

ALASKA LAND SEISMIC RECORDING LOG

	CLIENT: <u>USGS</u>	PROSPECT: <u>F/Y 81</u>	AREA: <u>NPRA</u>	LINE NO: <u>33/81</u>		
	PARTY NO: <u>1186</u>	INST. ENG: <u>SWIBBLE</u>		DATE: <u>4 DAY 11 YR 81</u>		
INSTRUMENT (9-TRACK)	<input type="checkbox"/> 1 SYSTEM <input checked="" type="checkbox"/> 2 SYSTEMS	<input type="checkbox"/> 1-24 & 25-48 <input checked="" type="checkbox"/> 1-48 & 49-96	TYPE: <input checked="" type="checkbox"/> OPS X <input type="checkbox"/> OTHER	FORMAT: <u>B</u>	<input type="checkbox"/> GAPPED <input checked="" type="checkbox"/> UNGAPPED	PACKING DENSITY: (LO) <input type="checkbox"/> 800 BPI (HI) <input checked="" type="checkbox"/> 1600 BPI
	NO. BYTES IN HEADER REC: <u>220</u>	NO. BYTES IN RECORD ID: _____	NO. BYTES PER SCAN: <u>2</u>	GAIN CONSTANT: <u>48</u> db	INPUT IMPEDANCE: <u>2000</u> ohms	
CONFIGURATION (MAG TAPE)	FIELD TRACE NOS.: <u>1-48/49-96</u>			AUXILIARY DATA: <u>SP5 CLK TB CONT.</u>		
	DATA CHANNEL NOS.: _____ (ON MAG TAPE)			AUXILIARY CHANNEL NOS.: <u>97 98 99</u>		
PARAMETER	RECORD LENGTH: <u>6</u> sec.	SAMPLE RATE: <input checked="" type="checkbox"/> 1 ms <input type="checkbox"/> 4 ms <input type="checkbox"/> 16 ms	GAIN MODE: <input checked="" type="checkbox"/> INITIAL <input type="checkbox"/> FINAL	FILTERS: FREQ: <u>8</u> LO CUT: <u>18</u> HZ SLOPE: <u>128</u> HI CUT: <u>72</u> HZ SLOPE: <u>72</u>	NOTCH FILTER: <input checked="" type="checkbox"/> IN <input type="checkbox"/> OUT	
DISPLAY	MODE: <input checked="" type="checkbox"/> MAGC <input type="checkbox"/> DEFMAT	INITIAL GAIN: <u>16</u> db	TRIP SENS: <u>0.6</u> db	POLARITY CONVENTION: <input type="checkbox"/> PRESSURE INCREASE ON GEOPHONE <input checked="" type="checkbox"/> NEGATIVE <input type="checkbox"/> POSITIVE	NUMBERS ON MAG TAPE: <input checked="" type="checkbox"/> DOWNBREAK <input type="checkbox"/> 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: <input checked="" type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER	PATTERN: <u>SINGLE HOLE</u>	NO. OF POSITIONS: <u>1</u>	INLINE SPACING: <u>440'</u>	LATERAL SPACING: _____	STAGGER: _____ LENGTH: _____ WIDTH: _____ LATERAL OFFSET: _____
	CHG/HOLE: <u>50#</u>	HOLE DEPTH: <u>90'</u>	SWEEP POSITION: _____	SWEEP START: _____	SWEEP END: _____	SWEEP LENGTH: _____ SWEEP TAPER: _____ PHASE COMP: _____
RECEIVER	TYPE: <u>PS 200</u>	PATTERN: <u>INLINE</u>	NO. OF ELEMENTS: <u>18</u>	INLINE SPACING: <u>6.5'</u>	LATERAL SPACING: _____	WIDTH: _____ LATERAL OFFSET: _____
	CONNECTION: <u>SERIES/PARALLEL</u>	RESISTANCE: _____ ohms	STAGGER: _____	LENGTH: _____	WIDTH: _____	LATERAL OFFSET: _____
SPREAD	NO. OF GROUPS: <u>96</u>	GROUP INTERVAL: <u>110'</u>	SHOTPOINT INTERVAL: <u>440'</u>	FOLD: <u>12</u>	DIRECTION OF PROGRESSION: _____	LEADING GROUP: <u>96</u>
	OFFSET GROUP 1: <u>5225</u>	OFFSET GROUP <u>48</u> : <u>55'</u>	OFFSET GROUP <u>99</u> : <u>55'</u>	OFFSET GROUP <u>20/96</u> : <u>5225</u>		
DIAGRAMS/MISC. INFORMATION:		GEOPHONE LAYOUT DIAGRAM		VIBRATOR ARRAY		
		<p>▲ STAKE</p> <p>⊗ GEOPHONE</p> <p>P PIN FLAG</p> <p style="text-align: center;"> </p>		<p>8 ▲ START STAKE (OR FLAG)</p> <p>5 ▲ STOP STAKE (OR FLAG)</p>		

