LAND SEISMIC RECORDING LOG

1 of

CLIENT:	Husky
PROSPECT:	NPR-4
AREA:	Fortress Mtn Play
LINE NO:	731
DATE:	MO 3 DAY 15 YR 80
PARTY NO:	1180
INST. ENG:	Streff

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: 228; NO. BYTES IN RECORD ID: 24; NO. BYTES PER SCAN: 254; RECORD NUMBERS: ☒ DEC. ☐ OCT; GAIN CONSTANT: 36 db; INPUT IMPEDANCE: 20000 ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: 1-96; DATA CHANNEL NOS.: 5-100 (ON MAG TAPE)

AUXILIARY DATA:	(1) 0	(2) 1	(3) 2	(4) 3	(5) 4	(6)	(7)
AUXILIARY CHANNEL NOS.:	TW	SPS	TB	EM	0		

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

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

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

SOURCE: TYPE: ☒ DYNAMITE ☐ VIBROSEIS ☐ OTHER; PATTERN: Inline - 1 hole; CHG/HOLE: 110; HOLE DEPTH: 105; 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: 6; LENGTH: 110; FOLD: 6; LATERAL SPACING:; WIDTH:; LATERAL OFFSET:; DIRECTION OF PROGRESSION: East

SPREAD: NO. OF GROUPS: 96; GROUP INTERVAL: 110; SHOTPOINT INTERVAL: 880; LEADING GROUP: 96; OFFSET GROUP 1: 5225; OFFSET GROUP 38: 55; OFFSET GROUP 99: 55; OFFSET GROUP 48/96: 5225

DIAGRAMS/MISC. INFORMATION: H1-11 CS15; 12-13 test TB

T-1 ↑ T-12 xxxxxxxxxxxx — SP-94 — East → — SP 99 xxxxxxxx SP 100 TRH56 ↑ 15 ms-

SHOTPOINT	SP	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 49-96 HT.	REC.
94		78/40	14			110	105	1			25	T-1 - 99+8	1	Recorder @ SP-94				
95			15			110	105	2			33	T-9 - 100+8		SP-98-105 Top of Ridge - tracks - no show -				
96			16			110	105	3			41	T-17 - 101+8						
97			17			110	105	4	130	E	49	T-25 - 102+8						
98			18			110	105	5			9	T-33 - 103+8	2	Recorder @ SP-100				
99			19			110	105	6			17	T-41 - 104+8						
100			20			110	105	7			25	94+1 - 105+8		High winds over ridge tops				
101			21			110	105	8			33	95+1 - 106+8						
102			22			110	105	9			41	96+1 - 107+8						
103			23			110	105	10			49	97+1 - 108+8						
104			24			110	105	11			9	98+1 - 109+8	3	Recorder @ SP-106				
105			25			110	105	12	110	E	17	99+1 - 110+8						
106			26			110	105	13			25	100+1 - 111+8						
107			27			110	105	14	25	S	33	101+1 - 112+8						
108			28			110	105	15	30	W	41	102+1 - 113+8						
109			29			110	105	16			49	103+1 - 114+8						
110			30			110	105	17	100	W	9	104+1 - 115+8	4	Recorder @ SP-112				
111			31			110	105	18	25	S	17	105+1 - 116+8						
112			32			110	105	19			25	106+1 - 117+8						
113			33			110	105	20			33	107+1 - 118+8						

LAND SEISMIC RECORDING LOG

2 of

CLIENT: Husky	PROSPECT: NPR-4	AREA: Fortress Mtn Plg	LINE NO: 731
PARTY NO: 118	INST. ENG: Streff		DATE: MO 3 DAY 15 YR 80

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. ☐ 2 ms. ☐ 4 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. ___ 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.
1114	9840619	314			110	105	21	015	S	41	108+1 - 119+8	4					
1115		315			110	105	22			49	109+1 - 120+8						
1116		316			110	105	23			9	110+1 - 121+8	5	Recorder @ SP 118				
1117		317			110	105	24			17	111+1 - 122+8						
1118		318			110	105	25			25	112+1 - 123+8						
1119		319			110	105	26			33	113+1 - 124+8						
1120		320			110	105	27	80	W	41	114+1 - 125+8						
1121		321			110	105	28			49	115+1 - 126+8						
1122		322			110	105	29			9	116+1 - 127+8	6	Recorder @ SP - 124				
1123		323			110	105	30			17	117+1 - 128+8						
1124		324			110	105	31			25	118+1 - 129+8						
1125		325			110	105	32			33	119+1 - 130+9						
1126		326			110	105	33			41	120+1 - 131+9						
1127		327			110	105	34			49	121+1 - 132+8		#49 - NG				
1128	9840720	500			110	105	35			9	122+1 - 133+8	7	Recorder @ SP-130 #48 allones Tape chang.				
1129		501	Shot cutoff		110	105	36	30	E	17	123+1 - 134+8		[redacted] #51 N.G.				
1130		502	Sequence		110	105	37			25	124+1 - 135+8		#52 N.G.				
1131		not loaded			[redacted]		38			—	125+1 - 136+8						
1132		505			110	105	39			41	126+1 - 137+8						
~~1133~~					~~110~~	~~105~~	~~40~~			~~49~~	~~127+1 - 138+8~~						

