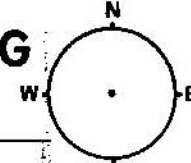
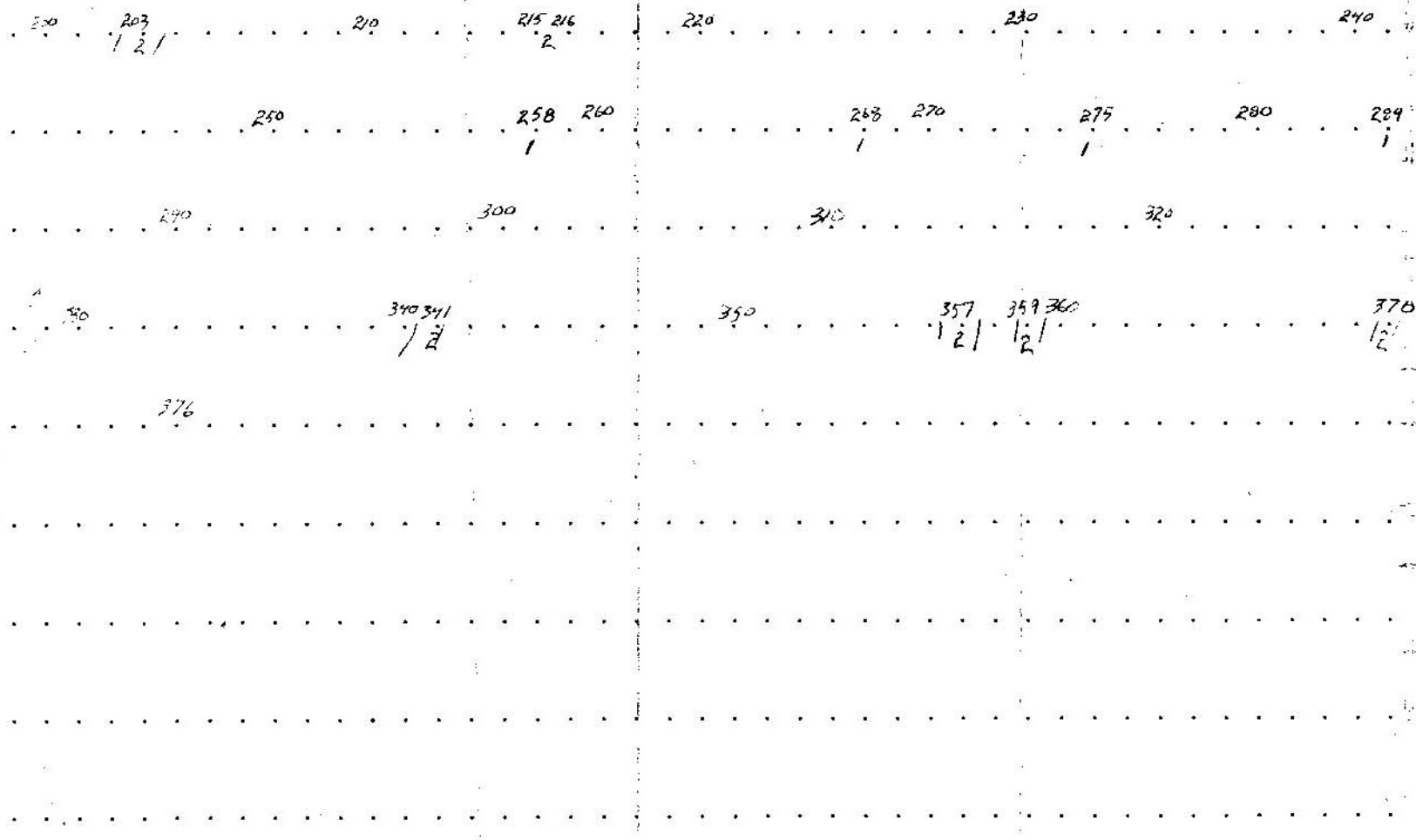




GEOPHYSICAL SERVICES INC. ALASKA DIMENSIONLESS LINE LOG



PARTY 1186 LINE No. 79-81 GROUP INTERVAL 110 DATE 9 JAN 81 LINE PROGRESSION _____



LEGEND:

1. LAKE
2. RIVER/CREEK
3. SEA ICE
4. ICE LEAD
5. PRESSURE RIDGE
6. ROAD
7. PIPELINE
8. DRILLING RIG
9. PUMP STATION
10. BUILDING
11. ISLAND
12. HILL
13. RAVINE
14. DRIVE AROUND THIS WAY
15. STACK SP/VP ON THIS SP/VP
16. GROUP
17. VP/SP
18. NO PERMIT AREA

