








ALASKA LAND SEISMIC RECORDING LOG

	CLIENT: USGS	PROSPECT:	AREA: NPRA	LINE NO: 16/81					
	PARTY NO: 1186	INST. ENG: Hammond		DATE: MO 3 DAY 13 YR 81					
INSTRUMENT (9-TRACK)	<input checked="" type="checkbox"/> 1 SYSTEM <input type="checkbox"/> 2 SYSTEMS	<input type="checkbox"/> 1-24 & 25-48 <input checked="" type="checkbox"/> 48 & 49-96	<input type="checkbox"/> 1-60 <input type="checkbox"/> 61-120	TYPE: <input type="checkbox"/> DFS <input checked="" type="checkbox"/> OTHER	FORMAT: B	<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: 220	NO. BYTES IN RECORD ID: _____	NO. BYTES PER SCAN: 254	GAIN CONSTANT: 48 db	INPUT IMPEDANCE: 2000 ohms				
CONFIGURATION (MAG TAPE)	FIELD TRACE NOS.: 1-96			AUXILIARY DATA: SP5 C2 T6 C3 F. T6 (4) (5) (6) (7)					
	DATA CHANNEL NOS.: _____ (ON MAG TAPE)			AUXILIARY CHANNEL NOS.: 97 98 99					
PARAMETER	RECORD LENGTH: 6 sec.	SAMPLE RATE: <input type="checkbox"/> 1 ms. <input type="checkbox"/> 4 ms.	GAIN MODE: <input checked="" type="checkbox"/> INITIAL <input type="checkbox"/> FINAL	FILTERS: _____	LO CUT HZ SLOPE: 8	HI CUT HZ SLOPE: 128	NOTCH FILTER: <input checked="" type="checkbox"/> IN <input type="checkbox"/> OUT		
DISPLAY	MODE: <input checked="" type="checkbox"/> AGC <input type="checkbox"/> FLOAT <input type="checkbox"/> DEFOAT	INITIAL GAIN: 12 db	TRIP SENS: 36 db	POLARITY CONVENTION: _____	PRESSURE INCREASE ON GEOPHONE: <input type="checkbox"/> NEGATIVE <input checked="" type="checkbox"/> POSITIVE	NUMBERS ON MAG. TAPE: <input type="checkbox"/> DOWNBREAK <input type="checkbox"/> UPBREAK	ON DISPLAY: _____		
FT 1	TYPE STACK: _____	DATE 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: SING. CHG.	NO. OF POSITIONS: 1	INLINE SPACING: 440'	LATERAL SPACING: _____	STAGGER: _____	LENGTH: _____	WIDTH: _____	LATERAL OFFSET: _____
	CHG/ HOLE: 1	HOLE DEPTH: 90'	SWEEP POSITION: _____	SWEEP START: _____	SWEEP END: _____	SWEEP LENGTH: _____	SWEEP TAPER: _____	PHASE COMP: _____	
RECEIVER	TYPE: GS 20 D	PATTERN: INLINE	NO. OF ELEMENTS: 18	INLINE SPACING: 6.5'	LATERAL SPACING: _____	STAGGER: _____	LENGTH: _____	WIDTH: _____	LATERAL OFFSET: _____
	CONNECTION: Series Parallel	RESISTANCE: _____ ohms							
SPREAD	NO. OF GROUPS: 96	GROUP INTERVAL: 110'	SHOTPOINT INTERVAL: 440'	FOLD: 12	DIRECTION OF PROGRESSION: W				
	OFFSET GROUP 1: 5225	OFFSET GROUP 48 : 55	OFFSET GROUP 49 : 55'	OFFSET GROUP 46/96 : 5225'	LEADING GROUP: 96				
DIAGRAMS/MISC. INFORMATION:		GEOPHONE LAYOUT DIAGRAM			VIBRATOR ARRAY				
		<ul style="list-style-type: none">  STAKE  GEOPHONE 			<ul style="list-style-type: none">  START STAKE (OR FLAG)  STOP STAKE (OR FLAG) 				

LAND SEISMIC RECORDING LOG

	CLIENT: USGS	PROSPECT:	AREA:	LINE NO: 16/81
	PARTY NO: 1186	INST. ENG: Hammond	DATE: 3 DAY 13 YEAR 81	
DAILY TESTS FN102-110				

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.
282	112	112			50	75	90			1	274.1 — 297.4	292				TEST FILE FN11
283	113	113			50	75	90			1	274.1 — 297.4					
284	114	114			50	75	90			1	274.1 — 297.4					VENTED
285	115	115			50	75	90			1	274.1 — 297.4					
286	116	116			50	75	90			1	274.1 — 297.4					
287	117	117			50	75	90			5	275.1 — 298.4					
288	118	118			50	75	90			9	276.1 — 299.4					
289	119	119			50	75	90			9	276.1 — 299.4					COPEXAR T1, 2, 3 & 4 DEAD
290	120	120			50	60	75			17	278.1 — 301.4					
291	121	121			50	75	90			21	279.1 — 302.4					
292	122	122			50	60	75			25	280.1 — 303.4					
293	123	123			50	60	75			29	281.1 — 304.4					
294	124	124			50	60	75			33	282.1 — 305.4					
295	125	125			50	60	75			37	283.1 — 306.4					
296	126	126			50	60	75			41	284.1 — 307.4					
297	127	127			50	60	75			45	285.1 — 308.4					
298	128	128			50	60	75			49	286.1 — 309.4					
299	129	129			50	60	75	111.0	E	5	287.1 — 310.4	304				
300	130	130			50	60	75	400	N	9	288.1 — 311.4					
301	131	131			50	60	75			13	289.1 — 312.4					
302	132	132			50	60	75			17	290.1 — 313.4					
303	133	133			50	60	75			21	291.1 — 314.4					
304	134	134			50	60	75			25	292.1 — 315.4					
305	135	135			50	60	75			29	293.1 — 316.4					
306	136	136			50	60	75			33	294.1 — 317.4					
307	137	137			50	60	75			37	295.1 — 318.4					
308	138	138			50	60	75	350	S	41	296.1 — 319.4					
309	139	139			50	60	75			45	297.1 — 320.4					