LAND SEISMIC RECORDING LOG

CLIENT: Husky
PROSPECT: NPR-4
AREA: Fortress Mtn Play
LINE NO: 731
PARTY NO: 1186
INST. ENG: Stoeff
DATE: MO 3 DAY 16 YR 80

INSTRUMENT (9-TRACK)
☒ 1 SYSTEM ☐ 2 SYSTEMS
☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☒ ODDS ☐ EVENS
TYPE: ☐ DFS III ☐ DFS IV ☒ DFS X ☐ 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: 228
NO. BYTES IN RECORD ID: 24
NO. BYTES PER SCAN: 254
RECORD NUMBERS: ☒ DEC. ☐ OCT.
GAIN CONSTANT: 36 db
INPUT IMPEDANCE: 20000 ohms

CONFIGURATION (MAG TAPE)
FIELD TRACE NOS.: 1-96
DATA CHANNEL NOS.: 5-100 (ON MAG TAPE)
AUXILIARY DATA: (1) 0 (2) 1 (3) 2 (4) 3 (5) 4 (6) (7)
AUXILIARY CHANNEL NOS.: TW SPS TB GM 0

PARAMETER
RECORD LENGTH: 8 sec.
SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☒ 2 ms. ☐ ___ ms.
GAIN MODE: ☒ INT ☐ 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: C db
TRIP SENS: C db
POLARITY CONVENTION: POS
PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☒ POSITIVE } NUMBERS ON MAG. TAPE
☒ DOWNBREAK ☐ UPBREAK } ON DISPLAY

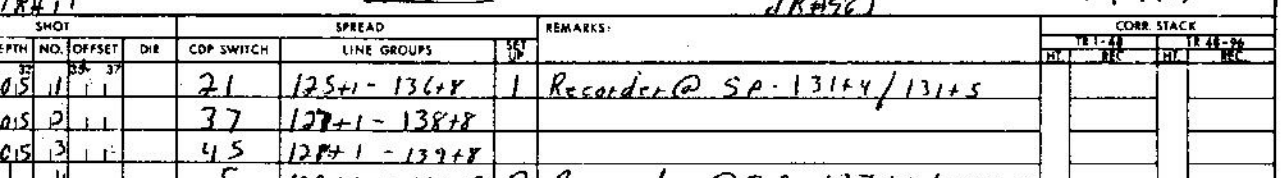
CFS I
GATE LENGTH:
RECORD REJECTION:
NOISE REDUCTION:
NOISE THRESHOLD:
CORR. SCALING:
R.C.U. NORM./ALT SW.

SOURCE
TYPE: ☒ DYNAMITE ☐ VIBROSEIS ☐ OTHER
PATTERN: Inline - Inline
CHG/HOLE: 110
HOLE DEPTH: 105
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: 6
LENGTH: 110
LATERAL SPACING:
WIDTH:
LATERAL OFFSET:

SPREAD
NO. OF GROUPS: 96
OFFSET GROUP 1: 5225
GROUP INTERVAL: 110
OFFSET GROUP 48: 55
SHOTPOINT INTERVAL: 880
OFFSET GROUP 49: 55
FOLD: 6
OFFSET GROUP 48/96: 5225
DIRECTION OF PROGRESSION: East
LEADING GROUP: 96

DIAGRAMS/MISC. INFORMATION:
#56-66 tests
#67 test TB



14 hrs

SHOTPOINT	REL.	TR ___ to ___ REEL NO.	REC.	TR ___ to ___ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR	COP SWITCH	SPREAD LINE GROUPS	SET UP	REMARKS:	CORR. STACK TR 1-48 HT.	REC	TR 48-96 HT.	REC
131		9840 70	68			110	105	1			21	125+1 - 136+8	1	Recorder @ SP-131+4/131+5				
133			69			110	105	2			37	127+1 - 138+8						
134			70			110	105	3			45	128+1 - 139+8						
135			71					4			5	129+1 - 140+8	2	Recorder @ SP-137+4/137+5				
136			72					5			13	130+1 - 141+8						
137			73					6			21	131+1 - 142+8						
138			74					7			29	132+1 - 143+8						
139			75					8			37	133+1 - 144+8						
140			76					9			45	134+1 - 145+8						
141			77					10			5	135+1 - 146+8	3	Recorder @ SP-143+4/143+5				
142			78					11			13	136+1 - 147+8						
143			79					12			21	137+1 - 148+8						
144			80					13			29	138+1 - 149+8						
145			81					14			37	139+1 - 150+8						
146			83					15			45	140+1 - 151+8		#82 N.G				
147			84					16			5	141+1 - 152+8	4					
148			85					17			13	142+1 - 153+8						
149			86					18			21	143+1 - 154+8						
150			87					19			29	144+1 - 155+8						
151			88			110	105	20	3.6	E	37	145+1 - 156+8						