REMARKS:

LAND SEISMIC RECORDING LOG

14.5 hrs

CLIENT: G.S.C.S. PROSPECT: _____ AREA: N/PRA LINE NO: 39/81

PARTY NO: 1186 INST. ENG: Luster - Hammond DATE: 1 DAY 8 YR 81

INSTRUMENT (9-TRACK): 1 SYSTEM 2 SYSTEMS 1-24 & 25-48 ODDS & EVENS 1-48 & 49-96

NO. BYTES IN HEADER REC: 28 NO. BYTES IN RECORD ID: _____ NO. BYTES PER SCAN: 254

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: _____ DATA CHANNEL NOS.: _____

PARAMETER: RECORD LENGTH: 6 sec SAMPLE RATE: 1 ms 4 ms 2 ms .5 ms

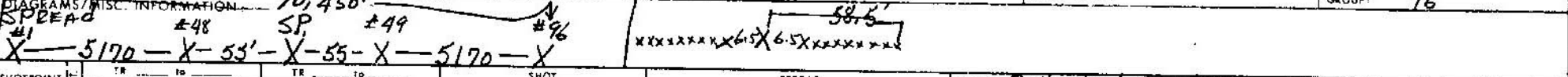
DISPLAY: MODE: AGC FLOAT AMPLIFIER DEFLOAT DIRECT INITIAL GAIN: 24 db

CFS I: TYPE STACK: _____ GATE LENGTH: _____ RECORD REJECTION: _____

SOURCE: TYPE: DYNAMITE VIBROSEIS OTHER PATTERN: Single Chrg NO. OF POSITIONS: 1 INLINE SPACING: 110 LATERAL SPACING: _____

RECEIVER: TYPE: G.S. 20D CONNECTION: Series/Parallel PATTERN: In line RESISTANCE: _____ NO. OF ELEMENTS: 18 STAGGER: _____

SPREAD: NO. OF GROUPS: 96 GROUP INTERVAL: 110 SHOTPOINT INTERVAL: 440 FOLD: 12 LATERAL SPACING: 6.5



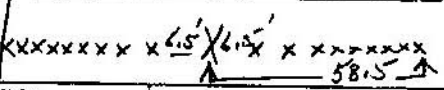
SHOTPOINT	TR		TR		SHOT		SPREAD		REMARKS	CORR. STACK			
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET		DIR.	COP SWITCH	LINE GROUPS	TR 1-48
101	8122	211	17	213	50	75	30	19	19	+S11+1 - +S14/1001-103			
102		212			50	75	30	27	27	+S10+1 - 101+4/102+1-103			
103		213			50	75	30	25	25	94 - 102+4/103+4 - 114+4			
104		221			50	75	30	73	73	12+1 - 1+4/100+1 - 111			
105		225			50	75	30	29	29	8+1 - 103+4/104+1 - 112			
106		226			50	75	30	33	33	7+1 - 104+4/105+1 - 114			
107A		227			50	90	105	37	37	6+1 - 105+4/106+1 - 117			
B		228			100	75	105	41	41				
C		229			50	85	90	41	41				
D		230			110	85	90	41	41				
E		231			50	60	75	41	41				
108		232			50	75	90	45	45	4+1 - 102+4 - 108+1 - 114			

16.0 hrs.