LAN SEISMIC RECORDING LOG



CLIENT: **USGS**

PROSPECT: **F/N 81**

AREA: **MPRA**

LINE NO.: **53/81**



PARTY NO.: **118C**

INST. ENG.: **SMIBLE**

DAILY TESTS F/N'S 1-11

DATE: **MO 4 DAY 11 YR 81**

SHOTPOINT	TR. 1		TR. 2		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	87263	12			50	75	90			1	88.1 — 114.4	115	F/N 12 TEST FILE			
1101		14			50	75	90			5	89.1 — 112.4					
1102		15			50	75	90			9	90.1 — 113.4					
1103		16			50	75	90			13	91.1 — 114.4					
1104		17			50	75	90			17	92.1 — 115.4					
1105		18			50	75	90			21	93.1 — 116.4					
1106		19			50	75	90			25	94.1 — 117.4					
1107		20			50	75	90			29	95.1 — 118.4					
1108		21			50	75	90			33	96.1 — 119.4					
1109		22			50	75	90			37	97.1 — 120.4					
1110		23			50	75	90			41	98.1 — 121.4					
1111		24			50	75	90			45	99.1 — 122.4					
1112		25			50	75	90			49	100.1 — 123.4					
1113		26			50	75	90			53	101.1 — 124.4					
1114		27			50	75	90			57	102.1 — 125.4					
1115		28			50	75	90			61	103.1 — 126.4					
1116		29			50	75	90			65	104.1 — 127.4					
1117		30			50	75	90			69	105.1 — 128.4					
1118		31			50	75	90			73	106.1 — 129.4					
1119		32			50	75	90			77	107.1 — 130.4					
1120		33			50	75	90			81	108.1 — 131.4					
1121		34			50	75	90			85	109.1 — 132.4					
1122		35			50	75	90			89	110.1 — 133.4					
1123		36			50	75	90			93	111.1 — 134.4					
1124		37			50	75	90			97	112.1 — 135.4					
1125		38			50	75	90			101	113.1 — 136.4					
1126		39			50	75	90	500 E		105	114.1 — 137.4					
1127		40			50	75	90			109	115.1 — 138.4					

~~T-8~~ T-8 DEAD
T-4 DEAD

LAN. EISMIC RECORDING I



CLIENT: **USGS**
 PARTY NO.: **1186**
 INST. ENG.: **SWIBLE**

PROSPECT: **F/Y 81**

AREA: **NPRA**

LINE NO.: **33/81**
 DATE: **NO. 4 DAY 11 YR 81**

SHOTPOINT	TR. _____ TO _____		TR. _____ TO _____		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.
128	872630	41			50	78	90			113	116.1 — 151.4	115				
129		42			50	78	90			117	117.1 — 140.4					
130		43			50	78	90			121	118.1 — 141.4					
131		44			50	78	90			5	119.1 — 142.4	145				
132		45			50	78	90			9	120.1 — 145.4					
133		46			50	78	90			13	121.1 — 144.4					
134		47			50	78	90			17	122.1 — 145.4					
135		48			50	78	90	140.5		21	123.1 — 146.4					
136		49			50	78	90			25	124.1 — 147.4					
137		50			50	78	90			29	125.1 — 148.4					
138		51			50	78	90			33	126.1 — 149.4					
139		52			50	78	90			37	127.1 — 150.4					
140		53			50	78	90			41	128.1 — 151.4					
141		54			50	78	90			45	129.1 — 152.4					
142		55			50	78	90			49	130.1 — 153.4					T-40 DEAD
143		56			50	78	90			53	131.1 — 154.4					T-36 11
144		57			50	78	90			57	132.1 — 155.4					T-32 11
145		58			50	78	90			61	133.1 — 156.4					T-28 11
146		59			50	78	90	110 N		65	134.1 — 157.4					
147		60			50	78	90			69	135.1 — 158.4					
148		61			50	78	90			73	136.1 — 159.4					
149	872630	62			50	78	90			77	137.1 — 160.4					
150	872631	64	NEW		50	78	90			81	138.1 — 161.4					F/N 63 TEST FILE
151		65	TAPE		50	78	90			85	139.1 — 162.4					
152		66			50	78	90			89	140.1 — 163.4					
153		67			50	78	90			93	141.1 — 164.4					
154		68			50	78	90			97	142.1 — 165.4					
155		69			50	78	90			101	143.1 — 166.4					

LAN EISMIC RECORDING I



CLIENT: USGS	PROSPECT: F/N 81	AREA: NPRA	LINE NO: 33/81
PARTY NO: 1186	INST. ENG: SWIBLE/WUSTER	DATE: 4 DAY 12 YR 81	
DAILY TESTS F/N'S 84-94			

