

LAND SEISMIC RECORDING LOG

Page 5

CLIENT: Husky		PROSPECT: NPR-A		AREA: Barrow Area		LINE NO: B-6	
PARTY NO: 1182		INST. ENG:				DATE: MO. 5 DAY 11 YR 78	
INSTRUMENT (9-TRACK)		NO. BYTES IN HEADER REC:		NO. BYTES IN RECORD ID:		NO. BYTES PER SCAN:	
CONFIGURATION (MAG TAPE)		FIELD TRACE NOS: 1-48		DATA CHANNEL NOS: 1-48		(ON MAG TAPE)	
PARAMETER		RECORD LENGTH: 3		SAMPLE RATE: 1 ms		GAIN MODE: INITIAL	
DISPLAY		MODE: FLOAT		INITIAL GAIN: 36		TRIP SENS: 0	
CFS I		TYPE: STACK		GATE LENGTH:		RECORD REJECTION:	
SOURCE		TYPE: DYNAMITE		PATTERN: Inline		NO. OF POSITIONS:	
RECEIVER		TYPE: GSC-700		PATTERN: Inline		NO. OF ELEMENTS: 18	
SPREAD		NO. OF GROUPS: 44		GROUP INTERVAL: 270'		SHOTPOINT INTERVAL: 270'	
DIAGRAMS/MISC. INFORMATION:		OFFSET GROUP 1: 8610'		OFFSET GROUP 24: 550'		OFFSET GROUP 25: 550'	

SHOTPOINT	TR 1 to 48				TR 49 to 96				SHOT				SPREAD				REMARKS	CORR. STACK			
	REEL NO.	REC.	TR 1	TR 2	REEL NO.	REC.	TR 49	TR 50	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS	48		TR 1-48	TR 49-96	TR 1-48	TR 49-96
1005	7315426	67137			2223	2027	2930	32	39	35	37			48	T21 → 61030	2	Time break Not switched to external				
1006		67138				67132			40					49	T20 → 61031		File # 6743 → 6749 NG				
1007		67139				67137			41					50	T19 → 1032						
1008		67138				67137			42					51	T18 → 1033						
1009		67162				67165			43					52	T17 → 1034						
1010		67166				67169			44					53	T16 → 1035						
1011		67170				67173			45					54	T15 → 1036						
1012		67174				67177			46					55	T14 → 1037						
1013		67178				67181			47					56	T13 → 1038						
1014		67182				67185			48					57	T12 → 1039						
1015		67186				67189			49					58	T11 → 1040						
1016		67190	67192			67194			50					59	T10 → 1041						
1017		67195				67198			51					60	T9 → 1042		Spaps				
1018		67200				67203			52					61	T8 → 1043						
1019		67204				67207			53					62	T7 → 1044						
1020		67208				67211			54					63	T6 → 1045						
1021		67212				67215			55					64	T5 → 1046						
1022		67216				67219			56					65	T4 → 1047						
1023		67220				67223			57					66	T3 → 1048						
1024		67224				67227			58					67	T2 → 1049						

LAND SEISMIC RECORDING LOG

Page 6

		CLIENT: Husky PARTY NO: 1182 INST. ENG:	PROSPECT: NPR-A	AREA: Burrow Area	LINE NO: B-6 DATE: MO 8 DAY 11 YR 78 			
INSTRUMENT [9-TRACK]	☐ 1 SYSTEM ☐ 2 SYSTEMS	☐ 1-24 & 25-48 ☐ 1-48 & 49-96	☐ ODDS ☐ EVENS	TYPE: ☐ DFS ☒ DFC ☐ DFC ☐ OTHER	☐ 9 TRACK ☐ 21 TRACK	FOPMAT: ☐ SEG	☐ GAPPED ☐ UNGAPPED	PACKING DENSITY: (LO) ☐ 356 BPI (HI) ☐ 712 BPI ☐ 800 BPI ☐ 1600 BPI
NO. BYTES IN HEADER REC:	NO. BYTES IN RECORD ID:	NO. BYTES PER SCAN:	RECORD NUMBERS:	☐ DEF. ☐ OCT	GAIN CONSTANT:	INPUT IMPEDANCE:	(1) (2) (3) (4) (5) (6) (7)	
CONFIGURATION (MAG TAPE)	FIELD TRACE NOS.:	DATA CHANNEL NOS.:	(ON MAG TAPE)	AUXILIARY DATA:	AUXILIARY CHANNEL NOS.:			
PARAMETER	RECORD LENGTH: 3 sec.	SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms.	GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ IFP ☐ OPERATE	FILTERS:	LO CUT HZ SLOPE	HI CUT HZ SLOPE	NOTCH FILTER: ☐ IN ☐ OUT	
DISPLAY	MODE: ☐ AGC ☐ FLOAT ☐ AMPLIFIER ☐ DEFLOAT ☐ DIRECT	INITIAL GAIN:	JIP SENS:	POLARITY CONVENTION:	PRESSURE INCREASE ON GEOPHONE:	☐ NEGATIVE ☐ POSITIVE	NUMBERS ON MAG. TAPE	
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 mod GUN	PATTERN:	NO. OF POSITIONS:	INLINE SPACING:	LATERAL SPACING:	STAGGER:	LENGTH:	
RECEIVER	CONNECTION:	RESISTANCE:	STAGGER:	INLINE SPACING:	LENGTH:	LATERAL SPACING:	LATERAL OFFSET:	
SPREAD	NO. OF GROUPS:	GROUP INTERVAL: 270'	SHOTPOINT INTERVAL: 270'	FOLD: 24	DIRECTION OF PROGRESSION: SW to NE	LEADING GROUP: 48		