LAND SEISMIC RECORDING LOG

CLIENT: USGS PARTY NO: 1186		PROSPECT: Luster/Hammond		AREA: NPRA		LINE NO: 39/81													
INST. ENG: 1-24 & 25-48 1-48 & 49-96		ODDS & EVENS: <input type="checkbox"/>		TYPE: <input type="checkbox"/> DFS III <input checked="" type="checkbox"/> DFS X <input type="checkbox"/> OTHER		TRACKS: <input checked="" type="checkbox"/> 9 TRACK <input type="checkbox"/> 21 TRACK		FOPMAT SEG: B		GAPPED: <input checked="" type="checkbox"/> GAPPED <input type="checkbox"/> UNGAPPED		PACKING DENSITY: 1600 (LO) <input type="checkbox"/> 356 BPI <input type="checkbox"/> 800 BPI <input checked="" type="checkbox"/> 1600 BPI		DATE: 1 DAY 9 YR 81					
INSTRUMENT: [9-TRACK] NO. BYTES IN HEADER REC: 228		NO. BYTES IN RECORD ID:		NO. BYTES PER SCAN: 254		RECORD NUMBERS: <input checked="" type="checkbox"/> DEC. <input type="checkbox"/> OCT.		GAIN CONSTANT: 48 db		INPUT IMPEDANCE: 200.0 ohms		(M) <input type="checkbox"/> 712 BPI <input checked="" type="checkbox"/> 1600 BPI							
CONFIGURATION (MAG TAPE):		FIELD TRACE NOS.:		DATA CHANNEL NOS.:		AUXILIARY DATA: SPS CLK ± B (2) (3) (4) (5) (6) (7)		AUXILIARY CHANNEL NOS.:											
PARAMETER:		RECORD LENGTH: 6 sec		SAMPLE RATE: <input checked="" type="checkbox"/> 1 ms. <input type="checkbox"/> 4 ms. <input type="checkbox"/> 2 ms.		GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> OPERATE		FILTERS: FREQ: 8		LO CUT HZ SLOPE: 18		HI CUT HZ SLOPE: 72		NOTCH FILTER: <input checked="" type="checkbox"/> IN <input type="checkbox"/> OUT					
DISPLAY:		MODE: <input type="checkbox"/> AGC <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> DEFLOAT <input type="checkbox"/> DIRECT		INITIAL GAIN:		TRIP SENS:		POLARITY CONVENTION: Pos		PRESSURE INCREASE ON GEOPHONE:		<input type="checkbox"/> NEGATIVE <input checked="" type="checkbox"/> POSITIVE		<input type="checkbox"/> DOWNBREAK <input checked="" type="checkbox"/> UPBREAK		<input type="checkbox"/> ON DISPLAY			
SOURCE:		TYPE: <input checked="" type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER		PATTERN: Single Chg.		NO. OF POSITIONS: 1		INLINE SPACING: 440'		LATERAL SPACING:		STAGGER:		LENGTH:		WIDTH:		LATERAL OFFSET:	
RECEIVER:		TYPE: G.S. 20d		PATTERN: INLINE		NO. OF ELEMENTS: 18		INLINE SPACING: 6.6'		LATERAL SPACING:		STAGGER:		LENGTH:		WIDTH:		LATERAL OFFSET:	
SPREAD:		NO. OF GROUPS: 96		GROUP INTERVAL: 110		SHOTPOINT INTERVAL: 440'		FOLD: 12		DIRECTION OF PROGRESSION: → North/East		LEADING GROUP: # 96							



DIAGRAMS/MISC. INFORMATION:
SPREAD
 #1 - 5170'-48-55' - SR-55' - 49-5170 - #96N



SHOTPOINT	TR 10		TR 10		SHOT		SPREAD		REMARKS	CORR. STACK				
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET		TR 1-48	TR 48-96	REC.	HT.	REC.
109	8725102	254	17	2253	50	75	35	37	1	PS				
110		255			50	75			5	3+1-108+4/109+4-120+4				
111		256			50	75			9	5+1-109+4/110+1-121+4				
112		257			50	75			13	1+1-110+4/111+1-122+4				
113		258			50	75			17	10+1-112+4/113+1-124+4				
114		259			50	75			21	102+1-113+4/114+1-125+4				
115		260			50	75			25	103+1-104+4/115+1-126+4				
116		261			50	75			29	104+1-115+4/116+1-127+4				
117		263			50	75			33	105+1-116+4/117+1-128+4				
118		264			50	75			37	106+1-117+4/118+1-129+4				
119		265			50	75			41	107+1-118+4/119+1-130+4				
120		266			50	75			45	108+1-119+4/120+1-131+4				
121		267			50	75	105	8	49	109+1-120+4/121+1-132+4				
122		268			50	75	30	W	5	110+1-121+4/122+1-133+4				
123		269			50	75			9	111+1-122+4/123+1-134+4				
124		270			50	75	110	N	13	112+1-123+4/124+1-135+4				
125		271			50	75			17	113+1-124+4/125+1-136+4				
126		272			50	75			21	114+1-125+4/126+1-137+4				
127		273			50	75			25	115+1-126+4/127+1-138+4				
128		274			50	75			29	116+1-127+4/128+1-139+4				
129		275			50	75	20	W	33	117+1-128+4/129+1-140+4				

115
 127
 129

LAND SEISMIC RECORDING LOG

	CLIENT: <u>USGS</u>	PROSPECT: _____	AREA: <u>NPRA</u>	LINE NO: <u>39/81</u>	
	PARTY NO: <u>1186</u>	INST. ENG: <u>LUSTER/HAMMOND DAILY TESTS F/N 289 - F/N 297</u>		DATE: <u>1 DAY 11 81</u>	