LAND SEISMIC RECORDING LOG

	CLIENT:	USGS	PROSPECT:	AREA:	LINE NO:	
	PARTY NO:	1186	INST. ENG:	HAMMOND	DATE:	
					MO:	3
					DAY:	13
					YR:	81

SHOTPOINT	TR. 16		TR. 17		SIZE	DEPTH	SHOT			DIR.	COP SWITCH	SPREAD	REMARKS	CORR. STACK					
	REEL NO.	REC.	REEL NO.	REC.			NO.	OFFSET	LINE GROUPS					TR 1-48	TR 48-96				
	HT.	REC.	HT.	REC.			HT.	REC.	HT.					REC.	HT.	REC.	HT.	REC.	
3119	8725	140			50	60	75				49	298.1 — 321.4	309						
3116		141			50	60	75				5	298.1 — 322.4	316						
3122		142			50	60	75				9	300.1 — 323.4		TUS & TX6 Read					
3123		143			50	60	75				13	301.1 — 324.4							
3114		144			50	60	75				17	302.1 — 325.4							
3115		145			50	60	75				21	303.1 — 326.4							
3116		146			50	60	75				25	304.1 — 327.4							
3117		147			50	60	75				29	305.1 — 328.4							
3118		148			50	60	75				33	306.1 — 329.4							
3119		149			50	60	75				37	307.1 — 330.4							
3219		150			50	60	75				41	308.1 — 331.4							
3211		151			50	60	75				45	309.1 — 332.4							
3224		152			50	60	75				49	30.1 — 333.4							

1150

LAND SEISMIC RECORDING LOG



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

PROSPECT: _____
 INST. ENG.: **Hammel**

AREA: **NPRA**

LINE NO.: **16/81**
 DATE: **MO 3 DAY 14 YEAR 81**



SHOTPOINT	TR 16		TR 16		SHOT					DIR	CDP SWITCH	SPREAD		REMARKS	CORR. STACK				
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET				LINE GROUPS			TR 1-48	TR 48-96			
1323	872458	1164			50	60	75	170		N	5	311.1	334.4	328	FN163 TEST FILE				
1324		1165			50	60	75				9	312.1	335.4						
1325		1166			50	60	75				13	313.1	336.4						
1326		1167			50	60	75				17	314.1	337.4						
1327	872458	1168			50	60	75				21	315.1	338.4						
1328	872458	1169			50	60	75				25	316.1	339.4		FN169 TEST FILE				
1329		1170			50	60	75				29	317.1	340.4						
1330		1171			50	60	75				33	318.1	341.4						
1331		1172			50	60	75				37	319.1	342.4						
1332		1173			50	60	75				41	320.1	343.4						
1333		1174			50	60	75				45	321.1	344.4						
1334		1175			50	60	75	160		E	49	322.1	345.4						
1335		1176			50	60	75	150		S	5	323.1	346.4	340					
1336		1177			50	60	75				9	324.1	347.4						
1337		1178			50	60	75				13	325.1	348.4						
1338		1179			50	60	75				17	326.1	349.4						
1339		1180			50	60	75				21	327.1	350.4						
1340		1181			50	60	75				25	328.1	351.4		TI DEAD				
1341		1182			50	60	75				29	329.1	352.4						
1342		1183			50	60	75				33	330.1	353.4						
1343		1184			50	60	75				37	331.1	354.4						
1344		1185			50	60	75				41	332.1	355.4						
1345		1186			50	60	75				45	333.1	356.4						
1346		1187			50	60	75				49	334.1	357.4						
1347		1188			50	60	75				5	335.1	358.4	352					
1348		1189			50	60	75				9	336.1	359.4						
1349		1190			50	60	75				13	337.1	360.4						
1350		1191			50	60	75				17	338.1	361.4						

1320

LAND SEISMIC RECORDING LOG



CLIENT: USGS
 PARTY NO.: 1186

PROSPECT: _____
 INST. ENG.: Hammond

AREA: NPRA

LINE NO.: L 16/81
 DATE: 3 DAY 14 YR 81



HOTPOINT NO.	TR. _____ to _____		TR. _____ to _____		SHOT					DIR.	CDP SWITCH	SPREAD		REMARKS:	CORR. STACK			
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	LINE GROUPS			SET	TR 1-20		TR 21-40			
													HT		REC	HT	REC	
351	1725	193			50	160	75			21	339.1	—	362.4	352				
352		194			50	160	75			25	340.1	—	363.4					
353		195			50	160	75			29	341.1	—	364.4					
354		196			50	160	75			33	342.1	—	365.4					
355		197			50	160	75			37	343.1	—	366.4					
356		198			50	160	75			41	344.1	—	367.4					
357		199			50	160	75			45	345.1	—	368.4					
358		200			50	160	75			49	346.1	—	369.4					
359		201			50	160	75			5	347.1	—	370.4	364				
360		202			50	160	75			9	348.1	—	371.4					
361		203			50	160	75			13	349.1	—	372.4					
362		204			50	160	75			17	350.1	—	373.4					
363		205			50	160	75			21	351.1	—	374.4					
364		206			50	160	75			25	352.1	—	375.4					
365		207			50	160	75			29	353.1	—	376.4					
366		208			50	160	75			33	354.1	—	377.4					
367		209			50	160	75			37	355.1	—	378.4					
368		210			50	160	75			41	356.1	—	379.4					
369		211			50	160	75			45	357.1	—	380.4					
370		212			50	160	75			49	358.1	—	381.4					
371		213			50	160	75			5	359.1	—	382.4	376				
372		214			50	160	75			9	360.1	—	383.4					
373		215			50	160	75			13	361.1	—	384.4					
374		216			50	160	75			17	362.1	—	385.4					
375		217			50	160	75			21	363.1	—	386.4					
376		218			50	160	75			25	364.1	—	387.4					
377		219			50	160	75			29	365.1	—	388.4					
378		220			50	160	75			33	366.1	—	389.4					T1-2-3 4 Dead

LA '77 SEISMIC RECORDING LOG





CLIENT: USGS	PROSPECT: _____	AREA: NPRA	LINE NO: 216/81
PARTY NO: 1186	INST. ENG: Hammond		DATE: 3 DAY 14 81

SHOTPOINT	TR _____ to _____		TR _____ to _____		SHOT				DIR	COP SWITCH	SPREAD		REMARKS	CORR STACK			
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET			LINE GROUPS	HT		TR 1-48	REC.	TR 49-96	REC.
379	872585	221			50	60	75			37	367.1	— 390.4	376				
380	872585	222	TRAPE		50	60	75			41	368.1	— 391.4					
381	872586	224	CHANGE		50	60	75			45	369.1	— 392.4		TEST FILE FN 223			
382		225			50	60	75			49	370.1	— 393.4					
383		226			50	60	75			5	371.1	— 394.4	388				
384		227			50	60	75			9	372.1	— 395.4					
385		228			50	60	75			13	373.1	— 396.4					
386		229			50	60	75			17	374.1	— 397.4					
387		230			50	60	75			21	375.1	— 398.4					
388		231			50	60	75			25	376.1	— 399.4					
389		232			50	60	75			29	377.1	— 400.4					
390		233			50	60	75			33	378.1	— 401.4					
391		234			50	60	75			37	379.1	— 402.4					
392		235			50	60	75			41	380.1	— 403.4					
393		236			50	60	75			45	381.1	— 404.4					
394		237			50	60	75			49	382.1	— 405.4					
395		238			50	60	75			5	383.1	— 406.4	400				
396		239			50	60	75	400	≠	9	384.1	— 407.4					
397		240			50	60	75			13	385.1	— 408.4					
398		241			50	60	75			17	386.1	— 409.4					
399		242			50	60	75			21	387.1	— 410.4					
400		243			50	60	75			25	388.1	— 411.4					
401		244			50	60	75			29	389.1	— 412.4					
402		245			50	60	75			33	390.1	— 413.4					
403		246			50	60	75			37	391.1	— 414.4					
404		247			50	60	75			41	392.1	— 415.4					
405		248			50	60	75			45	393.1	— 416.4					
406		249			50	60	75			49	394.1	— 417.4					

