ALASKA LAND SEISMIC RECORDING LOG

CLIENT: USGS	PROSPECT:	AREA: NPRA	LINE NO: 31/81
PARTY NO: 1196	INST. ENG: HAMMOND		DATE: MO 3 DAY 12 YR 81

INSTRUMENT (9-TRACK)

- ☑ 1 SYSTEM ☐ 2 SYSTEMS
- ☐ 1-24 & 25-48 ☑ 1-48 & 49-96 1-60 61-120
- TYPE: ☑ DFS X ☐ OTHER
- FORMAT: SEG B ☐ GAPPED ☑ UNGAPPED
- PACKING DENSITY: (LO) ☐ 800 BPI (HI) ☑ 1600 BPI
- NO. BYTES IN HEADER REC: 220
- NO. BYTES IN RECORD ID:
- NO. BYTES PER SCAN: 2
- GAIN CONSTANT: 48 db
- INPUT IMPEDANCE: 2000 ohms

CONFIGURATION (MAG TAPE)

- FIELD TRACE NOS.: 1-96
- DATA CHANNEL NOS.: 97-99 [ON MAG TAPE]
- AUXILIARY DATA: SPS CLKTB CUST.TB (4) (5) (6) (7)
- AUXILIARY CHANNEL NOS.: 97 98 99

PARAMETER

- RECORD LENGTH: 6 sec.
- SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☑ 2 ms. ☐ ___ ms.
- GAIN MODE: ☑ TFP ☐ INITIAL ☐ FINAL
- FILTERS: FREQ. ___ LO CUT HZ SLOPE 8 FREQ. ___ HI CUT HZ SLOPE 128
- NOTCH FILTER: ☑ IN ☐ OUT

DISPLAY

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

FT 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: SINGLE HOLE
- NO. OF POSITIONS: 1
- INLINE SPACING: 440
- LATERAL SPACING: —
- STAGGER: —
- LENGTH: —
- WIDTH: —
- LATERAL OFFSET: —
- CHG/HOLE: 50#
- HOLE DEPTH: 90'
- SWEEP POSITION: —
- SWEEP START: —
- SWEEP END: —
- SWEEP LENGTH: —
- SWEEP TAPER: —
- PHASE COMP: —

RECEIVER

- TYPE: G/S 20 D
- PATTERN: INLINE
- NO. OF ELEMENTS: 18
- INLINE SPACING: 6.5'
- LATERAL SPACING: —
- CONNECTION: SERIES/PARALLEL
- RESISTANCE: 600 ohms
- STAGGER: —
- LENGTH: —
- WIDTH: —
- LATERAL OFFSET: —

SPREAD

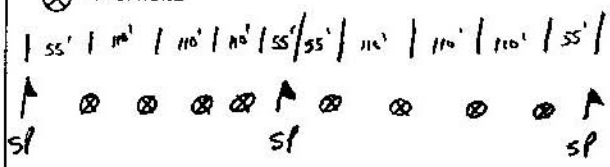
- NO. OF GROUPS: 96
- GROUP INTERVAL: 110'
- SHOTPOINT INTERVAL: 440'
- FOLD: 12
- DIRECTION OF PROGRESSION: SOUTH
- OFFSET GROUP 1: 5225
- OFFSET GROUP 49: 55'
- OFFSET GROUP 49: 55'
- OFFSET GROUP 48/96: 5225'
- LEADING GROUP: 96

DIAGRAMS/MISC. INFORMATION:

GEOPHONE LAYOUT DIAGRAM

STAKE

GEOPHONE



VIBRATOR ARRAY

SP START STAKE (OR FLAG)

SP STOP STAKE (OR FLAG)

LA) SEISMIC RECORDING) G

CLIENT: USGS
PROSPECT:
AREA: NPRA
LINE NO: 31/81
PARTY NO: 1186
INST. ENG: HAMMOND
DAILY TESTS
DATE: MO 3 DAY 12 YR 81

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:	CORE STACK TR 1-48 HT.	REC.	TR 48-96 HT.	REC.
100	372258	111			50	75	90			1	88.1 — 111.4	106	FN110 TEST FILE				
101		112			50	75	90			5	89.1 — 112.4						
102		113			50	75	90			9	90.1 — 113.4						
103		114			50	75	90			13	91.1 — 114.4						
104		115			50	75	90			17	92.1 — 115.4						
105		116			50	75	90			21	93.1 — 116.4						
106		117			50	75	90			25	94.1 — 117.4						
107		118			50	75	90			29	95.1 — 118.4						
108		119			50	75	90			33	96.1 — 119.4						
109		120			50	75	90			37	97.1 — 120.4						
110		121			50	75	90			41	98.1 — 121.4		VENTED				
111		122			50	75	90			45	99.1 — 122.4						
112		123			50	75	90			49	100.1 — 123.4						
113		124			50	75	90			5	101.1 — 124.4	118					
114		125			50	75	90			9	102.1 — 125.4						
115		126			50	75	90			13	103.1 — 126.4						
116		127			50	75	90			17	104.1 — 127.4						
117		128			50	75	90			21	105.1 — 128.4						
118		129			50	75	90			25	106.1 — 129.4						
119		130			50	75	90			29	107.1 — 130.4						
120		131			50	75	90			33	108.1 — 131.4						
121		132			50	75	90			37	109.1 — 132.4						
122		133			50	75	90			41	110.1 — 133.4						
123		134			50	60	75			45	111.1 — 134.4						
124		135			50	60	75			49	112.1 — 135.4						
125		136			50	60	75			5	113.1 — 136.4	130					
126		137			50	60	75			9	114.1 — 137.4						
127		138			50	60	75			13	115.1 — 138.4						

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CLIENT: USGS | PROSPECT: | AREA: NPRA | LINE NO: 31/81

PARTY NO: 1186 | INST. ENG: Hammond | DATE: MO 3 DAY 12 YR 81

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.
128	872581	139			50	60	75			17	116.1 — 139.4						
129		140			50	60	75			21	117.1 — 140.4						
130		141			50	60	75			25	118.1 — 141.4		T1 & T2 DEAD				
131		142			50	60	75			29	119.1 — 142.4						
132		143			50	60	75			33	120.1 — 143.4		T92 DEAD				
133		144			50	60	75			37	121.1 — 144.4						
134		145			50	60	75			41	122.1 — 145.4						
135		146			50	60	75			45	123.1 — 146.4						
136		147			50	60	75			49	124.1 — 147.4						
137		148			50	60	75			5	125.1 — 148.4	148					
138		149			50	60	75			9	126.1 — 149.4						
139		150			50	60	75			13	127.1 — 150.4						
140		151			50	60	75			17	128.1 — 151.4						
141		152			50	60	75			21	129.1 — 152.4						
142		153			50	60	75			25	130.1 — 153.4						
143		154			50	60	75			29	131.1 — 154.4		VENTED				
144		155			50	60	75			33	132.1 — 155.4						
145		156			50	60	75			37	133.1 — 156.4						
146		157			50	60	75			41	134.1 — 157.4		FN157 MISFIRE				
147		159			50	60	75			45	135.1 — 158.4						
148	872581	160	TAPE		50	60	75			49	136.1 — 159.4						
149	872582	161	CHANGE		50	60	75			17	137.1 — 160.4	151					
150		162			50	60	75			21	138.1 — 161.4						
151		163			50	60	75			25	139.1 — 162.4						
152		164			50	60	75			29	140.1 — 163.4						
153		165			50	60	75			33	141.1 — 164.4						
154		166			50	60	75			37	142.1 — 165.4						
155		167			50	60	75			41	143.1 — 166.4						

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