SHOTPOINT	TR. 1		TR. 2		SHOT			SPREAD		REMARKS	CORR. STACK					
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.		COP SWITCH	LINE GROUPS	HT	REC.	HT	REC.
130A	81725013	2918			50	75	11	1110	N	1	118.1-129.4, 130.1-141.4					
130B		303			50	75	1	1110	N	1	118.1-129.4, 130.1-141.4					
131		305			50	75	2			5	119.1-130.4, 131.1-142.4					
132		306			50	75	3			9	120.1-131.4, 132.1-143.4					
133		307			50	75	4			13	121.1-132.4, 133.1-144.4					
134		308			50	75	5	1110	S	17	122.1-133.4, 134.1-145.4					
135		309			50	75	6			21	123.1-134.4, 135.1-146.4					
136		310			50	75	7			25	124.1-135.4, 136.1-147.4					
137		311			50	75	8			29	125.1-136.4, 137.1-148.4					
138		312			50	75	9			33	126.1-137.4, 138.1-149.4					
139		313			50	75	10			37	127.1-138.4, 139.1-150.4					
140		314			50	75	11			41	128.1-139.4, 140.1-151.4					
141		315			50	75	12			45	129.1-140.4, 141.1-152.4					
142		316			50	75	13	330	S	49	130.1-141.4, 142.1-153.4					
143		318			50	75	14	320	N	5	131.1-142.4, 143.1-154.4					
144		319			50	75	15			9	132.1-143.4, 144.1-155.4					
145		320			50	75	16			13	133.1-144.4, 145.1-156.4					
146		321			50	75	17			17	134.1-145.4, 146.1-157.4					
147		322			50	75	18			21	135.1-146.4, 147.1-158.4					
148		323			50	75	19	50	S	25	136.1-147.4, 148.1-159.4					T95 DEAD
149		324			50	75	20	300	E	29	137.1-148.4, 149.1-160.4					T91 DEAD
150		325			50	75	21			33	138.1-149.4, 150.1-161.4					T87 DEAD
151		326			50	75	22			37	139.1-150.4, 151.1-162.4					
152		327			50	75	23	150	S	41	140.1-151.4, 152.1-163.4					T79 DEAD
153		328			50	75	24			45	141.1-152.4, 153.1-164.4					
154		330			50	75	25			1	142.1-153.4, 154.1-165.4					F/N 329 TEST T.B. T53 NOISE
155		331			50	75	26			5	143.1-154.4, 155.1-166.4					T11 DEAD
156		332			50	75	27			9	144.1-155.4, 156.1-167.4					T7 DEAD
157		333			50	75	28			13	145.1-156.4, 157.1-168.4					T3 DEAD
158		334			50	75	29			17	146.1-157.4, 158.1-169.4					
159		335			50	75	30			21	147.1-158.4, 159.1-170.4					
160		336			50	75	31			25	148.1-159.4, 160.1-171.4					
161		337			50	75	32			29	149.1-160.4, 161.1-172.4					
162		338			50	75	33			33	150.1-161.4, 162.1-173.4					
163	8172503	339			50	75	34	110	S	37	151.1-162.4, 163.1-174.4					

LAND SEISMIC RECORDING LOG



CLIENT: USGS

PROSPECT:

AREA: NPRA

LINE NO: 39/81

PARTY NO: 1186

INST. ENG: LUSTER / HARRISON

DAILY TESTS FN 340 - 351

DATE: 1 DAY 12th 81

SHOTPOINT	TR. 10		TR. 10		SHOT		SPREAD		DIR.	COP SWITCH	LINE GROUPS	REMARKS	CORR. STACK			
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET					TR 1-25	TR 26-50	TR 51-75	TR 76-100
1164	272503	3513			150	175			N	5	162.1-163.4, 164.1-175.4	FN 343 & 345 N/G (352 test + B)				
1165	272505	3555			150	175				9	153.1-164.4, 165.1-176.4	T 23 Noisy				
1166		3519			150	175				13	154.1-165.4, 166.1-177.4	TAPE CHANG (480504 missing) (359 test + B)				
1167		3601			150	175				17	155.1-166.4, 167.1-178.4	FN 356 T 6 TEST FN 357-358 T.B. TESTS				
1168		3612			150	175				21	156.1-167.4, 168.1-179.4					
1169		362			150	175				25	157.1-168.4, 169.1-180.4					
1170		3614			150	175				29	158.1-169.4, 170.1-181.4					
1171		3625			150	175				33	159.1-170.4, 171.1-182.4					
1172		3616			150	175			N	37	160.1-171.4, 172.1-183.4					
1173		3617			150	175				41	161.1-172.4, 173.1-184.4					
1174		3618			150	175				45	162.1-173.4, 174.1-185.4					
1175		3619			150	175				49	163.1-174.4, 175.1-186.4					
1176		3721			150	175				5	164.1-175.4, 176.1-187.4	(T.B. TEST FN 370)				
1177		3713			150	175				9	165.1-176.4, 177.1-188.4	(T.B. TEST FN 372)				
1178		3714			150	175				13	166.1-177.4, 178.1-189.4	(T.B. TEST FN 373-374-375-376)				
1179		3718			150	175				17	167.1-178.4, 179.1-190.4	(FN 375 376 377 T.B. TESTS)				
1180		3719			150	175				17	167.1-178.4, 179.1-190.4	COP ERROR				
1181		380			150	175				25	169.1-180.4, 191.1-192.4					
1182		3811			150	175				29	170.1-181.4, 182.1-193.4					
1183		382			150	175				33	171.1-182.4, 183.1-194.4					
1184		3833			150	175				37	172.1-183.4, 184.1-195.4					
1185		386			150	175				41	173.1-184.4, 185.1-196.4	FN 384 N/G				
1186		386			150	175				45	174.1-185.4, 186.1-197.4					
1187		387			150	175				49	175.1-186.4, 187.1-198.4					
1188		3888			150	175				5	176.1-187.4, 188.1-199.4	T 64 Noisy				
1189		3889			150	175			S	9	177.1-188.4, 189.1-200.4					
1190		3890			150	175				13	178.1-189.4, 190.1-201.4					
1191		3891			150	175				17	179.1-190.4, 191.1-202.4					
1192		3892			150	175				21	180.1-191.4, 192.1-203.4					
1193		3893			150	175				25	181.1-192.4, 193.1-204.4					
1194		3894			150	175	2120		N	29	182.1-193.4, 194.1-205.4					
1195		3895			150	175				33	183.1-194.4, 195.1-206.4					
1196		3896			150	175				37	184.1-195.4, 196.1-207.4	SPS POOR				
1197		3897			150	175				41	185.1-196.4, 197.1-208.4					
1198		3898			150	175				45	186.1-197.4, 198.1-209.4					
1199		3899			150	175				49	187.1-198.4, 199.1-210.4					

LAND SEISMIC RECORDING LOG



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

PROSPECT: **ZUSTER / 44mm (no)**
 INST. ENG: **Daily Tests F/50 - 408**

AREA: **NPRA**
 TEST TB **F/N 408**

LINE NO: **39/81**
 DATE: **1 DAY 13 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	HT	REC.	HT	REC.
200	8725015	410			50	75	1			5	188.1-199.4, 200.1-204.05					T60 NOISY
201		411			50	75				9	189.1-200.4, 201.1-212.4					
202		412			50	75				13	190.1-201.4, 202.1-213.4					
203		413			50	75				17	191.1-202.4, 203.1-214.4					
204		414			50	75				21	192.1-203.4, 204.1-215.4					
205		415			50	75				25	193.1-204.4, 205.1-216.4					
206		416			50	75				29	194.1-205.4, 206.1-217.4					
207		417			50	75				33	195.1-206.4, 207.1-218.4					
208		418			50	75				37	196.1-207.4, 208.1-219.4					
209		419			50	75				41	197.1-208.4, 209.1-220.4					
210		420			50	75				45	198.1-209.4, 210.1-221.4					
211	8725015	421		CHANGE	50	75				49	199.1-210.4, 211.1-222.4					
212	872506	423		CHANGE	50	75				5	200.1-211.4, 212.1-223.4					(FN 422 TEST TB)
213		424			50	75				9	201.1-212.4, 213.1-224.4					
214		425			50	75				13	202.1-213.4, 214.1-225.4					
215		426			50	75				17	203.1-214.4, 215.1-226.4					
216A		427			50	75				21	204.1-215.4, 216.1-227.4					NO FTB
216B		429			50	75				21	204.1-215.4, 216.1-227.4					(FN 428 TEST TB)
217		430			50	75				25	205.1-216.4, 217.1-228.4					
218		431			50	75				29	206.1-217.4, 218.1-229.4					
219		432			50	75				33	207.1-218.4, 219.1-230.4					
220		433			50	75				37	208.1-219.4, 220.1-231.4					
221		434			50	75				41	209.1-220.4, 221.1-232.4					
222		435			50	75				45	210.1-221.4, 222.1-233.4					
223		436			50	75				49	211.1-222.4, 223.1-234.4					
224		438			50	75				5	212.1-223.4, 224.1-235.4					(FN 437 TEST TB)
225		439			50	75				9	213.1-224.4, 225.1-236.4					
226		440			50	75				13	214.1-225.4, 226.1-237.4					
227		441			50	75				17	215.1-226.4, 227.1-238.4					
228		442			50	75				21	216.1-227.4, 228.1-239.4					
229		443			50	75				25	217.1-228.4, 229.1-240.4					
230		444			50	75				29	218.1-229.4, 230.1-241.4					
231		445			50	75				33	219.1-230.4, 231.1-242.4					
232		446			50	75				37	220.1-231.4, 232.1-243.4					
233		447			50	75				41	221.1-232.4, 233.1-244.4					
234		448			50	75				45	222.1-233.4, 234.1-245.4					

