



# ALASKA LAND SEISMIC RECORDING LOG

	CLIENT: <b>USGS</b>	PROSPECT:	AREA: <b>NPPA</b>	LINE NO: <b>D/81</b>					
	PARTY NO: <b>1186</b>	INST. ENG: <b>Hammond</b>		DATE: <b>4 DAY 16 YE 81</b>					
INSTRUMENT (9-TRACK)	<input checked="" type="checkbox"/> 1 SYSTEM <input type="checkbox"/> 2 SYSTEMS	<input checked="" type="checkbox"/> 24 & 25-46 <input checked="" type="checkbox"/> 48 & 49-96	1 - 60 61 - 120	TYPE: <input type="checkbox"/> DPS <input checked="" type="checkbox"/> OTHER	FORMAT: <b>B</b>	<input type="checkbox"/> GAPPED <input type="checkbox"/> UNGAPPED	PACKING DENSITY: (L) <input type="checkbox"/> 800 BPI (M) <input type="checkbox"/> 1600 BPI		
	NO. BYTES IN HEADER REC:	NO. BYTES IN RECORD ID:	NO. BYTES PER SCAN:	GAIN CONSTANT: <b>48</b> db	INPUT IMPEDANCE: <b>2000</b> ohms.				
CONFIGURATION (MAG TAPE)	FIELD TRACE NOS.: _____ DATA CHANNEL NOS.: _____ (ON MAG TAPE)			AUXILIARY DATA: <b>SPS CLETE CONFID. SPS Dant</b>					
PARAMETER	RECORD LENGTH: <b>6</b> sec.	SAMPLE RATE: <input type="checkbox"/> 1 ms. <input checked="" type="checkbox"/> 2 ms. <input type="checkbox"/> 4 ms. <input type="checkbox"/> 8 ms.	GAIN MODE: <input type="checkbox"/> INITIAL <input checked="" type="checkbox"/> FINAL	FILTERS: FREQ. _____	LO CUT HZ SLOPE: <b>8</b>	FREQ. _____	HI CUT HZ SLOPE: <b>128</b>		
DISPLAY	MODE: <input type="checkbox"/> FLOAT <input checked="" type="checkbox"/> AGC <input type="checkbox"/> DEFLOAT	INITIAL GAIN: <b>18</b> db	TRIP SENS: <b>36</b> db	POLARITY CONVENTION: _____	PRESSURE INCREASE ON GEOPHONE: <input type="checkbox"/> NEGATIVE <input checked="" type="checkbox"/> POSITIVE	NUMBERS ON MAG. TAPE: _____	NOTCH FILTER: <input type="checkbox"/> IN <input checked="" type="checkbox"/> OUT		
FT 1	TYPE STACK: _____	GATE LENGTH: _____	RECORD REJECTION: _____	NOISE REDUCTION: _____	NOISE THRESHOLD: _____	CORR. SCALING: _____	R.C.U. NORM/ALT SW. _____		
SOURCE	TYPE: <input checked="" type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER	PATTERN: <b>SINGLE CHARGE</b>	NO. OF POSITIONS: <b>1</b>	INLINE SPACING: <b>440'</b>	LATERAL SPACING: _____	STAGGER: _____	LENGTH: _____	WIDTH: _____	LATERAL OFFSET: _____
		CHG/ HOLE: <b>50</b>	HOLE DEPTH: <b>90</b>	SWEEP POSITION: _____	SWEEP START: _____	SWEEP END: _____	SWEEP LENGTH: _____	SWEEP TAPER: _____	PHASE COMP. _____
RECEIVER	TYPE: <b>GS 20 D</b>	PATTERN: <b>INLINE</b>	NO. OF ELEMENTS: <b>18</b>	INLINE SPACING: <b>6.5'</b>	LATERAL SPACING: _____	STAGGER: _____	LENGTH: _____	WIDTH: _____	LATERAL OFFSET: _____
	CONNECTION: <b>SERIES/PARALLEL</b>	RESISTANCE: <b>600</b> ohms							
SPREAD	NO. OF GROUPS: <b>96</b>	GROUP INTERVAL: <b>110'</b>	SHOTPOINT INTERVAL: <b>440'</b>	FOLD: <b>12</b>	DIRECTION OF PROGRESSION: <b>N</b>				
	OFFSET GROUP 1: <b>5225'</b>	OFFSET GROUP <b>48</b> : <b>55'</b>	OFFSET GROUP <b>49</b> : <b>55'</b>	OFFSET GROUP <b>48/96</b> : <b>5225'</b>	LEADING GROUP: <b>96</b>				
DIAGRAMS/MISC. INFORMATION:	GEOPHONE LAYOUT DIAGRAM ▲ STAKE ⊗ GEOPHONE			VIBRATOR ARRAY S▲ START STAKE (OR FLAG) S STOP STAKE (OR FLAG)					