SHOTPOINT	TR. 1-10		TR. 10-20		TR. 20-30		TR. 30-40		SHOT NO.	OFFSET	DIR.	CDP SWITCH	SPREAD		REMARKS	CORR. STACK				
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	LINE GROUPS	ST					TR 1-10	TR 10-20		TR 20-30	TR 30-40			
													HI	REC.		HI	REC.			
167	872632	96			50	75/90			5			5	155.1	188.4	181	F/N 95 TEST FILE				
168		97			50	75/90			9			9	156.1	179.4						
169		98			50	75/90			13			13	157.1	180.4						
170		99			50	75/90	410	N	17			17	158.1	181.4		F/N 100 TEST FILE				
171		101			50	75/90	200	E	21			21	159.1	182.4						
172		102			50	75/90			25			25	160.1	183.4						
173		103			50	75/90			29			29	161.1	184.4						
174		104			50	75/90			33			33	162.1	185.4						
175		105			50	75/90			37			37	163.1	186.4						
176		106			50	75/90			41			41	164.1	187.4						
177		107			50	75/90			45			45	165.1	188.4						
178		108			50	75/90			49			49	166.1	189.4						
179		109			50	75/90			53			53	167.1	190.4						
180		110			50	75/90			57			57	168.1	191.4						
181		111			50	75/90			61			61	169.1	192.4						
182		113			50	75/90	300	W	65			65	170.1	193.4		F/N 112 MISSE FIRE				
183		114			50	75/90			69			69	171.1	194.4						
184		115			50	75/90			73			73	172.1	195.4						
185		116			50	75/90			77			77	173.1	196.4						
186		117			50	75/90			81			81	174.1	197.4						
187		118			50	75/90			85			85	175.1	198.4						
188		119			50	75/90			89			89	176.1	199.4						
189		120			50	75/90			93			93	177.1	200.4						
190		121			50	75/90			97			97	178.1	201.4						
191		122			50	75/90			101			101	179.1	202.4						
192		125			50	75/90			105			105	180.1	203.4						
193		124			50	75/90			109			109	181.1	204.4						
194		125			50	75/90			113			113	182.1	205.4						

25
1075
7185

LA SEISMIC RECORDING G



CLIENT: USGS	PROSPECT: F/181	AREA: NPRA	LINE NO: 33/81
PARTY NO: 1186	INST. ENG: SWIBLÉ		DATE: 4 DAY 12 TR 81

SHOTPOINT	TR 10		TR 10		SHOT				DIR.	COP SWITCH	SPREAD		REMARKS	CORR. STACK			
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET			LINE GROUPS			TR 1-48	TR 48-96		
	HT.	REC.	HT.	REC.							HT.	REC.		HT.	REC.		
195	872632	126			50	75	90			117	183.1	206.4	181				
196		127			50	75	90			121	184.1	207.4		T-47 REVERSED			
197		128			50	75	90			5	185.1	208.4	211	T-45 ↑			
198		129			50	75	90			9	186.1	209.4		T-39 ↓			
199		130			50	75	90			13	187.1	210.4		T-35 REVERSED			
200		131			50	75	90			17	188.1	211.4		T-31 REVERSED			
201		132			50	75	90			21	189.1	212.4		T-27 "			
202		133			50	75	90			25	190.1	213.4		T-1 DEAD			
203		134			50	75	90			29	191.1	214.4					
204		135			50	75	90			33	192.1	215.4					
205		136			50	75	90			37	193.1	216.4					
206		137			50	75	90			41	194.1	217.4					
207		138			50	75	90			45	195.1	218.4					
208		139			50	75	90			49	196.1	219.4					
209		140			50	75	90			53	197.1	220.4					
210		141			50	75	90			57	198.1	221.4					
211		142			50	75	90			61	199.1	222.4					
212		143			50	75	90			65	200.1	223.4					
213		144			50	75	90			69	201.1	224.4					
214		145			50	75	90			73	202.1	225.4					
215	872632	146			50	75	90			77	203.1	226.4					
216	872633	148	NEW		50	75	90			81	204.1	227.4		F/W 147 TEST FILE			
217		149	TARE		50	75	90			85	205.1	228.4					
218		150			50	75	90			89	206.1	229.4					
219		151			50	75	90			93	207.1	230.4					
220		152			50	75	90			97	208.1	231.4					
221		153			50	60	75			5	209.1	232.4	235	VENTED			
222		154			50	60	75			9	210.1	233.4		T-44 DEAD			