LAND SEISMIC RECORDING LOG



CLIENT: USGS

PROSPECT: _____

AREA: NPRA

LINE NO: 39/81

PARTY NO: 1186

INST. ENG: LUSTER / HAMMOND

DATE: 1 DAY 13 YEAR 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 1-80	TR 80-90	TR 90-95	TR 95-100
													MT	REC	MT	REC
2355	1725016	444			50	75					49	223.1-234.4, 235.1-236.4				
2366		451			50	75					5	224.1-235.4, 236.1-247.4	(FN 450 TEST TB)			
2377		452			50	75					9	225.1-236.4, 237.1-248.4	NO UP HOLD			
2388		454			50	75					13	226.1-237.4, 238.1-249.4	(FN 453 TEST TB)			
2399		455			50	75					17	227.1-238.4, 239.1-250.4				
2409		456			50	75					21	228.1-239.4, 240.1-251.4				
2411		457			50	75					25	229.1-240.4, 241.1-252.4				
2422		458			50	75	220	S			29	230.1-241.4, 242.1-253.4				
2433		459			50	75					33	231.1-242.4, 243.1-254.4				
2444		460			50	75					37	232.1-243.4, 244.1-255.4				
2455		461			50	75					41	233.1-244.4, 245.1-256.4				
2466		462			50	75					45	234.1-245.4, 246.1-257.4				
2477		463			50	75					49	235.1-246.4, 247.1-258.4				
2488		466			50	75					5	236.1-247.4, 248.1-259.4	(FN 464 TEST TB) (FN 465 N/G) TB DEAD			
2499		467			50	75					9	237.1-248.4, 249.1-260.4				
2500		468			50	75					13	238.1-249.4, 250.1-261.4				
2511		469			50	75					17	239.1-250.4, 251.1-262.4				
2522		470			50	75					21	240.1-251.4, 252.1-263.4				
2533		471			50	75					25	241.1-252.4, 253.1-264.4				
2544		472			50	75					29	242.1-253.4, 254.1-265.4				
2555		473			50	75					33	243.1-254.4, 255.1-266.4				
2566		474			50	75					37	244.1-255.4, 256.1-267.4				
2577		475			50	75					41	245.1-256.4, 257.1-268.4				
2588		476			50	75	220	S			45	246.1-257.4, 258.1-269.4				
2599	1725016	477			50	75					49	247.1-258.4, 259.1-270.4				