# LAND SEISMIC RECORDING LOG



CLIENT: **USGS**

PROSPECT: **Hammond**

AREA: **NPRA**

LINE NO: **D/81**



PARTY NO: **1186**

INST. ENG: **Hammond**

**Daily Tests F.P. 101 - 110**

DATE: **4 DAY 16 YR 81**

SHOTPOINT	TR. 10		TR. 20		SHOT		SPREAD		REMARKS	CORR. STACK							
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET		DIR.	CDP SWITCH	LINE GROUPS		TR 1-48	TR 49-96		
													HT	REC.	HT	REC.	
1100	922642	112			50	75	80	1	88.1		111.4	115					
1101		113			50	75	80	5	89.1		112.4						
1102		115			50	75	80	9	90.1		113.4						
1103		116			50	75	80	13	91.1		114.4						
1104		117			50	75	80	17	92.1		115.4						
1105		118			50	75	80	21	93.1		116.4						
1106		119			50	75	80	25	94.1		117.4						
1107		120			50	75	80	29	95.1		118.4						
1108		121			50	75	80	33	96.1		119.4						
1109		122			50	75	80	37	97.1		120.4						
1110		123			50	75	80	41	98.1		121.4						
1111		124			50	75	80	45	99.1		122.4						
1112		125			50	75	80	49	100.1		123.4						
1113		126			50	75	80	53	101.1		124.4						
1114		127			50	75	80	57	102.1	200	W	125.4					
1115		128			50	75	80	61	103.1	200	W	126.4					
1116		129			50	75	80	65	104.1		127.4						
1117		130			50	75	80	69	105.1		128.4						
1118		131			50	75	80	73	106.1		129.4						
1119		132			50	75	80	77	107.1		130.4						
1120		133			50	75	80	81	108.1		131.4						
1121		134			50	75	80	85	109.1		132.4						
1122		135			50	75	80	89	110.1		133.4						
1123		136			50	75	80	93	111.1		134.4						
1124		137			50	75	80	97	112.1		135.4						
1125		138			50	75	80	101	113.1		136.4						
1126		139			50	75	80	105	114.1		137.4						
1127		140			50	75	80	109	115.1		138.4						

# LAN SEISMIC RECORDING LOG



CLIENT: <b>USGS</b>	PROSPECT:	AREA: <b>NPRA</b>	LINE NO: <b>D/81</b>
PARTY NO: <b>1186</b>	INST. ENG: <b>Hammond</b>	DATE: <b>4</b> DAY <b>16</b> TR <b>81</b>	