15

LAND SEISMIC RECORDING LOG

	CLIENT: <u>USGS</u>	PROSPECT: _____	AREA: <u>NPRA</u>	LINE NO: <u>16/81</u>	
	PARTY NO: <u>11810</u>	INST. ENG: <u>HAMMOND K SWALE DAILY TESTS FJ250-258</u>		DATE: <u>3</u> DAY <u>16</u> YEAR <u>81</u>	

1040
1185

SHOTPOINT	TR 1-28		TR 29-56		SHOT		SPREAD		REMARKS	CORR. STACK						
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET		DIR.	CDP SWITCH	LINE GROUPS	HT.	REC.	HT.	REC.
407	872586	260			50	160	75			5	395.1 — 418.4	412	FJ 259 TEST FILE			
408		261			50	160	75			9	396.1 — 419.4					
409		262			50	160	75			13	397.1 — 420.4					
410		263			50	160	75			17	398.1 — 421.4					
411		264			50	160	75			21	399.1 — 422.4					
414		265			50	160	75			25	400.1 — 423.4					
413		266			50	160	75			29	401.1 — 424.4					
418		267			50	160	75			33	402.1 — 425.4					
415		268			50	160	75			37	403.1 — 426.4					
416		269			50	160	75			41	404.1 — 427.4					
417		270			50	160	75			45	405.1 — 428.4					
418		271			50	160	75			49	406.1 — 429.4					
419		272			50	160	75			5	407.1 — 430.4	424				
420		273			50	160	75			9	408.1 — 431.4					
421		274			50	160	75			13	409.1 — 432.4					
422		275			50	160	75			17	410.1 — 433.4					
423		276			50	160	75			21	411.1 — 434.4					
424		277			50	160	75			25	412.1 — 435.4					
425		278			50	160	75			29	413.1 — 436.4					
426		279			50	160	75			33	414.1 — 437.4					
427		280			50	160	75			37	415.1 — 438.4					
428		281			50	160	75			41	416.1 — 439.4					
429		282			50	160	75			45	417.1 — 440.4					
430	872586	283			50	160	75			49	418.1 — 441.4					
431	872587	285			50	160	75			5	419.1 — 442.4	456	FJ 284 TEST FILE NEW TAPE			
432		286			50	160	75			9	420.1 — 443.4					
433		287			50	160	75			13	421.1 — 444.4					
434		288			50	160	75			17	422.1 — 445.4					

LAND SEISMIC RECORDING LOG



CLIENT: USGS
 PARTY NO: 1186
 INST. ENG: Hammond / Hull

PROSPECT: FY 81
 AREA: NPRA

LINE NO: 14/81
 DATE: NOV 3 DAY 16 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 1-28	TR 28-96	HT.	REC.
435	272587	289			50	60	75			21	423.1 — 446.4	456				
436		290			50	60	75			25	424.1 — 447.4					
437		291			50	60	75			29	425.1 — 448.4					
438		292			50	60	75			33	426.1 — 449.4					
439		293			50	60	75	110 E		37	427.1 — 450.4					
440		294			50	60	75			41	428.1 — 451.4					
441		295			50	60	75			45	429.1 — 452.4					
442		296			50	60	75			49	430.1 — 453.4					
443		297			50	60	75			5	431.1 — 454.4	448				
444		298			50	60	75			9	432.1 — 455.4					
445		299			50	60	75			13	433.1 — 456.4					
446		300			50	60	75			17	434.1 — 457.4					
447		301			50	60	75			21	435.1 — 458.4					
448		302			50	60	75			25	436.1 — 459.4					
449		303			50	60	75			29	437.1 — 460.4					
450		304			50	60	75			33	438.1 — 461.4					
451		305			50	60	75			37	439.1 — 462.4					
452		306			50	60	75			41	440.1 — 463.4					
453		307			50	60	75			45	441.1 — 464.4					
454		308			50	60	75			49	442.1 — 465.4					
455		309			50	60	75			5	443.1 — 466.4	460				
456		310			50	60	75			9	444.1 — 467.4					
457		311			50	60	75			13	445.1 — 468.4					
458		312			50	60	75			17	446.1 — 469.4					
459		313			50	60	75			21	447.1 — 470.4					
460		314			50	60	75			25	448.1 — 471.4					
461		315			50	60	75			29	449.1 — 472.4					
462		316			50	60	75			33	450.1 — 473.4					

HOLE WANTED # 49 DEAD

LA' D SEISMIC RECORDING 06



CLIENT: VSGS	PROSPECT: SWIBLE/HAMMOND	AREA: NPRA	LINE NO.: 16/81
PARTY NO.: 1186	INST. ENG.: SWIBLE/HAMMOND	DATE: MO 3 DAY 19 YR 81	
DAILY TESTS #1'S 321-329			



SHOTPOINT	TR. to		TR. to		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
467	872687	337			50	60	75		5	455.1	477.4	412	F/N 330 TEST FILE				
468		338			50	60	75		9	456.1	478.4						
469		339			50	60	75		13	457.1	480.4						
470		335			50	60	75		17	458.1	481.4		F/N 334 MISS FIRE				
471		336			50	60	75		21	459.1	482.4						
472		337			50	60	75		25	460.1	483.4						
473		338			50	60	75		29	461.1	484.4						
474		339			50	60	75		33	462.1	485.4						
475		340			50	60	75		37	463.1	486.4						
476		341			50	60	75		41	464.1	487.4						
477		342			50	60	75		45	465.1	488.4						
478		343			50	60	75		49	466.1	489.4						
479		344			50	60	75		5	467.1	490.4	484					
480	872587	345		TAPES	50	60	75		9	468.1	491.4						
481	872588	347		CHANGE	50	60	75		13	469.1	492.4		KJ346 TEST FILE				
482		348			50	60	75		17	470.1	493.4						
483		349			50	60	75		21	471.1	494.4						
484		350			50	60	75		25	472.1	495.4						
485		351			50	60	75		29	473.1	496.4						
486		352			50	60	75		33	474.1	497.4						
487		353			50	60	75		37	475.1	498.4						
488		354			50	60	75		41	476.1	499.4						
489		355			50	60	75		45	477.1	500.4						
490		356			50	60	75		49	478.1	501.4						
491		357			50	60	75		17	479.1	502.4	493					
492		358			50	60	75		21	480.1	503.4						
493		359			50	60	75		25	481.1	504.4						
494		360			50	60	75		29	482.1	505.4						

15.0 hrs.