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR 1 to 452		TR 1 to 452		SHOT		SPREAD		REMARKS	CORR. STACK			
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET		TR 1-452	TR 1-452	TR 453-904	TR 453-904
1025	751824	6831	751824	6831	59		68	71 → 1050	2				
1026		6832		6835	60		69	601000 → 1051					
1027		6836		6839	61		70	1001 → 1052					
1028		6840		6843	62		71	1002 → 1053					
1029		6844		6847	63		72	1003 → 1054					
1030		6848		6851	64		73	1004 → 1055					
1031		6852		6855	65		74	1005 → 1056					
1032		6856		6857	66		3	1006 → 1057	3	move Up			
1033		6860		6863	67		4	1007 → 1058					
1034		6864		6867	68		5	1008 → 1059					
1035		6868		6871	69		6	1009 → 1060					
1036		6872		6875	70		7	1010 → 1061					
1037		6876		6879	71		8	1011 → 1062					
1038		6880		6883	72		9	1012 → 1063					
1039		6884		6887	73		10	1013 → 1064					
1040		6888		6891	74		11	1014 → 1065					
1041		6892		6895	75		12	1015 → 1066					
1042		6896		6899	76		13	1016 → 1067					
1043		6900		6904	77		14	1017 → 1068					
1044		6905		6908	78		15	1018 → 1069					

LAND SEISMIC RECORDING LOG

Page 7

		CLIENT: Husky	PROSPECT: NPR-A	AREA: Barrow Area	LINE NO: B-6		
PARTY NO: 1182		INST. ENG:		DATE: MO 5 DAY 11 YR 78			
INSTRUMENT		☒ 1 SYSTEM ☐ 2 SYSTEMS		☐ 1-24 & 25-48 ☐ 1-48 & 49-96		☐ ODDS ☐ EVENS	
(9-TRACK)		NO. BYTES IN HEADER REC:		NO. BYTES IN RECORD ID:		NO. BYTES PER SCAN:	
CONFIGURATION (MAG TAPE)		FIELD TRACE NOS.: 1-48		DATA CHANNEL NOS.: 1-48		[ON MAG TAPE]	
PARAMETER		RECORD LENGTH: 3 sec.		SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms.		GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ FINAL ☐ OPERATE	
DISPLAY		MODE: ☐ AGC ☐ FLOAT ☐ AMPLIFIER ☐ DEFOAT ☐ DIRECT		INITIAL GAIN: db		TRIP SENS: db	
CFS I		TYPE STACK:		GATE LENGTH:		RECORD REJECTION:	
SOURCE		TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER: Mud Gun		PATTERN:		NO. OF POSITIONS:	
		CHG/ HOLE:		HOLE DEPTH:		SWEEP POSITION:	
		NO. OF ELEMENTS:		INLINE SPACING:		LATERAL SPACING:	
RECEIVER		CONNECTION:		RESISTANCE: ohms		STAGGER:	
		NO. OF GROUPS:		GROUP INTERVAL:		SHOTPOINT INTERVAL:	
SPREAD		OFFSET GROUP 1:		OFFSET GROUP:		SHOTPOINT GROUP:	
		NO. OF GROUPS:		GROUP INTERVAL:		SHOTPOINT INTERVAL:	
		OFFSET GROUP 1:		OFFSET GROUP:		SHOTPOINT GROUP:	
DIAGRAMS/MISC. INFORMATION:							