SHOTPOINT	TR _____ TO _____		TR _____ TO _____		SHOT				CDP SWITCH	SPREAD		REMARKS	CORR. STACK				
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET		DIR.	LINE GROUPS		TR 1-28		TR 28-96		
											HT.		REC.	HT.	REC.		
128	872641	141			50	75	70	20	E	113	116.1 - 139.4	115					
129		142			50	75	70	11	N	117	117.1 - 140.4						
130		143			50	75	70			121	118.1 - 141.4						
131		144			50	75	70	11	N	5	119.1 - 142.4	145					
132		145			50	75	70			9	120.1 - 143.4						
133		146			50	75	70			13	121.1 - 144.4						
134		147			50	75	70			17	122.1 - 145.4						
135		148			50	75	70			21	123.1 - 146.4						
136		149			50	75	70			25	124.1 - 147.4						
137		150			50	75	70			29	125.1 - 148.4						
138		151			50	75	70			33	126.1 - 149.4						
139		152			50	75	70			37	127.1 - 150.4						
140		153			50	75	70			41	128.1 - 151.4					T94 REV TRACE	
141		154			50	75	70			45	129.1 - 152.4						
142		155			50	75	70			49	130.1 - 153.4						
143		156			50	75	70	22	N	53	131.1 - 154.4						
144		157			50	75	70			57	132.1 - 155.4						
145		158			50	75	70			61	133.1 - 156.4						
146		159			50	75	70			65	134.1 - 157.4						
147	872642	160		TRACE	50	75	70			69	135.1 - 158.4						
148	872643	162		CUMPARANGS	50	75	70			73	136.1 - 159.4					FN161 TEST FILE - T96 REV TRACE	
149		163			50	75	70			77	137.1 - 160.4						
150		164			50	75	70			81	138.1 - 161.4						
151		165			50	75	70			85	139.1 - 162.4						
152		166			50	75	70			89	140.1 - 163.4						
153		167			50	75	70			93	141.1 - 164.4						
154		168			50	75	70			97	142.1 - 165.4						
155		169			50	75	70			101	143.1 - 166.4						

# LAND SEISMIC RECORDING LOG



CLIENT: <b>USGS</b>	PROSPECT:	AREA: <b>NPLA</b>	LINE NO: <b>D/81</b>
PARTY NO: <b>1186</b>	INST. ENG: <b>Hammond</b>		DATE: <b>4 DAY 16 YR 81</b>

SHOTPOINT	TR. 1-16		TR. 17		TR. 18		TR. 19		TR. 20		TR. 21		TR. 22		TR. 23		TR. 24		TR. 25		TR. 26		TR. 27		TR. 28		TR. 29		TR. 30		TR. 31		TR. 32		TR. 33		TR. 34		TR. 35		TR. 36		TR. 37		TR. 38		TR. 39		TR. 40		TR. 41		TR. 42		TR. 43		TR. 44		TR. 45		TR. 46		TR. 47		TR. 48		TR. 49		TR. 50		TR. 51		TR. 52		TR. 53		TR. 54		TR. 55		TR. 56		TR. 57		TR. 58		TR. 59		TR. 60		TR. 61		TR. 62		TR. 63		TR. 64		TR. 65		TR. 66		TR. 67		TR. 68		TR. 69		TR. 70		TR. 71		TR. 72		TR. 73		TR. 74		TR. 75		TR. 76		TR. 77		TR. 78		TR. 79		TR. 80		TR. 81		TR. 82		TR. 83		TR. 84		TR. 85		TR. 86		TR. 87		TR. 88		TR. 89		TR. 90		TR. 91		TR. 92		TR. 93		TR. 94		TR. 95		TR. 96		TR. 97		TR. 98		TR. 99		TR. 100	
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	SPREAD		REMARKS	CORR. STACK																																																																																																																																																												
											LINE GROUPS			TR 1-28	REC.	TR 29-36	REC.																																																																																																																																																									
159	87	170			50	75	90			105	144.1 — 167.4	145																																																																																																																																																														
160					50	75	90			109	145.1 — 168.4																																																																																																																																																															
161					50	75	90			113	146.1 — 169.4																																																																																																																																																															
162					50	75	90			117	147.1 — 170.4																																																																																																																																																															
163					50	75	90			121	148.1 — 171.4																																																																																																																																																															
164					50	75	90			5	149.1 — 172.4	175	T93 REVERSED POLARITY																																																																																																																																																													
165					50	75	90			9	150.1 — 173.4																																																																																																																																																															
166					50	75	90			13	151.1 — 174.4																																																																																																																																																															
167					50	75	90			17	152.1 — 175.4																																																																																																																																																															
168					50	75	90			21	153.1 — 176.4																																																																																																																																																															
169					50	75	90			25	154.1 — 177.4																																																																																																																																																															
170					50	75	90	220	N	29	155.1 — 178.4																																																																																																																																																															
171					50	75	90			33	156.1 — 179.4																																																																																																																																																															
172					50	75	90	400	W	37	157.1 — 180.4																																																																																																																																																															
173					50	75	90	400	W	41	158.1 — 181.4																																																																																																																																																															
174					50	75	90			45	159.1 — 182.4																																																																																																																																																															
175					50	75	90			49	160.1 — 183.4																																																																																																																																																															
176					50	75	90			53	161.1 — 184.4																																																																																																																																																															
177					50	75	90			57	162.1 — 185.4																																																																																																																																																															
178					50	75	90			61	163.1 — 186.4																																																																																																																																																															
179					50	75	90			65	164.1 — 187.4																																																																																																																																																															
180					50	75	90			69	165.1 — 188.4																																																																																																																																																															
181					50	75	90			73	166.1 — 189.4																																																																																																																																																															
182					50	75	90			77	167.1 — 190.4																																																																																																																																																															
183					50	75	90			81	168.1 — 191.4																																																																																																																																																															
184					50	60	75			85	169.1 — 192.4																																																																																																																																																															
185					50	60	75			89	170.1 — 193.4																																																																																																																																																															
186					50	60	75			93	171.1 — 194.4																																																																																																																																																															