LAND SEISMIC RECORDING LOG



CLIENT: **USGS**

PROSPECT: **CUSTER/HAMMOND**

AREA: **NPRA**

LINE NO: **39/81**

PARTY NO: **1186**

INST. ENG.: **DAILY TESTS - FN 478-488**

DATE: **1 14 81**



SHOTPOINT	TR. 8		TR. 10		SHOT			DIR.	CDP SWITCH	SPREAD		REMARKS	CORE STACK			
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.			OFFSET	TR. 1-24		TR. 25-36	TR. 37-48	TR. 49-96	
260	872507	491			50	75	11		5	248.1-259.4	260.1-271.4	FN 478 N/G				
261		493			50	75			9	249.1-260.4	261.1-272.4	FN 479 N/G (FN 490 TEST TB) UNFTB				
262		494			50	75			13	250.1-261.4	262.1-273.4	FN 492 MISS FIRE				
263		495			50	75			17	251.1-262.4	263.1-274.4					
264		496			50	75			21	252.1-263.4	264.1-275.4					
265		497			50	75			25	253.1-264.4	265.1-276.4					
266		498			50	75			29	254.1-265.4	266.1-277.4					
267		499			50	75			33	255.1-266.4	267.1-278.4					
268		500			50	75			37	256.1-267.4	268.1-279.4					
269		501			50	75			41	257.1-268.4	269.1-280.4					
270		502			50	75			45	258.1-269.4	270.1-281.4					
271		503			50	75			49	259.1-270.4	271.1-282.4					
272		504			50	75			5	260.1-271.4	272.1-283.4	FN 504 TEST TB				
273		506			50	75			9	261.1-272.4	273.1-284.4					
274		507			50	75			13	262.1-273.4	274.1-285.4					
275		508			50	75			17	263.1-274.4	275.1-286.4					
276		509			50	75			21	264.1-275.4	276.1-287.4					
277		510			50	75			25	265.1-276.4	277.1-288.4					
278		511			50	75			29	266.1-277.4	278.1-289.4					
279		512			50	75			33	267.1-278.4	279.1-290.4					
280		513			50	75			37	268.1-279.4	280.1-291.4					
281		514			50	75			41	269.1-280.4	281.1-292.4					
282		515			50	75			45	270.1-281.4	282.1-293.4					
283		516			50	75			49	271.1-282.4	283.1-294.4	FN 517 TEST TB				
284		518			50	75			5	272.1-283.4	284.1-295.4					
285		519			50	75	200	N	9	273.1-284.4	285.1-296.4					
286		520			50	75			13	274.1-285.4	286.1-297.4					
287		521			50	75			17	275.1-286.4	287.1-298.4					
288		522			50	75			21	276.1-287.4	288.1-299.4					
289		523			50	75			25	277.1-288.4	289.1-300.4					
290		524			50	75			29	278.1-289.4	290.1-301.4					
291		525			50	75			33	279.1-290.4	291.1-302.4					
292		526			50	75			37	280.1-291.4	292.1-303.4					
293		527			50	75			41	281.1-292.4	293.1-304.4					
294		528			50	75	220	N	45	282.1-293.4	294.1-305.4					
295		529			50	75			49	283.1-294.4	295.1-306.4	T49 DEAD				

LAND SEISMIC RECORDING LOG



CLIENT: USGS PROSPECT: AREA: NPRA LINE NO: 39/81
 PARTY NO: 1186 INST. ENG: LUSTER/HARRISON DATE: MO 1 DAY 15 YR 81

SHOTPOINT	TR 10		TR 10		SHOT			SPREAD			REMARKS	CORR. STACK			
	REEL NO.	SEC.	REEL NO.	REC.	SIZE	DEPTH	NO. OFFSET	DR.	CDP SWITCH	LINE GROUPS		HT.	REC.	HT.	REC.
30013	3714509	566			50	175			5	296.1-302.4, 308.1-319.4	313				FN565 TEST TB) REGRILL
30014		567			50	175			9	297.1-308.4, 309.1-320.4					
30015		568			50	175			13	298.1-309.4, 310.1-326.4					
30016		569			50	175			17	299.1-310.4, 311.1-327.4					
30017		570			50	175	150	N	21	300.1-311.4, 312.1-323.4					
30018		571			50	175			25	301.1-312.4, 313.1-324.4					T94 REU. 1000000
30019		572			50	175			29	302.1-313.4, 314.1-325.4					T90 " "
30020		573			50	175			33	303.1-314.4, 315.1-326.4					
30021		574			50	175			37	304.1-315.4, 316.1-327.4					
30022		576			50	175			41	306.1-316.4, 317.1-328.4					FN575 1/8
30023		577			50	175			45	306.1-317.4, 318.1-329.4					
30024		579			50	175			1	307.1-318.4, 319.1-330.4	325				FN578
30025		580			50	175			5	308.1-319.4, 320.1-331.4					
30026		581			50	175			9	309.1-320.4, 321.1-332.4					
30027		582			50	175			13	310.1-321.4, 322.1-333.4					
30028		583			50	175			17	311.1-322.4, 323.1-334.4					
30029		584			50	175			21	312.1-323.4, 324.1-335.4					NO UPHOLD
30030		585			50	175			25	313.1-324.4, 325.1-336.4					
30031		586			50	175			29	314.1-325.4, 326.1-337.4					
30032		587			50	175			33	315.1-326.4, 327.1-338.4					
30033		588			50	175			37	316.1-327.4, 328.1-339.4					
30034		589			50	175			41	317.1-328.4, 329.1-340.4					
30035		590			50	175			45	318.1-329.4, 330.1-341.4					
30036		591			50	175			49	319.1-330.4, 331.1-342.4					
30037		593			50	175			5	320.1-331.4, 332.1-343.4	337				FN592
30038		594			50	175			9	321.1-332.4, 333.1-344.4					NO FTB
30039		595			50	175			13	322.1-333.4, 334.1-345.4					
30040		596			50	175			17	323.1-334.4, 335.1-346.4					
30041		597			50	175			21	324.1-335.4, 336.1-347.4					
30042		598			50	175			25	325.1-336.4, 337.1-348.4					
30043		599			50	175			29	326.1-337.4, 338.1-349.4					
30044		600			50	175			33	327.1-338.4, 339.1-350.4					
30045		601			50	175			37	328.1-339.4, 340.1-351.4					
30046		602			50	175	100	N	41	329.1-340.4, 341.1-352.4					
30047		603			50	175			45	330.1-341.4, 342.1-353.4					
30048		604			50	175			49	331.1-342.4, 343.1-354.4					