LAI SEISMIC RECORDING G



CLIENT: **USGS**
 PARTY NO.: **1186**

PROSPECT: **F/Y81**
 INST. ENG.: **SWIBBLE**

AREA: **NPRA**

LINE NO.: **33/81**
 DATE: **MO 4 DAY 12 YR 81**



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 48-96	
													HT.	REC.	HT.	REC.
2223	872633	155			50	160	75	160	E	13	211.1 — 234.4					
2224		156			50	160	75			17	212.1 — 235.4					
2225		157			50	160	75			21	213.1 — 236.4					
2226		158			50	160	75			25	214.1 — 237.4					
2227		159			50	160	75			29	215.1 — 238.4					
2228		160			50	160	75			33	216.1 — 239.4					
2229		161			50	160	75			37	217.1 — 240.4					
2230		162			50	160	75			41	218.1 — 241.4					
2231		163			50	160	75			45	219.1 — 242.4					
2232		164			50	160	75			49	220.1 — 243.4					
2233		165			50	160	75			53	221.1 — 244.4					
2234		166			50	160	75			57	222.1 — 245.4					
2235		167			50	160	75			61	223.1 — 246.4					
2236		168			50	160	75			5	224.1 — 247.4	250				
2237		169			50	160	75			9	225.1 — 248.4					
2238		170			50	160	75			13	226.1 — 249.4					
2239		171			50	160	75			17	227.1 — 250.4					
2240		172			50	160	75			21	228.1 — 251.4					
2241		173			50	160	75			25	229.1 — 252.4					
2242		174			50	160	75			29	230.1 — 253.4					
2243		175			50	160	75			33	231.1 — 254.4					
2244		176			50	160	75			37	232.1 — 255.4					
2245		177			50	160	75			41	233.1 — 256.4					
2246		178			50	175	90			45	234.1 — 257.4					
2247		179			50	175	90			49	235.1 — 258.4					
2248		180			50	175	90			53	236.1 — 259.4					
2249		181			50	175	90			57	237.1 — 260.4					
2250		182			50	175	90			61	238.1 — 261.4					

LAI SEISMIC RECORDING G



CLIENT: **USGS**

PROSPECT: **Hammond**

AREA: **NPPA**

LINE NO: **33/81**

PARTY NO: **1186**

INST. ENG: **Hammond**

Daily Tests 776-183-191

DATE: **4** MO **13** DAY **81** YEAR



SHOTPOINT	TR 10		TR 10		SHOT		SPREAD		REMARKS	CORR. STACK						
	BEEL NO.	REC.	BEEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET		DIR.	CDP SWITCH	LINE GROUPS		TR 1-48	TR 48-96	
												HT	REC.	HT	REC.	
2511	872633	19.4			50	759.0				5	239.1	— 262.4				
2513		19.5			50	759.0				9	240.1	— 263.4				
2515		19.6			50	759.0				13	241.1	— 264.4				
2517		19.7			50	759.0				17	242.1	— 265.4				
2519		19.8			50	759.0				21	243.1	— 266.4				
2521		19.9			50	759.0				25	244.1	— 267.4				
2523		20.0			50	759.0				29	245.1	— 268.4				
2525		20.1			50	759.0				33	246.1	— 269.4				
2527		20.2			50	759.0				41	248.1	— 271.4				
2600		20.3			50	759.0				41	248.1	— 272.4				
2601		20.4			50	759.0				45	249.1	— 273.4				
2602		20.5			50	759.0				49	250.1	— 274.4				
2603	872633	20.6			50	759.0				53	251.1	— 275.4				
2604	872635	20.8			50	759.0				57	252.1	— 276.4				
2605		20.9			50	759.0				61	253.1	— 277.4				
2606		21.0			50	759.0				65	254.1	— 278.4				
2607		21.1			50	759.0				69	255.1	— 279.4				
2608		21.2			50	759.0				73	256.1	— 280.4				
2609		21.3			50	759.0				77	257.1	— 281.4				
2700		21.4			50	759.0				81	258.1	— 282.4				
2701		21.5			50	759.0				85	259.1	— 283.4				
2702		21.6			50	759.0				89	260.1	— 284.4				
2703		21.7			50	759.0				93	261.1	— 285.4				
2704		21.8			50	759.0				97	262.1	— 286.4				
2705		21.9			50	759.0				101	263.1	— 287.4				
2706		22.0			50	759.0				105	264.1	— 288.4				
2707		22.1			50	759.0				109	265.1	— 289.4				
2708		22.2			50	759.0				113	266.1	— 290.4				