HRS: 18

## LAN SEISMIC RECORDING LOG

PAGE 1 of 5



CLIENT: USGS	PROSPECT:	AREA: NPR A	LINE NO: D/81
PARTY NO: 11P6	INST. ENG.: Hammond	DATE: MO 4 DAY 17 YR 81	
Daily Tests 776 205-213			

SHOTPOINT	TR. NO.		TR. NO.		SHOT			SPREAD			REMARKS	CORR. STACK				
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH		LINE GROUPS	TR 1-28	TR 28-90	TR 90-128	TR 128-180
119.1	872643	215			50	60	75				5 179.1 — 202.4					
119.2		216			50	60	75				9 180.1 — 203.4					
119.3		217			50	60	75				13 181.1 — 204.4					
119.4		218			50	60	75				17 182.1 — 205.4					
119.5		219			50	60	75				21 183.1 — 206.4					
119.6	872643	220			50	60	75				25 184.1 — 207.4					
119.7	872644	222			50	60	75				29 185.1 — 208.4					
119.8		223			50	60	75				33 186.1 — 209.4					
119.9		224			50	60	75				37 187.1 — 210.4					
120.0		225			50	60	75				41 188.1 — 211.4					
120.1		226			50	60	75	600	E		45 189.1 — 212.4					
120.2		227			50	60	75	500	E		49 190.1 — 213.4					
120.3		228			50	60	75				53 191.1 — 214.4					
120.4		229			50	60	75				57 192.1 — 215.4					
120.5		230			50	60	75				61 193.1 — 216.4					
120.6		231			50	60	75				65 194.1 — 217.4					
120.7		232			50	60	75				69 195.1 — 218.4					
120.8		233			50	60	75				73 196.1 — 219.4					
120.9		234			50	60	75				77 197.1 — 220.4					
121.0		235			50	60	75				81 198.1 — 221.4					
121.1		236			50	60	75				85 199.1 — 222.4					
121.2		237			50	60	75				89 200.1 — 223.4					
121.3		238			50	60	75				93 201.1 — 224.4					
121.4		239			50	60	75				97 202.1 — 225.4					
121.5		240			50	60	75				101 203.1 — 226.4					
121.6		241			50	60	75				105 204.1 — 227.4					
121.7		242			50	60	75				109 205.1 — 228.4					
121.8		243			50	60	75				113 206.1 — 229.4					

FN 214 TEST FILE

FN 221 TEST FILE

T92, T95, T96 REV. TAKES

# LAN SEISMIC RECORDING LOG



CLIENT: <b>USGS</b>	PROSPECT:	AREA: <b>NPRA</b>	LINE NO.: <b>D/91</b>
PARTY NO.: <b>1186</b>	INST. ENG.: <b>Hammond</b>	DATE: <b>4 DAY 17 81</b>	