LAND SEISMIC RECORDING LOG



CLIENT: USGS
 PARTY NO: 1196


PROSPECT: LUSTER (HAMMISAV)

AREA: NPRA

LINE NO: 39/81
 DATE: 1 DAY 15 YE 81

SHOTPOINT	TR. _____ to _____		TR. _____ to _____		SHOT				DIR.	CDP SWITCH	SPREAD		REMARKS	CORR. STACK				
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET			LINE GROUPS	NO.		TR 1-40	TR 40-80	REC.	REC.	
3143	87245A	1606			5.0	175	37			5	332.1-343.4, 344.1-355.4	349	FN605 TEST TB	T34 DEAD				
3145		1607			5.0	175				9	333.1-344.4, 345.1-356.4							
3146		1609			5.0	175				13	334.1-345.4, 346.1-357.4							
3147		1610			5.0	175				17	335.1-346.4, 347.1-358.4		FN609 N/G					
3148	8724508	1611		TAPES	5.0	175				21	336.1-347.4, 348.1-359.4							
3149	8724510	1612		CHANGE	5.0	175				25	337.1-348.4, 349.1-360.4							
3510		1613			5.0	175				29	338.1-349.4, 350.1-361.4							
3511		1615			5.0	175				33	339.1-350.4, 351.1-362.4		FN614 N/G					
3512		1616			5.0	175				37	340.1-351.4, 352.1-363.4							
3513		1617			5.0	175				41	341.1-352.4, 353.1-364.4							
3514		1618			5.0	175				45	342.1-353.4, 354.1-365.4							
3515		1619			5.0	175				49	343.1-354.4, 355.1-366.4							
3516		1621			5.0	175				5	344.1-355.4, 356.1-367.4	36	(FN620 TEST TB)					
3517		1622			5.0	175				9	345.1-356.4, 357.1-368.4							
3518		1623			5.0	175				13	346.1-357.4, 358.1-369.4							
3519		1624			5.0	175				17	347.1-358.4, 359.1-370.4		No FTB					

LAND SEISMIC RECORDING LOG

	CLIENT: USGS	PROSPECT: _____	AREA: NRA	LINE NO: 39/81
	PARTY NO: 1186	INST. ENG: LUSTER/HAMMOND	DATE: NOV 16 1980	
	Daily Tests FN626-634			

SHOTPOINT	TR. 1		TR. 2		SHOT			SPREAD		REMARKS	CORE STACK					
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.		CDP SWITCH	LINE GROUPS	TR 1-48	TR 49-96	REC.	REC.
3598	3025A	636			50	75	11				5	347.1-358.4, 359.1-370.4, 364				
360		637			50	75					9	348.1-359.4, 360.1-371.4				
361		638			50	76					13	349.1-360.4, 361.1-372.4				
362		639			50	75					17	350.1-361.4, 362.1-373.4				
363		640			50	75					21	351.1-362.4, 363.1-374.4				
364		641			50	75					25	352.1-363.4, 364.1-375.4				
365		642			50	75					29	353.1-364.4, 365.1-376.4				
366		643			50	75					33	354.1-365.4, 366.1-377.4				
367		644			50	75					37	355.1-366.4, 367.1-378.4				
368		645			50	75					41	356.1-367.4, 368.1-379.4				
369		646			50	75	510	R			45	357.1-368.4, 369.1-390.4				
370		647			50	75					49	358.1-369.4, 370.1-381.4				
371		648			50	75					17	359.1-370.4, 371.1-382.4	372			
372		650			50	75					21	360.1-371.4, 372.1-383.4				
373		651			50	75					25	361.1-372.4, 373.1-384.4				
374		652			50	75					29	362.1-373.4, 374.1-385.4				
375		653			50	75					33	363.1-374.4, 375.1-386.4				
376		654			50	75					37	364.1-375.4, 376.1-387.4				
EOL											EOL					

FN 625 N/G
 FN 635- Test TB (Redall)
 TIL DEAD
 (FN 648 Test TB)