REMARKS: **FN192 & 193 TEST FILES**

CDPELOR

TAPE # 872634 DAMAGED - PARITY ERRORS
FN207 TEST FILE

FN221 TEST FILE

00 TEST FILES

LAI SEISMIC RECORDING LOG



CLIENT: **USGS**

PROSPECT: _____

AREA: **NPRA**

LINE NO: **33/81**



PARTY NO: **1186**

INST. ENG: *Donmond*

DATE: **4** MO **13** DAY **81** YEAR

SHOTPOINT	TR 16		TR 17		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	
														MT	REC	MT	REC
277	27	224	27	225	50	175	90			117	267.1	— 291.4	265				
280		225			50	175	90			121	268.1	— 292.4					
281		227			50	175	90			5	269.1	— 293.4	295	FN 226 TEST FIRE			
282		229			50	175	90			9	270.1	— 294.4					
283		229			50	175	90			13	271.1	— 295.4					
284		230			50	175	90			17	272.1	— 296.4					
285		231			50	175	90			21	273.1	— 297.4					
286		232			50	175	90			25	274.1	— 298.4					
287		233			50	175	90			29	275.1	— 298.4					
288		234			50	175	90			33	276.1	— 300.4					
289		235			50	175	90			37	277.1	— 301.4					
290		236			50	175	90			41	278.1	— 302.4					
291		237			50	175	90			45	279.1	— 303.4					
292		238			50	175	90			49	280.1	— 304.4					
293		238			50	175	90			53	281.1	— 305.4					
294		240			50	175	90			57	282.1	— 306.4					
295		242			50	175	90			61	283.1	— 307.4		FN 241 MISFIRE			
296		243			50	160	75			65	284.1	— 308.4					
297		244			50	160	75			69	285.1	— 309.4					
298		246			50	160	75			73	286.1	— 310.4					
299		246			50	160	75			77	287.1	— 311.4					
300		247			50	160	75			81	288.1	— 312.4					
301		248			50	160	75			85	289.1	— 313.4					
302		249			50	160	75			89	290.1	— 314.4					
303		250			50	160	75			93	291.1	— 315.4					
304		251			50	160	75			97	292.1	— 316.4					
305		252			50	160	75			101	293.1	— 317.4					
306		253			50	160	75			105	294.1	— 318.4		VENTED			

LAND SEISMIC RECORDING LOG

	CLIENT:	USGS	PROSPECT:		AREA:	NPRA	LINE NO.:	33/81	
	PARTY NO.:	1186	INST. ENG.:	Hammond			DATE:	4 DAY 13 YR 81	

SHOTPOINT	TR 1 to 10		TR 10 to 20		TR 20 to 30		TR 30 to 40		SHOT NO.	DEPTH	OFFSET	DIR.	CDP SWITCH	SPREAD		REMARKS	CORR. STACK			
	REEL NO.	REC.	REEL NO.	REC.	REEL NO.	REC.	REEL NO.	REC.						LINE GROUPS	SPREAD		TR 1-45	TR 45-90	REC.	REC.
307	872435	254							150	60	75		109	295.1	319.4	295				
308		255							150	60	75		113	296.1	320.4					
309		256							150	60	75		117	297.1	321.4					
310		257							150	60	75		121	298.1	322.4					
311		258							150	60	75		5	299.1	323.4	325				
312		259							150	60	75		9	300.1	324.4					
313		260							150	60	75		13	301.1	325.4					
314	872435	261							150	60	75	110 N/E	17	302.1	326.4					
315	872436	262							150	60	75		21	303.1	327.4					
		263																		
316		264							150	60	75		25	304.1	328.4					
317		265							150	60	75		29	305.1	329.4					
318		266							150	60	75		33	306.1	330.4					
319		267							150	60	75		37	307.1	331.4					
320		268							150	60	75		41	308.1	332.4					
321		269							150	60	75		45	309.1	333.4					
322		270							150	60	75		49	310.1	334.4					
323		271							150	60	75		53	311.1	335.4					
324		272							150	60	75		57	312.1	336.4					
325		273							150	60	75		61	313.1	337.4					