SHOTPOINT	TR. 10		TR. 10		SHOT		SPREAD		REMARKS	CORR. STACK					
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET		DIR.	COP SWITCH	LINE GROUPS			
														IR 1-48	IR 48-96
221A	226A	244			50	60	75			117	207.1	— 230.4	205		
222A		245			50	60	75			121	208.1	— 231.4			
223A		246			50	60	75			5	209.1	— 232.4	235		
224A		247			50	60	75			9	210.1	— 233.4			
225A		248			50	60	75			13	211.1	— 234.4			
226A		249			50	60	75			17	212.1	— 235.4			
227A		250			50	60	75			21	213.1	— 236.4			
228A		251			50	60	75			25	214.1	— 237.4			
229A		252			50	60	75			29	215.1	— 238.4			
230A		253			50	60	75			33	216.1	— 239.4			
231A		254			50	60	75			37	217.1	— 240.4			
232A		255			50	60	75			41	218.1	— 241.4			
233A		256			50	60	75			45	219.1	— 242.4			
234A		257			50	60	75			49	220.1	— 243.4			
235A		258			50	60	75			53	221.1	— 244.4			
236A		259			50	60	75			57	222.1	— 245.4			
237A		260			50	60	75			61	223.1	— 246.4			
238A		261			50	60	75			65	224.1	— 247.4			
239A		262			50	60	75			69	225.1	— 248.4			
240A		263			50	60	75			73	226.1	— 249.4			
241A		264			50	60	75			77	227.1	— 250.4			
242A		265			50	60	75			81	228.1	— 251.4			
243A		266			50	60	75			85	229.1	— 252.4			
244A		267			50	60	75			89	230.1	— 253.4			
245A		268			50	60	75			93	231.1	— 254.4			
246A		269			50	60	75			97	232.1	— 255.4			
247A		270			50	60	75			101	233.1	— 256.4			
248A		271			50	60	75			105	234.1	— 257.4			

# LAN SEISMIC RECORDING LOG



CLIENT:	USGS	PROSPECT:	AREA:	LINE NO.:	DATE:
PARTY NO.:	INST. ENG.:	N P R A		D/P1	4 DAY 17 81
	Hammond				

SHOTPOINT	TR 1-2		TR 1-2		SHOT		SPREAD		REMARKS	CORR. STACK							
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET		DIR.	CDP SWITCH	LINE GROUPS		HT	REC	HT	REC
247	872644	272			150	60	75				109	235.1 - 258.4	235				
248		273			150	60	75				113	236.1 - 259.4					
249	872644	274			150	60	75				117	237.1 - 260.4					
250	872645	276			150	60	75				121	238.1 - 261.4					
251		277			150	60	75				5	239.1 - 262.4	265				
252		278			150	60	75				9	240.1 - 263.4					
253		279			150	60	75				13	241.1 - 264.4					
254		280			150	60	75				17	242.1 - 265.4					
255		281			150	60	75				21	243.1 - 266.4					
256		282			150	60	75				25	244.1 - 267.4					
257		283			150	60	75				29	245.1 - 268.4					
258		284			150	60	75				33	246.1 - 269.4					
259		285			150	60	75				37	247.1 - 270.4					
260		286			150	60	75				41	248.1 - 271.4					
261		287			150	60	75				45	249.1 - 272.4					
262		288			150	60	75				49	250.1 - 273.4					
263		289			150	60	75				53	251.1 - 274.4					
264		290			150	60	75				57	252.1 - 275.4					
265		291			150	60	75				61	253.1 - 276.4					
266		292			150	60	75				65	254.1 - 277.4					
267		293			150	60	75				69	255.1 - 278.4					
268		294			150	60	75				73	256.1 - 279.4					
269		295			150	60	75				77	257.1 - 280.4					
270		296			150	60	75				81	258.1 - 281.4					
271		297			150	60	75				85	259.1 - 282.4					
272		298			150	60	75				89	260.1 - 283.4					
273		299			150	60	75				93	261.1 - 284.4					
274		300			150	60	75				97	262.1 - 285.4					