LAND SEISMIC RECORDING LOG

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CLIENT: Husky	PROSPECT: NPR-4	AREA: Fortress Mtn Play	LINE NO: 731
PARTY NO: 1186	INST. ENG: Streft		DATE: MO 3 DAY 16 YR 8

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) ☐ 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: db INPUT IMPEDANCE: ohms. (1) (2) (3) (4) (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 ☐ FINAL ☐ MANUAL ☐ OPERATE ☐ IFP FILTERS: LO CUT FREQ. 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 PATTERN: CHG/HOLE: HOLE DEPTH: 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: 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 12 1-48 HT.	REC.	12 48-96 HT.	REC.
1157	9840710	89			114	1015	21			45	146+1 - 157+8						
1158		90					22			5	147+1 - 158+8	5	Recorder @ SP 155+4/+5				
1159		91					23			13	148+1 - 159+8		TRACE 1-68 Slashed - pickup crew				
1160		93					24			21	149+1 - 160+8		#92 - N.G				
1161		94					25			29	150+1 - 161+8						
1162		95					26			37	151+1 - 162+8		TR# 89 dead				
1163		96					27			45	152+1 - 163+8						
1164		97					28			5	153+1 - 164+8	6	Recorder @ SP - 161+4/+5				
1165		98					29			13	154+1 - 165+8						
1166	9840711	100					30	30	NE	21	155+1 - 166+8		Tape change # 99 allones				
1167		101					31			29	156+1 - 167+8						
1168		102					32	60	W	37	157+1 - 168+8						
1169		103					33	40	S	45	158+1 - 169+8						
1170		104					34			5	159+1 - 170+8	7	Recorder @ SP - 167+4/+5				
1171		105					35			13	160+1 - 171+8						
1172		106					36			21	161+1 - 172+8						
1173		107					37			29	162+1 - 173+8						
1174		108					38			37	163+1 - 174+8						
1175		109					39			45	164+1 - 175+8						
1176		110					40			5	165+1 - 176+8	8	Recorder @ SP 173+4/+5				
1177		111					41	60	NW	13	166+1 - 177+8						
1178		112					42	900	SW	21	167+1 - 178+8						

LAND SEISMIC RECORDING LOG

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CLIENT: Husky	PROSPECT: NPR-4	AREA: Fortress Mtn Play	LINE NO: 731
PARTY NO: 1186	INST. ENG: Streff		DATE: MO 7 DAY 17 YR 80

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: 228; NO. BYTES IN RECORD ID: 24; NO. BYTES PER SCAN: 254; RECORD NUMBERS: ☐ DEC. ☐ OCT.; GAIN CONSTANT: 76 db; INPUT IMPEDANCE: 20000 ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: 1-96; DATA CHANNEL NOS.: 5-100 (ON MAG TAPE)

AUXILIARY DATA: (1) 0 (2) 1 (3) 2 (4) 3 (5) 4 (6) (7)
AUXILIARY CHANNEL NOS.: TW SPS TB FM 0

PARAMETER: RECORD LENGTH: 8 sec.; SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms.; GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ TFP ☐ 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: 0 db; TRIP SENS: 0 db; POLARITY CONVENTION: P05; PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE; NUMBERS ON MAG. TAPE / ON DISPLAY: ☐ DOWNBREAK ☐ UPBREAK

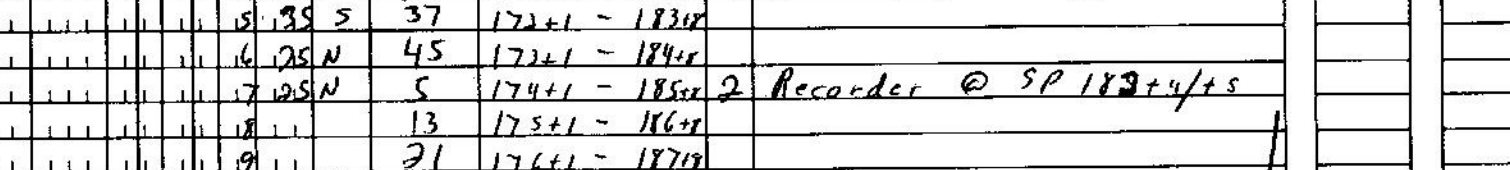
CFS I: TYPE STACK: ; GATE LENGTH: ; RECORD REJECTION: ; NOISE REDUCTION: ; NOISE THRESHOLD: ; CORR. SCALING: ; R.C.U. NORM/ALT SW

SOURCE: TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☐ OTHER; PATTERN: Inline - 1 hole; CHG/HOLE: 110; HOLE DEPTH: 105; NO. OF POSITIONS: ; INLINE SPACING: ; LATERAL SPACING: ; SWEEP POSITION: ; SWEEP START: ; SWEEP END: ; STAGGER: ; LENGTH: ; SWEEP 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: 6; LENGTH: 110; LATERAL SPACING: ; WIDTH: ; LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 96; GROUP INTERVAL: 110; SHOTPOINT INTERVAL: 880; FOLD: 6; DIRECTION OF PROGRESSION: East; OFFSET GROUP 1: 5225; OFFSET GROUP 48: 55; OFFSET GROUP 49: 55; OFFSET GROUP 48/96: 5225; LEADING GROUP: 96