DELAY DUE TO TAPE PARITY ERRORS - ESTABLISHED METHOD TO SCREEN TAPES PRIOR TO USE, 3 HRS TOTAL DELAY

LAI SEISMIC RECORDING '76



CLIENT: **USGS**

PROSPECT: _____

AREA: **NPRA**

LINE NO.: **33/81**

PARTY NO.: **1186**

INST. ENG.: **Hammond**

Daily Tests F.N. 274-292

DATE: **4 DAY 14 YR 81**

SHOTPOINT	TR. _____ to _____		TR. _____ to _____		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.
326	283	284			50	60	75			5	314.1	— 337.4	340	FN 283 TEST FILE		
327		285			50	60	75			9	315.1	— 338.4				
328		286			50	60	75			13	316.1	— 339.4				
329		287			50	60	75			17	317.1	— 340.4				
330		288			50	60	75			21	318.1	— 341.4				
331		289			50	60	75			25	319.1	— 342.4				
332		290			50	60	75			29	320.1	— 343.4				
333		291			50	60	75			33	321.1	— 344.4				
334		292			50	60	75			37	322.1	— 345.4				
335		293			50	60	75			41	323.1	— 346.4				
336		294			50	60	75			45	324.1	— 347.4				
337		295			50	60	75			49	325.1	— 348.4				
338		296			50	60	75			53	326.1	— 349.4				
339		297			50	60	75			57	327.1	— 350.4				
340		298			50	60	75			61	328.1	— 351.4				
341		299			50	60	75			65	329.1	— 352.4				
342		300			50	60	75			69	330.1	— 353.4				
343		301			50	60	75			73	331.1	— 354.4				
344		302			50	60	75			77	332.1	— 355.4				
345		303			50	60	75			81	333.1	— 356.4				
346		304			50	60	75			85	334.1	— 357.4				
347		305			50	60	75			89	335.1	— 358.4				
348		306			50	60	75			93	336.1	— 359.4				
349		307			50	60	75			97	337.1	— 360.4				
350		308			50	60	75			101	338.1	— 361.4				
351		309			50	60	75			105	339.1	— 362.4				
352		310			50	60	75			109	340.1	— 363.4				
353		311			50	60	75			113	341.1	— 364.4				

LAN SEISMIC RECORDING LOG



CLIENT: USGS	PROSPECT:	AREA: NPRA	LINE NO: 33/81
PARTY NO: 1186	INST. ENG.: <i>Hammond</i>		DATE: 4 DAY 14 81

SHOTPOINT	TR. _____ to _____		TR. _____ to _____		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.		
354	8274631	312			150	60	75			117	342.1 — 365.4	340						
355		313			150	60	75			121	343.1 — 366.4							
356		314			150	60	75			5	344.1 — 367.4	370						
357		315			150	60	75			9	345.1 — 368.4							
358		316			150	60	75			13	346.1 — 369.4							
359		317			150	60	75			17	347.1 — 370.4							
360		318			150	60	75			21	348.1 — 371.4							
361		319			150	60	75			25	349.1 — 372.4							
362		320			150	60	75			29	350.1 — 373.4							
363	8274630	321			150	60	75			33	351.1 — 374.4							
364	8274637	322			150	60	75			37	352.1 — 375.4							
365		324			150	60	75			41	353.1 — 376.4							
366		325			150	60	75	30P	E	45	354.1 — 377.4							
367		326			150	60	75			49	355.1 — 378.4							
368		327			150	60	75			53	356.1 — 379.4							
369		328			150	60	75			57	357.1 — 380.4							
370		329			150	60	75			61	358.1 — 381.4							
371		330			150	60	75			65	359.1 — 382.4							
372		331			150	60	75			69	360.1 — 383.4							
373		332			150	60	75			73	361.1 — 384.4							
374		333			150	60	75			77	362.1 — 385.4							
375		334			150	60	75			81	363.1 — 386.4							
376		335			150	60	75			85	364.1 — 387.4							
377		336			150	60	75			89	365.1 — 388.4							
378		337			150	60	75			93	366.1 — 389.4							
379		338			150	60	75	11.0	N	97	367.1 — 390.4							
380		339			150	60	75	1.0	E	101	368.1 — 391.4							
381		340			150	60	75	1.5	W	105	369.1 — 392.4							

LAT SEISMIC RECORDING '76



CLIENT: **USGS**

PROSPECT: _____

AREA: **NPLA**

LINE NO: **33/81**



PARTY NO: **1186**

INST. ENG: **Howard**

DATE: **4 DAY 14 YE 81**

SHOTPOINT	TR _____ TO _____		TR _____ TO _____		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.
382	327	341			50	60	75			109	370.1	—	393.4	370			
383		342			50	60	75			113	371.1	—	394.4				
384		343			50	60	75			117	372.1	—	395.4				
385		344			50	60	75			121	373.1	—	396.4				
386		345			50	60	75			5	374.1	—	397.4	400			
387		346			50	60	75			9	375.1	—	398.4				
388		347			50	60	75			13	376.1	—	399.4				
389		348			50	60	75			17	377.1	—	400.4				
390		349			50	60	75			21	378.1	—	401.4				
391		350			50	60	75			25	379.1	—	402.4				
392		351			50	60	75			29	380.1	—	403.4				
393		352			50	60	75			33	381.1	—	404.4				
394		353			50	60	75			37	382.1	—	405.4				
395		354			50	60	75			41	383.1	—	406.4				
396		355			50	60	75			45	384.1	—	407.4				
397		356			50	60	75			49	385.1	—	408.4				
398		357			50	60	75			53	386.1	—	409.4				
399		358			50	60	75			57	387.1	—	410.4				
400		359			50	60	75			61	388.1	—	411.4				
401		360			50	60	75			65	389.1	—	412.4				
402		361			50	60	75			69	390.1	—	413.4				
403		362			50	60	75			73	391.1	—	414.4				
404		363			50	60	75			77	392.1	—	415.4				
405		364			50	60	75			81	393.1	—	416.4				
406		365			50	60	75			85	394.1	—	417.4				
407		366			50	60	75			89	395.1	—	418.4				
408		367			50	60	75			93	396.1	—	419.4				
409		368			50	60	75			97	397.1	—	420.4				