LAND SEISMIC RECORDING LOG



CLIENT: **USGS** PROSPECT: _____ AREA: **NPRA** LINE NO: **16/81**

PARTY NO: **1186** INST. ENG: **SWIBLE / LUSTER** DATE: **2 DAY 18 YR 81**

INSTRUMENT (9-TRACK) SYSTEM 24 & 25-48 ODDS TYPE: DFS III DFS IV OTHER TRACK 1 TRACK 2 TRACK GAPPED UNGAPPED PACKING DENSITY: (LO) 356 BPI (HI) 712 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.: _____

PARAMETER RECORD LENGTH: **6** sec. SAMPLE RATE: 1 ms. 4 ms. 20 ms. 40 ms. GAIN MODE: INITIAL MANUAL OPERATE FILTERS: _____ LO CUT _____ HI CUT _____ NOTCH FILTER: IN OUT

DISPLAY MODE: MAGC FLOAT AMPLIFIER 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: _____

RECEIVER CONNECTION: _____ RESISTANCE: _____ ohms STAGGER: _____ INLINE SPACING: _____ LENGTH: _____ WIDTH: _____ LATERAL OFFSET: _____

SPREAD NO. OF GROUPS: _____ GROUP INTERVAL: _____ SHOTPOINT INTERVAL: _____ FOLD: _____ DIRECTION OF PROGRESSION: _____ OFFSET GROUP 1: _____ OFFSET GROUP _____ OFFSET GROUP 48/96: _____ LEADING GROUP: _____

DIAGRAMS/MISC. INFORMATION:

DAILY TESTS F/N'S 101 - 110

SHOTPOINT	TR 10		TR 10		SHOT			DIR.	CDP SWITCH	SPREAD		REMARKS:	CORR. STACK			
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.			OFFSET	LINE GROUPS		SPY	TR 1-48	TR 48-96	REC.
S00	872547	112			50	75/90			488.1	511.4	506	F/N 111 NOISE TEST TRY DEAD				
S01		113			50	75/90			489.1	512.4						
S02		114			50	75/90			490.1	513.4						
S03		115			50	75/90			491.1	514.4						
S04		116			50	75/90			492.1	515.4						
S05		117			50	75/90			493.1	516.4						
S06		118			50	75/90			494.1	517.4						
S07		119			50	75/90			495.1	518.4						
S08		120			50	75/90			496.1	519.4						
S09		121			50	75/90			497.1	520.4						
S10		123			50	75/90			498.1	521.4		F/N 122 TEST FILE				
S11		124			50	75/90			499.1	522.4						
S12		125			50	75/90			500.1	523.4						
S13		126			50	75/90			501.1	524.4	518					
S14		127			50	75/90			502.1	525.4						
S15		128			50	75/90			503.1	526.4						
S16		129			50	75/90			504.1	527.4						
S17		130			50	75/90			505.1	528.4						
S18		131			50	75/90			506.1	529.4						
S19		132			50	75/90			507.1	530.4						

LAND SEISMIC RECORDING LOG



CLIENT: USGS	PROSPECT: SWIBLE/LUSTER	AREA: NPRA	LINE NO: 16
PARTY NO: 1186	INST. ENG. SWIBLE/LUSTER		DATE: MO 2 DAY 18 TH 81

SHOTPOINT	TR. 1		TR. 2		SHOT			DIR.	COP SWITCH	SPREAD		REMARKS	CORR. STACK			
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.			OFFSET	LINE GROUPS		HT	REC.	HT	REC.
S20	872549	133			50	75	90		33	508.1	531.4	S18				
S21		134			50	75	90		37	509.1	532.4					
S22		135			50	75	90		41	510.1	533.4					
S23		134			50	75	90		45	511.1	534.4					
S24		137			50	75	90		49	512.1	535.4					
S25		139			50	75	90		5	513.1	536.4	S50				F/N 138 DUMMY SHOT
S26		140			50	75	90		9	514.1	537.4					
S27		141			50	75	90		13	515.1	538.4					
S28		142			50	75	90		17	516.1	539.4					
S29		143			50	75	90		21	517.1	540.4					
S30		144			50	75	90		25	518.1	541.4					T 96 REV
S31		145			50	75	90		29	519.1	542.4					T 92 REV
S32		146			50	75	90		33	520.1	543.4					T 88 REV
S33		148			50	75	90		37	521.1	544.4					F/N 147 MIS FIRE T 91-REV HOLE BLEW OUT
S34		149			50	75	90		41	522.1	545.4					T REV REV
S35		150			50	75	90	500 S	45	523.1	546.4					T 76 REV
S36		151			50	75	90	110 W	49	524.1	547.4					T 72 REV
S37		152			50	75	90		5	525.1	548.4	S42				T 68-REV
S38		153			50	75	90		9	526.1	549.4					+ 84 REV
S39		154			50	75	90		13	527.1	550.4					+ 60 REV
S40		155			50	75	90		17	528.1	551.4					+ 56 REV
S41		156			50	75	90		21	529.1	552.4					+ 60 REV
S42		157			50	75	90	220 W	25	530.1	553.4					+ 48 REV
S43		158			50	75	90		29	531.1	554.4					F/N 159 TEST FILE
S44		160			50	75	90		33	532.1	555.4					
S45		161			50	75	90		37	533.1	556.4					
S46		162			50	75	90		41	534.1	557.4					
S47		163			50	75	90		45	535.1	558.4					

LAND SEISMIC RECORDING LOG



CLIENT: **USGS**

PROSPECT:

AREA: **NPRA**

LINE NO: **16**

PARTY NO: **1186**

INST. ENG: **SWIBLE / LUSTER**

DAILY TESTS F/N'S 164-173

DATE: **NO 2 DAY 19 YR 81**

SHOTPOINT	TR 10		TR 10		SHOT			DIR.	CDP SWITCH	SPREAD		REMARKS	CORR. STACK			
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO. OFFSET			LINE GROUPS			TR 1-25	TR 26-50	TR 51-75	TR 76-96
													HT.	REC.	HT.	REC.
548	872	176			50	75	90		1	536.1	557.4	559	F/N 174 NOISE FILE			
549		176			50	75	90		5	537.1	560.4					
550		177			50	75	90		9	538.1	561.4					
551		177			50	75	90		13	539.1	562.4					
552		179			50	75	90		17	540.1	563.4					
553		180			50	75	90		21	541.1	564.4					
554		182			50	75	90		25	542.1	565.4		F/N 181 MISFIRE			
555		183			50	75	90		29	543.1	566.4					
556		184			50	75	90		33	544.1	567.4					
557		185			50	75	90		37	545.1	568.4					
558		186			50	75	90		41	546.1	569.4					
559		187			50	75	90		45	547.1	570.4					
560		188			50	75	90		49	548.1	571.4					
561		189			50	75	90		5	549.1	572.4	566	T 559 56 NOISY			
562		190			50	75	90		9	550.1	573.4		T 514 52 NOISY			
563		191			50	75	90		13	551.1	574.4					
564		192			50	75	90		17	552.1	575.4					
565		193			50	75	90		21	553.1	576.4					
566		194			50	75	90		25	554.1	577.4					
567		195			50	75	90		29	555.1	578.4					
568		196			50	75	90		33	556.1	579.4					
569		197			50	75	90		37	557.1	580.4					
570		198			50	75	90		41	558.1	581.4					
571		199			50	75	90		45	559.1	582.4					
572		200			50	75	90		49	560.1	583.4					
573		201			50	75	90		5	561.1	584.4	578				
574		202			50	75	90		9	562.1	585.4					
575		203			50	75	90		13	563.1	586.4					
576		204			50	75	90		17	564.1	587.4		HOLE BLOW OUT			
577		205			50	75	90		21	565.1	588.4					
578		206			50	75	90		25	566.1	589.4					
579		207			50	75	90		29	567.1	590.4					
580		208			50	75	90		33	568.1	591.4					
581		209			50	75	90		37	569.1	592.4					
582		210			50	75	90	110 E	41	570.1	593.4					
583		211			50	75	90		45	571.1	594.4					

LAND SEISMIC RECORDING LOG





CLIENT: USGS	PROSPECT: _____	AREA: NPRA	LINE NO.: 16
PARTY NO.: 1185	INST. ENG.: SWIBLE/LUSTER	DATE: 2 DAY 19 TR 81	
TAPE NOS. 872551 + 872552 TEST TAPES			

SHOTPOINT	TR. _____		TR. _____		SHOT				SPREAD			REMARKS:	CORR STACK				
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS		TR 1-28	TR 28-96	REC.	REC.	
														HT	HT	REC.	REC.
587	872550	212			50	75/90				49	572.1	595.4	578				
585		213			50	75/90				5	575.1	596.4					
586		214			50	75/90				9	576.1	597.4					
587		215			50	75/90				13	575.1	598.4					
588		216			50	75/90				17	576.1	599.4					
589		217			50	75/90	110 W			21	577.1	600.4					
590		218			50	75/90				25	578.1	601.4					
591		219			50	75/90				29	579.1	602.4					
592		220			50	75/90				33	580.1	603.4					
593		221			50	75/90				37	581.1	604.4					
594		222			50	75/90				41	582.1	605.4					
595	872550	223			50	75/90				45	583.1	606.4					
596	872553	228			50	75/90				1	584.1	607.4					NEW TAPE F/N 224 TEST FILE
597		226			50	75/90				5	585.1	608.4	602				
598		227			50	75/90				9	586.1	609.4					F/N 228 MISS FIRE
599		229			50	75/90				13	587.1	610.4					
600		230			50	75/90				17	588.1	611.4					
601		231			50	75/90				21	589.1	612.4					
602		232			50	75/90				25	590.1	613.4					
603		233			50	75/90				29	591.1	614.4					
604		234			50	75/90				33	592.1	615.4					
605		235			50	75/90				37	593.1	616.4					
606		236			50	75/90	10E 60N			41	594.1	617.4					
607		237			50	60/75	110E			45	595.1	618.4					HOLE BLEW OUT
608		238			50	75/90				49	596.1	619.4					
609		239			50	75/90				5	597.1	620.4	614				
610		240			50	75/90				9	598.1	621.4					
611		241			50	75/90				13	599.1	622.4					
612		242			50	75/90				17	600.1	623.4					
613		243			50	75/90				21	601.1	624.4					
614		244			50	75/90				25	602.1	625.4					
615		245			50	75/90				29	603.1	626.4					
616		246			50	75/90				33	604.1	627.4					
617		247			50	75/90				37	605.1	628.4					
618		248			50	75/90				41	606.1	629.4					
619		249			50	75/90				45	607.1	630.4					

T = 1.0

#ACS, 15.0

LAND SEISMIC RECORDING LOG

	CLIENT: USGS	PROSPECT:	AREA: NPRA	LINE NO: 16	
PARTY NO: 1186	INST. ENG: SAMPLE / LUSTER		DATE: 7 DAY 20 51		
DAILY TESTS F/NLS 250-258					

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		HT	REC.	HT	REC.
620	872553	260			SO	75/90				1	608.1 — 634.4	626				F/N 259 NOISE FILE
621		261			SO	75/90				5	609.1 — 632.4					
622		262			SO	75/90				9	610.1 — 633.4					
623		263			SO	75/90				13	611.1 — 634.4					
624		264			SO	75/90				17	612.1 — 635.4					
625		265			SO	75/90				21	613.1 — 636.4					
626		266			SO	75/90				25	614.1 — 637.4					
627		267			SO	75/90				29	615.1 — 638.4					
628		268			SO	75/90				33	616.1 — 639.4					TSS BAD
629		269			SO	75/90				37	617.1 — 640.4					
630		270			SO	75/90				41	618.1 — 641.4					
631		271			SO	75/90				45	619.1 — 642.4					
632		272			SO	75/90				49	620.1 — 643.4					
633		273			SO	75/90				5	621.1 — 644.4	638				
634		274			SO	75/90				9	622.1 — 645.4					
635		275			SO	75/90				13	623.1 — 646.4					
636		276			SO	75/90				17	624.1 — 647.4					
637		277			SO	75/90				21	625.1 — 648.4					
638		278			SO	75/90				25	626.1 — 649.4					F/N 278 MISSFIRE
639		280			SO	75/90				5	627.1 — 650.4	644				
640		281			SO	75/90				9	628.1 — 651.4					T 44 DEAD
641		282			SO	75/90				13	629.1 — 652.4					
642		284			SO	75/90				17	630.1 — 653.4					F/N 283 MISSFIRE
643	872553	285			SO	75/90				21	631.1 — 654.4					
644	872554	288			SO	75/90				25	632.1 — 655.4					F/N 286 TEST FILE
645		288			SO	75/90				29	633.1 — 656.4					
646		289			SO	75/90				33	634.1 — 657.4					
647		290			SO	75/90				37	635.1 — 658.4					
648		291			SO	75/90				41	636.1 — 659.4					
649		292			SO	75/90				45	637.1 — 660.4					T 55 NOISY
650		293			SO	75/90				49	638.1 — 661.4					
651		294			SO	75/90				5	639.1 — 662.4	656				
652		295			SO	75/90				9	640.1 — 663.4					
653		296			SO	75/90				13	641.1 — 664.4					
654		297			SO	75/90	500	5		17	642.1 — 665.4					
655		298			SO	75/90				21	643.1 — 666.4					