DIAGRAMS/MISC. INFORMATION:
#113-123 tests
#124 test TB



15 hrs

SHOTPOINT	TR. REEL NO.	TR. REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR	CDP SWITCH	SPREAD LINE GROUPS	SET UP	REMARKS
174	9840711	125	110	105	1			5	168+1 - 174+8	1	Recorder @ SP 176+4/+5
175		126			2	50	W	13	169+1 - 180+8		
176		127			3	200	W	21	170+1 - 181+8		
177		128			4	135	E	29	171+1 - 182+8		
178		129			5	135	S	37	172+1 - 183+8		
179		130			6	125	N	45	173+1 - 184+8		
180		131			7	125	N	5	174+1 - 185+8	2	Recorder @ SP 182+4/+5
181		132			8			13	175+1 - 186+8		
182		133			9			21	176+1 - 187+8		
183		134			10	215	W	29	177+1 - 188+8		
184		135			11	150	NW	37	178+1 - 189+8		
185		136			12	25	N	45	179+1 - 190+8		
186		137			13			5	180+1 - 191+8	3	Recorder @ SP 188+4/+5
187		138			14			13	181+1 - 192+8		
188		139			15	30	W	21	182+1 - 193+8		
189		140			16			29	183+1 - 194+8		
190		141			17			37	184+1 - 195+8		
191		142			18			45	185+1 - 196+8		
192		143			19			5	186+1 - 197+8	4	Recorder @ SP-194+4/+5
193		144	110	105	20			13	187+1 - 198+8		

CORR. STACK: TR 1-48 HT. REC.; TR 48-96 HT. REC.

LAND SEISMIC RECORDING LOG

2 of 3

CLIENT: HUSKY	PROSPECT: NPR-4	AREA: Fortress Mtn Play	LINE NO: 731
PARTY NO: 1186	INST. ENG: Stieff		DATE: MO 3 DAY 17 YR 80

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.: ____ AUXILIARY DATA: ____ (1) (2) (3) (4) (5) (6) (7)

DATA CHANNEL NOS.: ____ (ON MAG TAPE) AUXILIARY CHANNEL NOS.: ____

PARAMETER: RECORD LENGTH: ____ sec. SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ____ ms. GAIN MODE: ☐ INITIAL ☐ IFP ☐ MANUAL ☐ 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 ____ 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 (1-36)	TR. ____ to ____ REEL NO. (7-12)	REC. (13-16)	TR. ____ to ____ REEL NO. (17-22)	REC. (23-26)	SHOT SIZE (27-29)	DEPTH (30-32)	NO. (33-35)	OFFSET (36-37)	DIR.	CDP SWITCH	SPREAD LINE GROUPS	SET UP	REMARKS	CORR. STACK TR 1-48 HT.	REC.	TR 48-96 HT.	REC.
194	98840711	1415			110	105	21			21	188+1-199+8	4					
195		1416					22			29	189+1-200+8						
196		1417					23			37	190+1-201+8						
197		1418					24			45	191+1-202+8						
198	98840722	1420					25			5	192+1-203+8	5	Recorder @ SP-200+4/+5				
199		1422					26	25	N	13	193+1-204+8		#149 & 11 on TAPE CHANGE				
200		1423					27			21	194+1-205+8		#151-N.G.				
201		1424					28			29	195+1-206+8						
202		1425					29			37	196+1-207+8						
203		1426					30			45	197+1-208+8						
204		1427					31			5	198+1-209+8	6	Recorder @ SP-206+4/+5				
205		1428					32			13	199+1-210+8						
206		1429					33			21	200+1-211+8						
207		1430					34			29	201+1-212+8						
208		1431					35			37	202+1-213+8						
209		1432					36			45	203+1-214+8						
210		1433					37			5	204+1-215+8	7	Recorder @ SP-212+4/+5				
211		1434					38			13	205+1-216+8						
212		1435					39			21	206+1-217+8						
213		1436			110	105	40			29	207+1-218+8						

LAND SEISMIC RECORDING LOG

3 of 3

CLIENT: Husky	PROSPECT: NPR-4	AREA: Fortress Mtn Play	LINE NO: 731
PARTY NO: 1186	INST. ENG: Stuff		DATE: MO 3 DAY 17 YR 80

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) ☐ 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: db INPUT IMPEDANCE: ohms.