LAN SEISMIC RECORDING LOG



CLIENT: **USGS**
 PARTY NO.: **1186**

PROSPECT: _____
 INST. ENG.: **Hammond**

AREA: **NPRA**

LINE NO.: **33/81**
 DATE: **4** DAY **14** YR **81**



SHOTPOINT	TR. ^{to}		TR. ^{to}		SHOT				SPREAD			REMARKS	CORR. STACK					
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DNR.	CDP SWITCH	LINE GROUPS		HT.	TR 1.48	TR 28.96	REC.		
411	827637	369			50	160	75				101	398.1	—	421.4	400			
411		370			50	160	75				105	399.1	—	422.4				
412		371			50	160	75				109	400.1	—	423.4				
413		372			50	160	75				113	401.1	—	424.4				
414		373			50	160	75				117	402.1	—	425.4				
415	827637	374			50	160	75				129	403.2	—	426.4				
416	827638	375			50	160	75				5	404.1	—	427.4	430			
417		376			50	160	75				9	405.1	—	428.4				
418		377			50	160	75				13	406.1	—	429.4				
419		378			50	160	75				17	407.1	—	430.4				
420		379			50	160	75				21	408.1	—	431.4				
421		380			50	160	75				25	409.1	—	432.4				
422		381			50	160	75				29	410.1	—	433.4				
423		382			50	160	75				33	411.1	—	434.4				
424		383			50	160	75				37	412.1	—	435.4				
425		384			50	160	75				41	413.1	—	436.4				
426		385			50	160	75				45	414.1	—	437.4				
427		386			50	160	75				49	415.1	—	438.4				
428		387			50	160	75				53	416.1	—	439.4				
429		388			50	160	75				57	417.1	—	440.4				
430		389			50	160	75				61	418.1	—	441.4				
431		390			50	160	75				65	419.1	—	442.4				
432		391			50	160	75				69	420.1	—	443.4				
433		392			50	160	75				73	421.1	—	444.4				

196 DEAD - CDP ERROR

LAI SEISMIC RECORDING '76



CLIENT: U SGS	PROSPECT:	AREA: NPRA	LINE NO: 33/81
PARTY NO: 1186	INST. ENG: Hammond	Daily Tests FN 393 - 402	DATE: 4 DAY 15 YR 81

SHOTPOINT	TR 1-16		TR 16		SHOT				SPREAD		REMARKS:	CORR. STACK			
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	COP SWITCH		LINE GROUPS	HT	REC.	HT
434	822	404			50	60	75			5	422.1 — 445.4				
435		405			50	60	75			9	423.1 — 446.4				
436		406			50	60	75			13	424.1 — 447.4				
437		407			50	60	75			17	425.1 — 448.4				
438		408			50	60	75			21	426.1 — 449.4				
439		409			50	60	75			25	427.1 — 450.4				
440		410			50	60	75			29	428.1 — 451.4				
441		411			50	60	75			33	429.1 — 452.4				
442		412			50	60	75			37	430.1 — 453.4				
443		413			50	60	75			41	431.1 — 454.4				
444		414			50	60	75			45	432.1 — 455.4				
445		415			50	60	75			49	433.1 — 456.4				
446		416			50	60	75			53	434.1 — 457.4				
447		417			50	60	75			57	435.1 — 458.4				
448		418			50	60	75			61	436.1 — 459.4				
449		419			50	60	75			65	437.1 — 460.4				
450		420			50	60	75			69	438.1 — 461.4				
451		421			50	60	75			73	439.1 — 462.4				
452		422			50	60	75			77	440.1 — 463.4				
453		423			50	60	75			81	441.1 — 464.4				
454		424			50	60	75			85	442.1 — 465.4				
455		425			50	60	75			89	443.1 — 466.4				
456		426			50	60	75			93	444.1 — 467.4				
457		427			50	60	75			97	445.1 — 468.4				
458		428			50	60	75	220	S	101	446.1 — 469.4	T85 DEAD			
459		429			50	60	75	330	N	105	447.1 — 470.4				
460		430			25	67	75	110	N	109	448.1 — 471.4				
461		431			25	67	75			113	449.1 — 472.4				