FN 275 TEST FILE



# LAN SEISMIC RECORDING LOG



CLIENT:	USGS	PROSPECT:		AREA:	NPRA	LINE NO.:	D/81
PARTY NO.:	1186	INST. ENG.:	Hammond		DATE:	4 17 81	

SHOTPOINT NO.	TR. _____ to _____		TR. _____ to _____		SHOT								SPREAD		REMARKS:	CORR. STACK			
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	COP SWITCH	LINE GROUPS		HT.	TR 1-28		TR 28-96			
											HT.	REC.		HT.		REC.			
275	87264E	301			50	60	75					101	263.1 - 286.4	265					
276		302			50	60	75					105	264.1 - 287.4						
277		303			50	60	75					109	265.1 - 288.4						
278		304			50	60	75					113	266.1 - 289.4						
279		305			50	60	75					117	267.1 - 290.4						
280		306			50	60	75					121	268.1 - 291.4						
281		307			50	60	75					5	269.1 - 292.4	295					
282		308			50	60	75					9	270.1 - 293.4						
283		309			50	60	75					13	271.1 - 294.4						
284		310			50	60	75					17	272.1 - 295.4						
285		311			25	67	75					21	273.1 - 296.4						
286		312			25	67	75					25	274.1 - 297.4						
287		313			25	67	75					29	275.1 - 298.4						
288		314			25	67	75					33	276.1 - 299.4						
289		315			25	67	75					37	277.1 - 300.4						
290		316			25	67	75					41	278.1 - 301.4						
291		317			25	67	75					45	279.1 - 302.4						
292		318			25	67	75					49	280.1 - 303.4						
293		319			25	67	75					53	281.1 - 304.4						
294		320			25	67	75					57	282.1 - 305.4						
295		321			25	67	75					61	283.1 - 306.4						
296		322			25	67	75					65	284.1 - 307.4						
297		323			25	67	75					69	285.1 - 308.4						
298		324			25	67	75					73	286.1 - 309.4						
299		325			25	67	75					77	287.1 - 310.4						
300		326			25	67	75					81	288.1 - 311.4						
301		327			25	67	75					85	289.1 - 312.4						
302	87264S	328			25	67	75					89	290.1 - 313.4						

# LAND SEISMIC RECORDING LOG



CLIENT: **USGS**

PROSPECT:

AREA: **NPRA**

LINE NO: **D/8/**

PARTY NO: **1186**

INST. ENG: **Hammond**

DATE: **4 DAY 17 YR 81**



SHOTPOINT	TR. to		TR. to		SHOT			DIR.	CDP SWITCH	SPREAD	SET	REMARKS:	CORR. STACK			
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.						OFFSET	LINE GROUPS	TR 1-48	TR 48-96
303	8726	1330	NEW TAPE		25	67	25		93	291.1 — 314.4	295	FN 329 TEST FILE				
304		1331			25	67	25		97	292.1 — 315.4						
305		1332			25	67	25		101	293.1 — 316.4						
306		1333			25	67	25		105	294.1 — 317.4						
307		1334			25	67	25		109	295.1 — 318.4						
308		1335			25	67	25		113	296.1 — 319.4						
309		1336			25	67	25		117	297.1 — 320.4						
310		1337			25	67	25		121	298.1 — 321.4						
311		1338			25	67	25		65	299.1 — 322.4	310					
312		1339			25	67	25		69	300.1 — 323.4						
313		1340			25	67	25		73	301.1 — 324.4						
314		1341			25	67	25		77	302.1 — 325.4						
315		1342			25	67	25		81	303.1 — 326.4						
316		1343			25	67	25		85	304.1 — 327.4						
317		1344			25	67	25		89	305.1 — 328.4						
318		1345			25	67	25		93	306.1 — 329.4						
319		1346			25	67	25		97	307.1 — 330.4						
320		1347			25	67	25		101	308.1 — 331.4						
321		1348			25	67	25		105	309.1 — 332.4						
322		1349			25	67	25		109	310.1 — 333.4						
323		1350			25	67	25		113	311.1 — 334.4						
324		1351			25	67	25		117	312.1 — 335.4						
325		1352			25	67	25		121	313.1 — 336.4						
F. O. L.																