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

DATA CHANNEL NOS.: (ON MAG TAPE) 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 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.	REC.	TR 48-96 HT.	REC.
2114	78410172	1167			110	105	411			37	208+1 - 218+8	7					
2115		1168					412	25	W	45	209+1 - 220+8						
2116		1169					413			5	210+1 - 221+8	8	Recorder @ SP-218+4/+5				
2117		1170					414			13	211+1 - 222+8						
2118		1171					415			21	212+1 - 223+8						
2119		1172					416			29	213+1 - 224+8						
2120		1173					417			37	214+1 - 225+8						
2121		1174					418			45	215+1 - 226+8						
2122		1175					419			5	216+1 - 227+8	9	Recorder @ SP-224+4/+5				
2123		1176					420	180	NE	13	217+1 - 228+8						
2124		1177					421			21	218+1 - 229+8						
2125		1178					422	30	W	29	219+1 - 230+8						
2126		1179					423			37	220+1 - 231+8						
2127		1180					424			45	221+1 - 232+8						
2128		1181					425			5	222+1 - 233+8	10	Recorder @ SP-230+4/+5				
2129		1182					426			13	223+1 - 234+8						
2130		1183					427			21	224+1 - 235+8						
2131		1184					428			29	225+1 - 236+8						
2132		1185					429			37	226+1 - 237+8						
2133		1186			110	105	430			45	227+1 - 238+8						

LAND SEISMIC RECORDING LOG

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CLIENT: Husky	PROSPECT: NPR-4	AREA: Fortress Mount. Plain	LINE NO: 731
PARTY NO: 1186	INST. ENG: Hinman – Sarff		DATE: MO 3 DAY 18 YR 80

INSTRUMENT (9-TRACK): [X] 1 SYSTEM [ ] 2 SYSTEMS; [ ] 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; [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: [ ] DEC. [ ] OCT; GAIN CONSTANT: db; INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: 1-96; DATA CHANNEL NOS.: 5-100 (ON MAG TAPE)

AUXILIARY DATA: (1) "T.W." (2) S.P.S. (3) T.B. (4) (5) (6) (7)
AUXILIARY CHANNEL NOS.: 0 1 2 3 4

PARAMETER: RECORD LENGTH: 8 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 18; FREQ 128 HI CUT HZ SLOPE 70; NOTCH FILTER: [ ] IN [X] OUT

DISPLAY: MODE: [X] AGC [ ] FLOAT [ ] DEFLOAT [ ] AMPLIFIER [ ] DIRECT; INITIAL GAIN: db; TRIP SENS: 0 db; POLARITY CONVENTION: POS; PRESSURE INCREASE ON GEOPHONE: [ ] NEGATIVE [X] 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/1 hole; CHG/HOLE: 110; HOLE DEPTH: 105; 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: ; NO. OF ELEMENTS: 18; INLINE SPACING: 6'; LATERAL SPACING: ; CONNECTION: Series/Parallel; RESISTANCE: 560 ohms; STAGGER: ; LENGTH: 110'; WIDTH: ; LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 96; GROUP INTERVAL: 110; SHOTPOINT INTERVAL: 880; FOLD: 6; DIRECTION OF PROGRESSION: ; OFFSET GROUP 1: 5225; OFFSET GROUP 48: 49; OFFSET GROUP 48: 49; OFFSET GROUP 48/96: 5225; LEADING GROUP: 96

DIAGRAMS/MISC. INFORMATION:

198+199 ~~test~~ TB
187-197 tests

SHOTPOINT	TR. to REEL NO.	TR. to REEL NO.	SHOT SIZE	SHOT DEPTH	SHOT NO.	SHOT OFFSET	DIR.	SPREAD CDP SWITCH	SPREAD LINE GROUPS	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.
234	9841973	200	110	105	1			5	228+1 - 239+8	1	recorder @ sp. 236+4/5				
235		201			2			13	229+1 - 240+8						
236		202			3			21	230+1 - 241+8						
237		203			4			29	231+1 - 242+8						
238		204			5			37	232+1 - 243+8						
239		205			6			45	233+1 - 244+8						
240		206			7			5	234+1 - 245+8	2	recorder @ sp. 242+4/5				
241		207			8			13	235+1 - 246+8						
242		208			9			21	236+1 - 247+8						
243		209			10			29	237+1 - 248+8						
244		210			11			37	238+1 - 249+8						
245		211			12			45	239+1 - 250+8						
246		212			13			5	240+1 - 251+8	3	recorder @ sp. 248+4/5				
247		213			14			13	241+1 - 252+8						
248		214			15			21	242+1 - 253+8						
249		215			16			29	243+1 - 254+8						
250		216			17			37	244+1 - 255+8						
251		217			18			45	245+1 - 256+8						
252		218			19	25	W	5	246+1 - 257+8	4	Recorder @ SP-254+4/5				
253		219	110	92.0				13	247+1 - 258+8						

LAND SEISMIC RECORDING LOG

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CLIENT: Husky	PROSPECT: NPR-4	AREA: Fortress Mtn Play	LINE NO: 731
PARTY NO: 1186	INST. ENG: Streff		DATE: MO 3 DAY 18 YR 80