LAND SEISMIC RECORDING LOG



CLIENT: USGS	PROSPECT:	AREA: NPRA	LINE NO.: 16
PARTY NO.: 1186	INST. ENG.: SWIDLE / LUSTER		DATE: MO 2 DAY 20 TH 91

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	HT.		TR 1-48	REC.	HT.	TR 48-96
656	87255A	300			SD	75/90				25	644.1	667.4	656				
657		300			SD	75/90				29	645.1	668.4					
658		301			SD	75/90	110	E		33	646.1	669.4					
659		302			SD	75/90				37	647.1	670.4					
660		303			SD	75/90				41	648.1	671.4					
661		304			SD	75/90				45	649.1	672.4					
662		305			SD	75/90				49	650.1	673.4					
663		306			SD	75/90				5	651.1	674.4	568				
664		307			SD	75/90				9	652.1	675.4					
665		308			SD	75/90				13	653.1	676.4					
666		309			SD	75/90				17	654.1	677.4					
667		310			SD	75/90				21	655.1	678.4					
668		311			SD	75/90				25	656.1	679.4					
669		312			SD	75/90				29	657.1	680.4					
670		313			SD	75/90				33	658.1	681.4					
671		314			SD	75/90				37	659.1	682.4					
672		316			SD	75/90				41	660.1	683.4					
673		317			SD	75/90				45	661.1	684.4					
674		318			SD	75/90				49	662.1	685.4					
675		319			SD	75/90				5	663.1	686.4	580				
676		320			SD	75/90				9	664.1	687.4					
677		322			SD	75/90				13	665.1	688.4					
678		323			SD	75/90				17	666.1	689.4					
679		324			SD	75/90				21	667.1	690.4					
680		325			SD	75/90				25	668.1	691.4					
681		327			SD	75/90				29	669.1	692.4					
682		328			SD	75/90				33	670.1	693.4					
683		329			SD	75/90				37	671.1	694.4					

HOLE BLEW OUT

F/N 315 MISS FIRE

F/N 321 MISS FIRE

F/N 326 MISS FIRE

LAND SEISMIC RECORDING LOG



CLIENT: USGS	PROSPECT: _____	AREA: NFRA	LINE NO.: 16
PARTY NO.: 1186	INST. ENG.: SWIBLÉ	DATE: MO 2 DAY 21 YR 81	
DAILY TESTS F/N'S 330-339			

SHOTPOINT	TR. 1a		TR. 1b		SHOT				SPREAD			REMARKS	CORR. STACK			
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS		TR 1-28	REC.	TR 28-96	REC.
687	872554	340			50	75/90				5	672.1—695.4					F/N 339 NOISE TEST
685		342			50	75/90				9	673.1—696.4					F/N 341 MISS FIRE
686		348			50	75/90				13	674.1—697.4					
687		344			50	75/90				17	675.1—698.4					
688		345			50	75/90				21	676.1—699.4					
689		346			50	75/90				25	677.1—700.4					
690		347			50	75/90				29	678.1—701.4					
691	872554	348			50	75/90				33	679.1—702.4					
692	872556	350			50	75/90				37	680.1—703.4					F/N 349 TEST FILE
693		351			50	75/90				41	681.1—704.4					
694		352			50	75/90				45	682.1—705.4					
695		354			50	75/90				49	683.1—706.4					
696		355			50	75/90				5	684.1—707.4					F/N 353 MISS FIRE
697		356			50	75/90				9	685.1—708.4					
698		357			50	75/90				13	686.1—709.4					
699		358			50	75/90	330	E		17	687.1—710.4					
700		359			50	75/90				21	688.1—711.4					
701		360			50	75/90				25	689.1—712.4					
702		361			50	75/90				29	690.1—713.4					
703		362			50	75/90				33	691.1—714.4					
704		363			50	75/90				37	692.1—715.4					
705		364			50	75/90				41	693.1—716.4					
706		365			50	75/90				45	694.1—717.4					
707		366			50	75/90				49	695.1—718.4					
708		367			50	75/90				5	696.1—719.4					715
709		368			50	75/90				9	697.1—720.4					
710		369			50	75/90				13	698.1—721.4					
711		370			50	75/90				17	699.1—722.4					
712		371			50	75/90				21	700.1—723.4					
713		372			50	75/90				25	701.1—724.4					
714		373			50	75/90				29	702.1—725.4					
715		375			50	75/90				33	703.1—726.4					F/N 374 MISS FIRE
716		376			50	75/90				37	704.1—727.4					
717		377			50	75/90				41	705.1—728.4					
718		378			50	75/90				45	706.1—729.4					
719		379			50	75/90				49	707.1—730.4					

LAND SEISMIC RECORDING LOG



CLIENT: USGS	PROSPECT:	AREA: NPRA	LINE NO: 16
PARTY NO: 1186	INST. ENG: SWIRLE	DATE: MO 2 DAY 21 YR 81	

SHOTPOINT	TR. TO		TR. TO		SHOT				SPREAD			REMARKS	CORR. STACK				
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIB.	COP SWITCH	LINE GROUPS		TR 1-20	TR 20-40	TR 40-60	TR 60-80	
	HT.	REC.	HT.	REC.							HT.		REC.	HT.	REC.	HT.	REC.
720	872555	380			50	75/90				5	708.1	731.4	725				
721		381			50	75/90				9	709.1	732.4					
722		382			50	75/90				13	710.1	733.4					
723		383			50	75/90				17	711.1	734.4					
724		384			50	75/90				21	712.1	735.4					
725		385			50	75/90				25	713.1	736.4					
726		386			50	75/90				29	714.1	737.4					
727		387			50	75/90				33	715.1	738.4					
728		388			50	75/90				37	716.1	739.4					
729		390			50	75/90				41	717.1	740.4					
730		391			50	75/90				45	718.1	741.4					
731		392			50	75/90				49	719.1	742.4					
732		393			50	75/90				5	720.1	743.4	737				T-1 DEAD
733		394			50	75/90				9	721.1	744.4					
734		395			50	75/90				13	722.1	745.4					T-22 DEAD
735		396			50	75/90				17	723.1	746.4					
736		397			50	75/90				21	724.1	747.4					T-45 DEAD
737		398			50	75/90				25	725.1	748.4					
738		399			50	75/90				29	726.1	749.4					
739		400			50	75/90				33	727.1	750.4					
740		401			50	75/90				37	728.1	751.4					
741		402			50	75/90				41	729.1	752.4					
742		403			50	75/90				45	730.1	753.4					
743		404			50	75/90				49	731.1	754.4					

