINT INTERVAL: 1320'; FOLD: 6; DIRECTION OF PROGRESSION: North to South; OFFSET GROUP 1: ; OFFSET GROUP ___: ; OFFSET GROUP ___: ; OFFSET GROUP 48/96: ; LEADING GROUP:

DIAGRAMS/MISC. INFORMATION: Tail spread #24 → xxxx — x ▲ SP-1 xxxx ▲ — x ▲ SP-7

TRACE #1 TRACE #24 Hole being shot TRACE #25 TRACE #48

Note * RN-0001 through RN-0015 Daily Instrument Tests — RN-0016 Test TB

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 HI.	REC.	TR 48-96 HI.	REC.
1	5635	00020			50	90	1	225	NW	1/1	T-24 - SP-7	1	RN-0017 misfire				
2		00021			50	90	2			1/5	T-20 - SP-8						
3		00023			50	90	3			1/9	T-16 - SP-9		RN-0022 misfire				
4		00024			50	90	4			1/13	T-12 - SP-10						
5		00025			50	90	5			1/17	T-8 - SP-11						
6		00026			50	90	6			1/21	T-4 - SP-12						
7		00027			50	90	7			1/25	SP-1 - SP-13						
8		00030			50	90	8			1/29	SP-2 - SP-14						
9		00031			50	90	9	75	W	1/33	SP-3 - SP-15						
10		00032			50	90	10			1/37	SP-4 - SP-16						
11		00033			50	90	11			1/1	SP-5 - SP-17	2					
12		00034			50	90	12			1/5	SP-6 - SP-18						
13		00037			50	90	13			1/9	SP-7 - SP-19		RN-0035 - RN-0036 misfires				
14		00040			50	90	14			1/13	SP-8 - SP-20						
15		00041			50	90	15			1/17	SP-9 - SP-21						
16		00042			50	90	16			1/21	SP-10 - SP-22						
17		00043			50	90	17			1/25	SP-11 - SP-23						

LAND SEISMIC RECORDING LOG

CLIENT: Husky | PROSPECT: NPR-4 | AREA: Key Creek | LINE NO: KD-103

PARTY NO: 1182 | INST. ENG: B. Crair - J. Windham | 07:00 - 20:30 | 13.50 Hours | DATE: MO 3 DAY 23 YR 71

INSTRUMENT (9-TRACK): [x] 1 SYSTEM [ ] 2 SYSTEMS | [x] 1-24 & 25-48 [ ] 1-48 & 49-96 | [ ] ODDS & EVENS | TYPE: [ ] DFS III [x] DFS IV [ ] DFS X [ ] OTHER | [ ] 9 TRACK [x] 21 TRACK | FORMAT: SEG TIAC | [ ] GAPPED [ ] UNGAPPED | PACKING DENSITY: (LO) [x] 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. [x] OCT. | GAIN CONSTANT: 30 db | INPUT IMPEDANCE: 500 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: 6 sec. | SAMPLE RATE: [ ] 1 ms. [ ] 4 ms. [x] 2 ms. [ ] ms. | GAIN MODE: [x] IFP [ ] INITIAL [ ] FINAL [ ] MANUAL [ ] OPERATE | FILTERS: FREQ. 8 LO CUT HZ SLOPE 36 | FREQ. 124 HI CUT HZ SLOPE 72 | NOTCH FILTER: [ ] IN [x] OUT

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

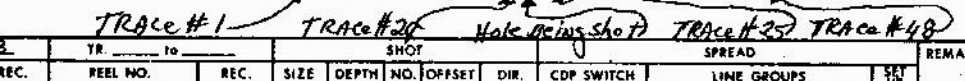
CFS I: TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM/ALT SW.

SOURCE: TYPE: [x] DYNAMITE [ ] VIBROSEIS [ ] OTHER | PATTERN: Single Hole | CHG/HOLE: 50 | HOLE DEPTH: 90 | 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: RSC-20d | PATTERN: Inline | NO. OF ELEMENTS: 18 | INLINE SPACING: | LATERAL SPACING: | CONNECTION: Series-Parallel | RESISTANCE: 500 ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 48 | GROUP INTERVAL: 330' | SHOTPOINT INTERVAL: 1320' | FOLD: 6 | DIRECTION OF PROGRESSION: North to South | OFFSET GROUP 1: | OFFSET GROUP ___: | OFFSET GROUP ___: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:



Note* RN-0044 through RN-0060 Daily Instrument Test RN-0061 Test TB

SHOTPOINT	TR. 1 to 48 REEL NO.	REC.	TR. ___ to ___ REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS	SET UP	REMARKS	CORR. STACK TR 1-48 HT.	REC.	TR 49-96 HT.	REC.
18	5613587	00062			50	90	11			1/1	SP-10 - SP-22	1	Wrong CDP setting Trace 1-8 Dead				
19		00063			50	90	12			1/13	SP-13 - SP-25						
20		00064			50	90	13			1/17	SP-14 - SP-26						
21		00065			50	90	14			1/21	SP-15 - SP-27						
22		00066			50	90	15			1/25	SP-16 - SP-28						
23		00067			50	90	16			1/29	SP-17 - SP-29						
24		00070			50	90	17			1/33	SP-18 - SP-30						
25		00071			50	90	18			1/37	SP-19 - SP-31						
26		00072			50	90	19			1/41	SP-20 - SP-32						
27		00073			50	90	10			1/45	SP-21 - SP-33						
28		00074			50	90	11			1/1	SP-22 - SP-34	2					
29		00075			50	90	12			1/5	SP-23 - SP-35						
30		00076			50	90	13			1/9	SP-24 - SP-36						
31		00077			50	90	14			1/13	SP-25 - SP-37						
32		01100			50	90	15			1/13	SP-26 - SP-38	3					
33		01101			50	90	16			1/17	SP-27 - SP-39						
34		01103			50	90	17			1/21	SP-28 - SP-40		RN-0102 - Misfire				
35		01104			50	90	18			1/25	SP-29 - SP-41						
36		01105			50	90	19			1/29	SP-30 - SP-4[illegible]						
37		01106			50	90	20			1/33	SP-31 - T-8						

LAND SEISMIC RECORDING LOG

CLIENT: HusKY | PROSPECT: NPR-4 | AREA: KeY CReeK | LINE NO: KD-103

PARTY NO: 1182 | INST. ENG: B. CRAIG - J. WINDHAM | 07:00 - 20:30 | 13.50 Hours | DATE: MO 3 DAY 23 YR 77

INSTRUMENT (9-TRACK)
☒ 1 SYSTEM ☐ 2 SYSTEMS | ☒ 1-24 & 25-48 ☐ 1-48 & 49-96 | ☐ ODDS ☐ EVENS | TYPE: ☐ DES III ☒ DFS IV ☐ DFS V ☐ OTHER ____ | ☐ 9 TRACK ☒ 21 TRACK | FORMAT: SEG ____ | ☐ 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: 30 db | INPUT IMPEDANCE: 500 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: ☒ TFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE | FILTERS: FREQ. 8 LO CUT HZ SLOPE 36 | FREQ. 124 HI CUT HZ SLOPE 72 | NOTCH FILTER: ☐ IN ☒ OUT

DISPLAY
MODE: ☒ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT | INITIAL GAIN: 18 db | TRIP SENS: 18 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 | CHG/HOLE: 50 | HOLE DEPTH: 90 | 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: GSC-20d | PATTERN: In line | NO. OF ELEMENTS: 18 | INLINE SPACING: | LATERAL SPACING:
CONNECTION: Series - Parallel | RESISTANCE: 500 ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD
NO. OF GROUPS: 48 | GROUP INTERVAL: 330' | SHOTPOINT INTERVAL: 1320' | FOLD: 6 | DIRECTION OF PROGRESSION: North to South
OFFSET GROUP 1: | OFFSET GROUP ____: | OFFSET GROUP ____: | OFFSET GROUP 48/96: | LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT (1-6)	TR 1 to 48 REEL NO. (7-12)	REC. (13-16)	TR ____ to ____ REEL NO. (17-22)	REC. (23-26)	SHOT SIZE (27-29)	DEPTH (30-32)	NO. (33-34)	OFFSET (35-37)	DIR.	CDP SWITCH	SPREAD LINE GROUPS	SET UP	REMARKS:	CORR. STACK TR 1-48 HT.	REC.	TR 48-96 HT.	REC.
38	5143587	01017			50	90	21			1/37	SP-32 - T-12	3					
39		01110			50	90	22			1/41	SP-33 - T-16						
40		01111			50	90	23			1/45	SP-34 - T-20						
41		01113			50	90	24			1/49	SP-35 - T-24		RN-0112 - misfire				