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: ☐ 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 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.	REC.	TR 49-96 HT.	REC.
254	5840073	220			110	105	21			21	248+1 - 259+8	4					
255		221					22			29	249+1 - 260+8						
256		222					23			37	250+1 - 261+8						
257		223					24			45	251+1 - 262+8						
258		224					25			5	252+1 - 263+8	5	Recorder @ SP 260+4/+5				
259		225					26			13	253+1 - 264+8						
260		226					27			21	254+1 - 265+8						
261		227					28			29	255+1 - 266+8						
262		228					29			37	256+1 - 267+8						
263		229					30			45	257+1 - 268+8						
264		230					31			5	258+1 - 269+8	6	Recorder @ SP-266+4/+5				
265		231					32			13	259+1 - 270+8						
266		232					33			21	260+1 - 271+8						
267		233					34			29	261+1 - 272+8						
268		234					35			37	262+1 - 273+8						
269		235					36			45	263+1 - 274+8						
270	9840074	237					37			5	264+1 - 275+8	7	Recorder @ SP-272+4/+5	# 236 alones			
271		238					38	30	E	13	265+1 - 276+8			TAPE	CHANGE		
272		239					39			21	266+1 - 277+8						
273		240			110	105	40			29	267+1 - 278+8		1-48 slashed				

LAND SEISMIC RECORDING LOG

3 of 3

CLIENT: Husky	PROSPECT: NPR-4	AREA: Fortress Mtn Play	LINE NO: 731
PARTY NO: 1186	INST. ENG: Streff		DATE: MO 3 DAY 18 YR 80

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.: ____ AUXILIARY DATA: (1) ____ (2) ____ (3) ____ (4) ____ (5) ____ (6) ____ (7) ____

DATA CHANNEL NOS.: ____ (ON MAG TAPE) 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 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 (1–6)	TR ____ to ____ REEL NO. (7–12)	REC. (13–16)	TR ____ to ____ REEL NO. (17–22)	REC. (23–26)	SHOT SIZE (27–29)	DEPTH (30–32)	NO. (33–35)	OFFSET (36–37)	DIR	SPREAD CDP SWITCH	LINE GROUPS	SET UP	REMARKS:	CORR. STACK TR 1-48 HT.	REC.	TR 49-96 HT.	REC.
274	984074	241			110	105	41			37	268+1 – 279+8	7	SP-270-271 river bottom				
275		242					42			45	269+1 – 280+8						
276		243					43			5	270+1 – 281+8	8	Recorder @ SP-278+4/+5				
277		244					44			13	271+1 – 282+8						
278		245					45			21	272+1 – 283+8						
279		246					46			29	273+1 – 284+8						
280		247					47			37	274+1 – 285+8						
281					110	105	48			45	275+1 – 286+8						

LAND SEISMIC RECORDING LOG

CLIENT: Husky
PROSPECT: NPR-4
AREA: Fortress Mtn Play
LINE NO: 731
PARTY NO: 1180
INST. ENG: Streff
DATE: MO 3 DAY 19 YR 80

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: 228
NO. BYTES IN RECORD ID: 24
NO. BYTES PER SCAN: 254
RECORD NUMBERS: ☑ DEC. ☐ OCT.
GAIN CONSTANT: 36 db
INPUT IMPEDANCE: 20,000 ohms

CONFIGURATION (MAG TAPE)
FIELD TRACE NOS: 1-96
DATA CHANNEL NOS.: 5-100 (ON MAG TAPE)
AUXILIARY DATA: (1) 0 (2) 1 (3) 2 (4) 3 (5) 4 (6) (7)
AUXILIARY CHANNEL NOS.: TW SPS TB EM 0

PARAMETER
RECORD LENGTH: 8 sec.
SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☑ 2 ms. ☐ ms.
GAIN MODE: ☑ TFP ☐ 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: 0 db
TRIP SENS: 0 db
POLARITY CONVENTION: Pos
PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☑ POSITIVE
NUMBERS ON MAG. TAPE: ☑ DOWNBREAK ☐ UPBREAK ON DISPLAY

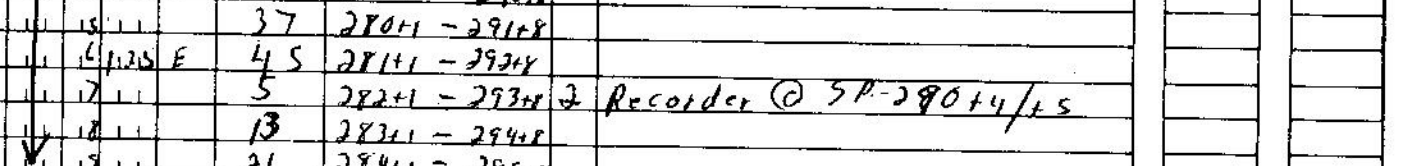
CFS I
TYPE STACK:
GATE LENGTH:
RECORD REJECTION:
NOISE REDUCTION:
NOISE THRESHOLD:
CORR. SCALING:
R.C.U. NORM/ALT SW.