LAND SEISMIC RECORDING LOG



CLIENT: USGS	PROSPECT:	AREA: NRRP	LINE NO.: 16
PARTY NO.: 1186	INST. ENG.: SWIBLE		DATE: 2 DAY 22 YR 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			TR 1-48			TR 49-96			
												HT.	REC.		HT.	REC.		
780	872556	454			50	75/90				5	768.1	791.4	785					
781		455			50	75/90				9	769.1	792.4						
782		456			50	75/90				15	770.1	793.4						
783		457			50	75/90				17	771.1	794.4						
784		458			50	75/90				21	772.1	795.4						
785		459			50	75/90				25	773.1	796.4						
786		460			50	75/90				29	774.1	797.4						
787		461			50	75/90				33	775.1	798.4						
788		462			50	75/90				37	776.1	799.4						
789		463			50	75/90				41	779.1	800.4						
790		464			50	75/90				45	778.1	801.4						
791	872556	465			50	75/90				49	779.1	802.4						
792	872557	467			50	75/90				5	780.1	803.4	797	F/N 466 TEST FILE				
793		468			50	75/90				9	781.1	804.4						
794		469			50	75/90				13	782.1	805.4						
795		470			50	75/90				17	783.1	806.4						
796		471			50	75/90				21	784.1	807.4						
797		472			50	75/90				25	785.1	808.4						
798		473			50	75/90	500	5		29	786.1	809.4						
799		474			50	75/90				33	787.1	810.4						
800		475			50	75/90				37	788.1	811.4						
801		476			50	75/90				41	789.1	812.4						
802		477			50	75/90				45	790.1	813.4						
803		478			50	75/90				49	791.1	814.4						

LAND SEISMIC RECORDING LOG



CLIENT: USGS	PROSPECT: NPRA	AREA: NPRA	LINE NO: 16
PARTY NO: 1186	INST. ENG. SWIBLE	DATE: 2 DAY 75 81	
DAILY TESTS F/N'S 479-487			

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	TR 1-48	TR 48-96	TR 96-144	TR 144-192
804	872557	489			SP	75	90			5	792.1 — 815.4	809				TBS DEAD F/N 488 NOISE TEST
805		490			SP	75	90			9	793.1 — 816.4					
806		491			SP	75	90			13	794.1 — 817.4					
807		492			SP	75	90			17	795.1 — 818.4					
808		493			SP	75	90			21	796.1 — 819.4					
809		494			SP	75	90			25	797.1 — 820.4					TLS DEAD
810		495			SP	75	90			29	798.1 — 821.4					
811		496			SP	75	90			33	799.1 — 822.4					
812		497			SP	75	90			37	800.1 — 823.4					
813		498			SP	75	90			41	801.1 — 824.4					
814		499			SP	75	90			45	802.1 — 825.4					
815		500			SP	75	90			49	803.1 — 826.4					
816		501			SP	75	90			5	804.1 — 827.4	821				
817		502			SP	75	90			9	805.1 — 828.4					
818		503			SP	75	90			13	806.1 — 829.4					
819		504			SP	75	90			17	807.1 — 830.4					
820		505			SP	75	90			21	808.1 — 831.4					
821		506			SP	75	90			25	809.1 — 832.4					
822		507			SP	75	90			29	810.1 — 833.4					
823		508			SP	75	90			33	811.1 — 834.4					
824		510			SP	75	90			37	812.1 — 835.4					F/N 509 MISS FIRE
825		511			SP	75	90			41	813.1 — 836.4					
826		512			SP	75	90			45	814.1 — 837.4					
827		513			SP	75	90			49	815.1 — 838.4					
828		514			SP	75	90			5	816.1 — 839.4	835				
829		515			SP	75	90			9	817.1 — 840.4					
830		516			SP	75	90			13	818.1 — 841.4					
831		517			SP	75	90			17	819.1 — 842.4					
832		518			SP	75	90			21	820.1 — 843.4					
833		519			SP	75	90			25	821.1 — 844.4					
834		520			SP	75	90			29	822.1 — 845.4					
835		521			SP	75	90			33	823.1 — 846.4					
836		522			SP	75	90			37	824.1 — 847.4					
837		523			SP	75	90			41	825.1 — 848.4					
838		524			SP	75	90			45	826.1 — 849.4					
839		525			SP	75	90			49	827.1 — 850.4					F/N 526 TEST FILE

LAND SEISMIC RECORDING LOG



CLIENT: VSGS	PROSPECT:	AREA: NARRA	LINE NO. 16
PARTY NO. 1186	INST. ENG. SWIBLE	DATE: 2 DAY 23 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		IR 1-48	IR 48-96	
												HT	REC.	HT	REC.	
840	872	S28			150	175	90			5	828.1	851.4				
841		S29			150	175	90			9	829.1	852.4				
842		S30			150	175	90			13	830.1	853.4				
843		S31			150	175	90			17	831.1	854.4				
844		S32			150	175	90			21	832.1	855.4				
845		S33			150	175	90			25	833.1	856.4				
846		S34			150	175	90			29	834.1	857.4				
847		S35			150	175	90			33	835.1	858.4				
848		S36			150	175	90			37	836.1	859.4				
849		S37			150	175	90			41	837.1	860.4				
850		S39			150	175	90			45	838.1	861.4				
851		S40			150	175	90			49	839.1	862.4				
852		S41			150	175	90			5	840.1	863.4				
853		S42			150	175	90			9	841.1	864.4				
854		S43			150	175	90			13	842.1	865.4				
855		S44			150	175	90			17	843.1	866.4				
856		S45			150	175	90			21	844.1	867.4				
857		S46			150	175	90			25	845.1	868.4				
858		S47			150	175	90			29	846.1	869.4				
859		S48			150	175	90			33	847.1	870.4				
860		S49			150	175	90			37	848.1	871.4				
861		S50			150	175	90			41	849.1	872.4				
862		S51			150	175	90			45	850.1	873.4				
863		S52			150	175	90			49	851.1	874.4				
864		S53			150	175	90	300	S	5	852.1	875.4				
865		S54			150	175	90			9	853.1	876.4				
866		S55			150	175	90			13	854.1	877.4				
867		S56			150	175	90			17	855.1	878.4				
868		S57			150	175	90			21	856.1	879.4				
869		S58			150	175	90			25	857.1	880.4				
870		S59			150	175	90			29	858.1	881.4				
871		S60			150	175	90			33	859.1	882.4				
872		S61			150	175	90			37	860.1	883.4				
873		S62			150	175	90			41	861.1	884.4				
874		S63			150	175	90			45	862.1	885.4				
875		S64			150	175	90			49	863.1	886.4				

LAND SEISMIC RECORDING LOG



CLIENT: USGS	PROSPECT: SWIBLE	AREA: NPRA	LINE NO.: 16
PARTY NO.: 1186	INST. ENG.: SWIBLE	DATE: MO 2 DAY 24 YR 81	
DAILY TESTS F/N'S 565-573			