LAI SEISMIC RECORDING '76



CLIENT: USGS	PROSPECT:	AREA: NPR A	LINE NO.: 33/81
PARTY NO.: 1186	INST. ENG.: Hammond	DATE: 4 DAY 15 TR 81	

SHOTPOINT	TR 10		TR 90		SHOT		SPREAD		REMARKS:	CORR. STACK								
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET		DIR.	COP SWITCH	LINE GROUPS		TR 1-48	TR 49-96			
	MT	REC	MT	REC								MT	REC	MT	REC			
46.2	872638	432			125	677.5				117	450.1	—	473.4	448				
46.3	872638	433			125	677.5				121	451.1	—	474.4					
46.4	872640	435			125	677.5				5	452.1	—	475.4	478				
46.5		436			125	677.5				9	453.1	—	476.4					
46.6		437			125	677.5				13	454.1	—	477.4					
46.7		438			125	677.5				17	455.1	—	478.4					
46.8		439			125	677.5				21	456.1	—	479.4					
46.9		440			125	677.5				25	457.1	—	480.4					
47.0		441			126	677.5				29	458.1	—	481.4					
47.1		442			125	677.5				33	459.1	—	482.4					
47.2		443			125	677.5				37	460.1	—	483.4					
47.3		444			125	677.5				41	461.1	—	484.4					
47.4		445			125	677.5				45	462.1	—	485.4					
47.5		446			125	677.5				49	463.1	—	486.4					
47.6		447			125	677.5				53	464.1	—	487.4					
47.7		448			125	677.5				57	465.1	—	488.4					
47.8		449			125	677.5				61	466.1	—	489.4					
47.9		450			125	677.5				65	467.1	—	490.4					
48.0		451			125	677.5				69	468.1	—	491.4					
48.1		452			125	677.5				73	469.1	—	492.4					
48.2		453			125	677.5	4010	E		77	470.1	—	493.4					
48.3		454			125	677.5				81	471.1	—	494.4					
48.4		455			125	677.5				85	472.1	—	495.4					
48.5		457			125	677.5				89	473.1	—	496.4					
48.6		458			125	677.5				93	474.1	—	497.4					
48.7		459			125	677.5				97	475.1	—	498.4					
48.8		460			125	677.5				101	476.1	—	499.4					
48.9		461			125	677.5				105	477.1	—	500.4					

T95 REV TRACE
FN434 - TEST FILE T92
T98 REV TRACE
T99
T96
T97

FN 456 MIS FIRE

LAP SEISMIC RECORDING LOG



CLIENT: USGS	PROSPECT:	AREA: N PRA	LINE NO.: 33/81
PARTY NO.: 1186	INST. ENG.: Hammond	DATE: 4 DAY 15 81	

SHOTPOINT	TR. 10		TR. 10		SHOT				SPREAD				REMARKS:	CORR. STACK			
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS			MT.	REC.	MT.	REC.
490	872640	462			125	167	75			109	478.1	501.4	478				
491		463			125	167	75			113	479.1	502.4					
492		464			125	167	75			117	480.1	503.4					
493		466			125	167	75			121	481.1	504.4					
494		467			125	167	75			5	482.1	505.4	508	MIS FIRE			
495		468			125	167	75			9	483.1	506.4		CHANGED FM BOARD T22 MISF			
496		469			125	167	75			17	485.1	508.4		CDP ERROR			
497		470			125	167	75			17	485.1	508.4					
498		471			125	167	75			21	486.1	509.4					
499		472			125	167	75			25	487.1	510.4					
500		473			125	167	75			29	488.1	511.4					
501		474			125	167	75			33	489.1	512.4					
502		475			125	167	75			37	490.1	513.4					
503		476			125	167	75			41	491.1	514.4					
504		477			125	167	75			45	492.1	515.4					
505		478			125	167	75			49	493.1	516.4					
506		479			125	167	75	110	N	53	494.1	517.4					
507		480			125	167	75			57	495.1	518.4					
508		481			125	167	75			61	496.1	519.4					
509		482			125	167	75			65	497.1	520.4					
510		483			125	167	75			69	498.1	521.4					
511		484			125	167	75			73	499.1	522.4					
512		485			125	167	75			77	500.1	523.4					
513		486			125	167	75			81	501.1	524.4					
514		487			125	167	75			85	502.1	525.4					
515	872640	488		TAPE	125	167	75			89	503.1	526.4					
516	872641	490		CHANGE	125	167	75			93	504.1	527.4		FN491 TEST FIRE			
517		492			125	167	75			97	505.1	528.4		FN491 MIS FIRE			

LAT SEISMIC RECORDING LOG



CLIENT: USGS	PROSPECT:	AREA: NPRA	LINE NO: 33/81
PARTY NO: 1186	INST. ENG: Hammond		DATE: 4 DAY 15 YEAR 81

SHOTPOINT	TR 16		TR 16		SHOT			SPREAD		REMARKS	CORR. STACK					
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.		CDP SWITCH	LINE GROUPS	TR 16	TR 48-96	REC.	REC.
518	264	493			125	167	75			101	506.1 — 529.4					
519		484			125	167	75			105	507.1 — 530.4					
520		495			125	167	75			109	508.1 — 531.4					
521		496			125	167	75			113	509.1 — 532.4					
522		497			125	167	75			117	510.1 — 533.4					
523		498			125	167	75			121	511.1 — 534.4					

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