SOURCE
TYPE: ☑ DYNAMITE ☐ VIBROSEIS ☐ OTHER
PATTERN: Inline 1 hole
CHG/HOLE: 110
HOLE DEPTH: 105
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: 6
LATERAL SPACING:
CONNECTION: Series-Parallel
RESISTANCE: 560 ohms
STAGGER:
LENGTH: 110
WIDTH:
LATERAL OFFSET:

SPREAD
NO. OF GROUPS: 96
GROUP INTERVAL: 110
SHOTPOINT INTERVAL: 880
FOLD: 6
DIRECTION OF PROGRESSION: East
OFFSET GROUP 1: 5225
OFFSET GROUP 48: 55
OFFSET GROUP 49: 55
OFFSET GROUP 48/96: 5225
LEADING GROUP: 96

DIAGRAMS/MISC. INFORMATION:
298-258 - tests
#259-260 test TB



SHOTPOINT	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 HI.	REC.	TR 49-96 HI.	REC.
282	78140174	261			110	105	1	140	E	5	276+1 - 287+8	1	Recorder @ SP 284+4/+5				
283		262					2	170	SE	13	277+1 - 288+8						
284		263					3	[redacted]	TW	21	278+1 - 289+8						
285		264					4			29	279+1 - 290+8						
286		265					5			37	280+1 - 291+8						
287		266					6	125	E	45	281+1 - 292+8						
288		267					7			5	282+1 - 293+8	2	Recorder @ SP-290+4/+5				
289		268					8			13	283+1 - 294+8						
290		269					9			21	284+1 - 295+8						
291		270				105	10	30	E	29	285+1 - 296+8						
292		271				100	11			37	286+1 - 297+8						
293		272				105	12			45	287+1 - 298+8						
294		273					13			5	288+1 - 299+8	3	Recorder @ SP-296+4/+5				
295		274					14			13	289+1 - 300+8						
296		275					15			21	290+1 - 301+8						
297		276					16			29	291+1 - 302+8						
298		277					17			37	292+1 - 303+8						
299		278					18			45	293+1 - 304+8						
300		279					19			5	294+1 - 305+8	4	Recorder @ SP-302+4/+5				
301		280			110	105	20			13	295+1 - 306+8						

LAND SEISMIC RECORDING LOG

2 of 2

CLIENT: Husky	PROSPECT: NPR-4	AREA: Fortress Mtn Play	LINE NO: 731
PARTY NO: 1186	INST. ENG: Streff		DATE: MO 3 DAY 19 YR 80

INSTRUMENT (9-TRACK): ☐ 1 SYSTEM ☐ 2 SYSTEMS; ☐ 1-24 & 25-48 ☐ 1-48 & 49-96; ☐ ODDS & EVENS; TYPE ☐ DFS III ☐ DFS IV ☐ DFS V ☐ DFS VI ☐ 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.: ____ (1) (2) (3) (4) (5) (6) (7) AUXILIARY DATA: ____ DATA CHANNEL NOS.: ____ (ON MAG TAPE) 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 1: 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. ____ to ____ REEL NO.	REC.	TR ____ to ____ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR	SPREAD COP SWITCH	LINE GROUPS	SET UP	REMARKS:	CORR. STACK TR 1-48 HT.	REC.	TR 49-96 HT.	REC.
3012		281			110	105	21			21	296+1 - 307+8						
3013		282					22	110	W	29	297+1 - 308+8						
3014		283					23			37	298+1 - 309+8						
3015		284					24	25	E	45	299+1 - 310+8						
3016		285					25			5	300+1 - 311+8	5	Recorder @ SP - 308+4/+5				
3017	9X40.75	287					26			13	301+1 - 312+8		Tape change #286 allones				
3018		288					27			21	302+1 - 313+8						
3019		289					28			29	303+1 - 314+8		Hole blew!				
3020		290					29	55	E	37	304+1 - 315+8						
3021		291					30	60	W	45	305+1 - 316+8						
3022		292					31			5	306+1 - 317+8	6	Recorder @ SP - 314+4/+5				
3023		293					32			13	307+1 - 318+8						
3024		294					33			21	308+1 - 319+8						
3025		295					34			29	309+1 - 320+8						
3026		296					35			37	310+1 - 321+8						
3027		297					36			45	311+1 - 322+8		Hole blew!				
3028		298					37			5	312+1 - 323+8	7	Recorder @ SP 320+4/+5				
3029		299					38			13	313+1 - 324+8						
3030		300					39	40	E	21	314+1 - 325+8						
3031		301					40			29	315+1 - 326+8						
3032		302					41			37	316+1 - 327+8						
3033		303					42	75	SW	45	317+1 - 328+8						

LAND SEISMIC RECORDING LOG

CLIENT: Husky	PROSPECT: NPR-4	AREA: Fortress Mtn Play	LINE NO: 731
PARTY NO: 1186	INST. ENG: Steff		DATE: MO 3 DAY 20 YR 80

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: 228 | NO. BYTES IN RECORD ID: 24 | NO. BYTES PER SCAN: 254 | RECORD NUMBERS: ☐ DEC. ☐ OCT | GAIN CONSTANT: 36 db | INPUT IMPEDANCE: 20000 ohms.