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		HT.	REC.	HT.	REC.
876	872568	573			50	75	90		5	864.1	887.4	F/N 574 NOISE TEST				
877		576			50	75	90		9	865.1	888.4					
878		577			50	75	90		13	866.1	889.4					
879		578			50	75	90		17	867.1	890.4					
880		579			50	75	90		21	868.1	891.4					
881		580			50	75	90		25	869.1	892.4					
882		581			50	75	90		29	870.1	893.4					
883		582			50	75	90		33	871.1	894.4					
884		583			50	75	90		37	872.1	895.4					
885		584			50	75	90		41	873.1	896.4					
886		585			50	75	90		45	874.1	897.4					
887		586			50	75	90		49	875.1	898.4					
888	872558	587			50	75	90		5	876.1	899.4	893				
889	872569	588			50	75	90		9	877.1	900.4	NEW TAPE F/N 588 TEST FILE				
890		590			50	75	90		13	878.1	901.4					
891		591			50	75	90		17	879.1	902.4					
892		592			50	75	90		21	880.1	903.4					
893		593			50	75	90		25	881.1	904.4					
894		594			50	75	90		29	882.1	905.4					
895		595			50	75	90		33	883.1	906.4					
896		596			50	75	90		37	884.1	907.4					
897		597			50	75	90		41	885.1	908.4					
898		598			50	75	90		45	886.1	909.4					
899		599			50	75	90		49	887.1	910.4					
900		600			50	75	90		5	888.1	911.4	905				
901		601			50	75	90		9	889.1	912.4					
902		602			50	75	90		13	890.1	913.4					
903		604			50	75	90		17	891.1	914.4	F/N 603 MISS FIRE				
904		605			50	75	90		21	892.1	915.4					
905		606			50	75	90		25	893.1	916.4					
906		607			50	75	90		29	894.1	917.4					
907		608			50	75	90		33	895.1	918.4					
908		609			50	75	90		37	896.1	919.4					
909		610			50	75	90	100 S	41	897.1	920.4					
910		611			50	75	90		45	898.1	921.4					
911		612			50	75	90		49	899.1	922.4					



LAND SEISMIC RECORDING LOG



CLIENT: USGS	PROSPECT:	AREA: NPRA	LINE NO: 16
PARTY NO: 1186	INST. ENG: SWIBLE	DATE: MO 2 DAY 24 YR 81	

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		HT	REC.	HT	REC.	
912	872559	613			50	75	90			5	900.1	923.4	917				
913		614			50	75	90			9	901.1	924.4					
914		615			50	75	90			13	902.1	925.4					
915		616			50	75	90			17	903.1	926.4					
916		617			50	75	90			21	904.1	927.4					
917		618			50	75	90			25	905.1	928.4					
918		619			50	75	90			29	906.1	929.4					
919		620			50	75	90			33	907.1	930.4					
920		621			50	75	90			37	908.1	931.4					
921		622			50	75	90			41	909.1	932.4					
922		623			50	75	90			45	910.1	933.4					
923		624			50	75	90			49	911.1	934.4					
924		625			50	75	90			5	912.1	935.4	929				
925		626			50	75	90			9	913.1	936.4					
926		627			50	75	90			13	914.1	937.4					
927		628			50	75	90			17	915.1	938.4					
928		629			50	75	90			21	916.1	939.4					T13 DEAD
929		630			50	75	90			25	917.1	940.4					T9 DEAD
930		631			50	75	90			29	918.1	941.4					
931		632			50	75	90			33	919.1	942.4					
932		633			50	75	90			37	920.1	943.4					
933		634			50	75	90			41	921.1	944.4					
934		635			50	75	90			45	922.1	945.4					
935		636			50	75	90			49	923.1	946.4					
936		637			50	75	90			5	924.1	947.4	541				
937		638			50	75	90			9	925.1	948.4					
938		639			50	75	90			13	926.1	949.4					
939		640			50	75	90			17	927.1	950.4					
940		641			50	75	90			21	928.1	951.4					
941	872559	642			50	75	90			25	929.1	952.4					
942	872560	644			50	75	90			29	930.1	953.4					NEW TAPE F/N 142 TEST FILE
943		645			50	75	90			33	931.1	954.4					
944		646			50	75	90			37	932.1	955.4					
945		647			50	75	90			41	933.1	956.4					
946		648			50	75	90			45	934.1	957.4					
947		649			50	75	90			49	935.1	958.4					

LAND SEISMIC RECORDING LOG

	CLIENT: USGS	PROSPECT: _____	AREA: NPRA	LINE NO.: 15	
	PARTY NO.: 1186	INST. ENG.: SWIBLE/LUSTER	DATE: _____		
		DAILY TESTS F/N 660-660 F/N 657 + 658 N/G		MO: 2 DAY: 29 YE: 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	TR 1-48	TR 48-96	TR 96-144
948	872560	663			50	75	90			5	936.1 — 958.4				
949		664			50	75	90			9	937.1 — 960.4				
950		665			50	75	90			13	938.1 — 961.4				
951		666			50	75	90			17	939.1 — 962.4				
952		667			50	75	90			21	940.1 — 963.4				
953		668			50	75	90			25	941.1 — 964.4				
954		669			50	75	90			29	942.1 — 965.4				
955		670			50	75	90			33	943.1 — 966.4				
956		671			50	75	90			37	944.1 — 967.4				
957		672			50	75	90			41	945.1 — 968.4				
958		673			50	75	90			45	946.1 — 969.4				
959		674			50	75	90			49	947.1 — 970.4				
960		675			50	75	90			5	948.1 — 971.4				
961		676			50	75	90			9	949.1 — 972.4				
962		677			50	75	90			13	950.1 — 973.4				
963		678			50	75	90			17	951.1 — 974.4				
964		679			50	75	90			21	952.1 — 975.4				
965		680			50	75	90			25	953.1 — 976.4				
966		681			50	75	90			29	954.1 — 977.4				
967		682			50	75	90			33	955.1 — 978.4				
968		683			50	75	90			37	956.1 — 979.4				
969		684			50	75	90			41	957.1 — 980.4				
970		685			50	75	90			45	958.1 — 981.4				
971		686			50	75	90			49	959.1 — 982.4				
972		687			50	75	90			5	960.1 — 983.4				
973		688			50	75	90			9	961.1 — 984.4				
974		689			50	75	90			13	962.1 — 985.4				
975		690			50	75	90			17	963.1 — 986.4				
976		692			50	75	90			21	964.1 — 987.4				
977		693			50	75	90			25	965.1 — 988.4				
978		694			50	75	90			29	966.1 — 989.4				
979		695			50	75	90			33	967.1 — 990.4				
980		696			50	75	90			37	968.1 — 991.4				
981		697			50	75	90			41	969.1 — 992.4				
982		698			50	75	90			45	970.1 — 993.4				
983		699			50	75	90			49	971.1 — 994.4				

F/N 661 N/G F/N 662 NOISE TEST

HOLE BLOW OUT

F/N 686 MISS FIRE

T48 DEAD

CHANGED PAPER MONITOR RECORD FILTERS TO 8 TO 90 Hz.

NO FPS