CONFIGURATION (MAG TAPE)

FIELD TRACE NOS.: 1-96

DATA CHANNEL NOS.: 5-100 (ON MAG TAPE)

AUXILIARY DATA:	[1]	[2]	[3]	[4]	[5]	[6]	[7]
	0	1	2	3	4		
AUXILIARY CHANNEL NOS.:	TW	SPS	TB	EM	0		

PARAMETER

RECORD LENGTH: 8 sec. | SAMPLE RATE: ☐ 1 ms ☑ 2 ms ☐ 4 ms ☐ ___ ms | GAIN MODE: ☐ TFP ☐ 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: 0 db | TRIP SENS: 0 db | POLARITY CONVENTION: POS | 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 - 1 hole | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

CHG/HOLE: 110 | HOLE DEPTH: 105 | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER

TYPE: 20-D | PATTERN: Inline | NO. OF ELEMENTS: 18 | INLINE SPACING: 6 | LATERAL SPACING:

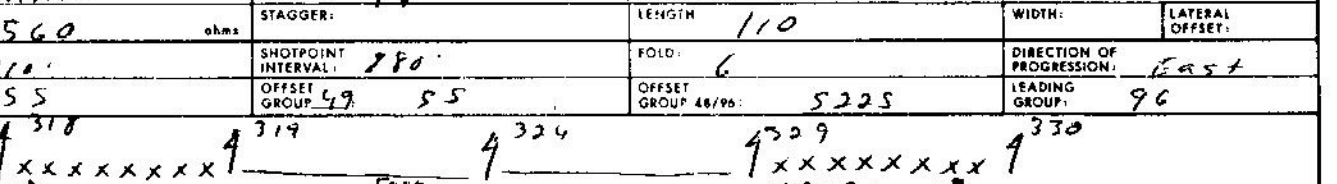
CONNECTION: Series-parallel | RESISTANCE: 560 ohms | STAGGER: | LENGTH: 110 | WIDTH: | LATERAL OFFSET:

SPREAD

NO. OF GROUPS: 96 | GROUP INTERVAL: 110' | SHOTPOINT INTERVAL: 280' | FOLD: 6 | DIRECTION OF PROGRESSION: East

OFFSET GROUP 1: 5225 | OFFSET GROUP 48: 55 | OFFSET GROUP 49: 55 | OFFSET GROUP 48/96: 5225 | LEADING GROUP: 96

DIAGRAMS/MISC. INFORMATION:
#304-313 test SIS
#314-315 test TB



SHOTPOINT	TR ___ to ___ REEL NO.	REC.	TR ___ to ___ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS	SET UP	REMARKS	CORR. STACK TR 1-48 HT.	REC.	TR 49-96 HT.	REC.
3214	9840175	3316			110	105	1			5	318+1 - 329+8	1	Recorder @ SP-326+4/+5				
3215		3317					2			13	319+1 - 330+8						
3216		3318					3			21	320+1 - 331+8						
3217		3319				105	4	215	W	29	321+1 - 332+8						
3218		3320					5			37	322+1 - 333+8						
3219		3321					6			45	323+1 - 334+8						
3220		3322					7			5	324+1 - 335+8	2	Recorder @ SP-332+4/+5				
3221		3323					8			13	325+1 - 336+8						
3222		3324					9	310	E	21	326+1 - 337+8						
3223		3325					10			29	327+1 - 338+8						
3224		3326					11			37	328+1 - 339+8						
3225		3327					12			45	329+1 - 340+8						
3226		3328					13			5	330+1 - 341+8	3	Recorder @ SP-338+4/+5				
3227		3329					14			13	331+1 - 342+8						
3228		3330					15			21	332+1 - 343+8						
3229		3331					16			29	333+1 - 344+8		TR# 1-3 dead				
3230		3332					17	315	N	37	334+1 - 345+8						
3231		3333					18			45	335+1 - 346+8						
3232	9840176	3337					19			5	336+1 - 347+8	4	Recorder @ SP-344+4/+5 #336 gallons				
3233		3338			110	105	20			13	337+1 - 348+8		#314-315 N.G.				

LAND SEISMIC RECORDING LOG

2 of 2

CLIENT: Husky
PROSPECT: NPR-4
AREA: Fortier SSMtn Play
LINE NO: 731
PARTY NO: 1/86
INST. ENG: Streff
DATE: MO 3 DAY 20 YR 80

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.: (1) (2) (3) (4) (5) (6) (7)
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: ☐ 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. ____ 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.
3144	98140076	338			110	10	21			21	338+1 — 349+8	4					
3145		340					22	35	W	29	339+1 — 350+8						
3146		341					23			37	340+1 — 351+8						
3147		342					24			45	341+1 — 352+8		1-48 slashed				
3148		343					25			5	342+1 — T-8	5	Recorder @ SP-350+4/+5				
3149		344					26			13	343+1 — T-16						
3150		345					27			21	344+1 — T-24						
3151		346					28			29	345+1 — T-32						
3152		347					29			37	346+1 — T-40						
3153		348			110	10.5	30	30	NE	45	347+1 — T-48						
											E.O.L.						