SHOTPOINT	TR. 1 to 48		TR. 49 to 96		SHOT		SPREAD		REMARKS:	CORR. STACK			
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET		TR 1-48	TR 49-96	HT.	REC.
1045	7518	2680	7518	2680	7.9	7.9	16	1019	→ 1070	3			
1046		6913		6913	8.0	8.0	17	1020	→ 1071				
1047		6918		6921	8.1	8.1	18	1021	→ 1072				
1048		6922	6923	6925	8.2	8.2	19	1022	→ 1073				
1049	7518	2769		6931	8.3	8.3	20	1023	→ 1074				
1050		6932		6935	8.4	8.4	21	1024	→ 1075				
1051		6936		6939	8.5	8.5	22	1025	→ 1076				
1052		6940		6943	8.6	8.6	23	1026	→ 1077				
1053		6944		6947	8.7	8.7	24	1027	→ 1078				
1054		6948		6951	8.8	8.8	25	1028	→ 1079				
1055		6952		6955	8.9	8.9	26	1029	→ 1080				
1056		6956		6959	9.0	9.0	27	1030	→ 1081				
1057		6960		6963	9.1	9.1	28	1031	→ 1082				
1058		6964		6967	9.2	9.2	29	1032	→ 1083				
1059		6968		6971	9.3	9.3	30	1033	→ 1084				
1060		6972		6975	9.4	9.4	31	1034	→ 1085				
1061		6976		6979	9.5	9.5	32	1035	→ 1086				
1062		6980		6983	9.6	9.6	33	1036	→ 1087				
1063		6984		6987	9.7	9.7	34	1037	→ 1088				
1064		6990		6993	9.8	9.8	35	1038	→ 1089				

LAND SEISMIC RECORDING LOG

Page 8

		CLIENT: Husky PARTY NO: 1182 INST. ENG:	PROSPECT: NPR-A	AREA: Barrow Area	LINE NO: B-6 DATE: 5 DAY 11 YR 78 MO DAY YR						
INSTRUMENT (9-TRACK)		☐ 1 SYSTEM ☐ 2 SYSTEMS		☐ 1-24 & 25-48 ☐ 1-48 & 49-96		ODDS & EVENS ☐	TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER	☐ 9 TRACK ☐ 21 TRACK	FORMAT: SEG	☐ GAPPED ☐ UNGAPPED	PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 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: 3 sec.		SAMPLE RATE: 52 ms.		GAIN MODE: ☐ INITIAL ☐ FINAL		☐ MANUAL ☐ OPERATE		FILTERS:	
DISPLAY		MODE: ☐ AGC ☐ FLOAT ☐ DEFOAT ☐ DIRECT		INITIAL GAIN: 30 db		TRIP SENS: 0 db		POLARITY CONVENTION:		PRESSURE INCREASE ON GEOPHONE:	
CFS I		TYPE STACK:		GATE LENGTH:		RECORD REJECTION:		NOISE REDUCTION:		NOISE THRESHOLD:	
SOURCE		TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mod Gun		PATTERN:		NO. OF POSITIONS:		INLINE SPACING:		LATERAL SPACING:	
RECEIVER		CONNECTION:		RESISTANCE: ohms		STAGGER:		INLINE SPACING:		LATERAL SPACING:	
SPREAD		NO. OF GROUPS:		GROUP INTERVAL: 220'		SHOTPOINT INTERVAL: 220'		FOLD: 24		DIRECTION OF PROGRESSION: SW to NE	
OFFSET GROUP 1:		OFFSET GROUP:		OFFSET GROUP:		OFFSET GROUP 48/96:		LEADING GROUP: 48		CORR. STACK	

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR 1 to 45C		TR 1 to 45C		SHOT		SPREAD		REMARKS	CORR. STACK	
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET		TR 1-45	TR 46-96
1065	751827	69946	7001	7001	100	100	36	1039 → 1090	3		
1066		6995	7001	7001	100	100	37	1040 → 1091			
1067		7002	7002	7002	100	100	38	1041 → 1092			
1068		7006	7003	7003	100	100	39	1042 → 1093			
1069		7010	7013	7013	100	100	40	1043 → 1094			
1070		7014	7017	7017	100	100	41	1044 → 1095			
1071		7018	7021	7021	100	100	42	1045 → 1096			
1072		7022	7025	7025	100	100	43	1046 → 1097			
1073		7026	7029	7029	100	100	44	1047 → 1098			
1074		7030	7033	7033	100	100	45	1048 → 1099			
1075		7034	7037	7037	100	100	46	1049 → 1100			
1076		7038	7041	7041	110	110	47	1050 → 1101			
1077		7042	7045	7045	111	111	48	1051 → 1102			
1078		7046	7049	7049	112	112	49	1052 → 1103			
1079		7050	7053	7053	113	113	50	1053 → 1104			
1080		7054	7057	7057	114	114	51	1054 → 1105			
1081		7058	7061	7061	115	115	52	1055 → 1106			
1082		7062	7065	7065	116	116	53	1056 → 1107			
1083		7066	7069	7069	117	117	54	1057 → 1108			
1084		7070	7073	7073	118	118	55	1058 → 1109			

LAND SEISMIC RECORDING LOG

Page 9

CLIENT: Husky		PROSPECT: NPR-A		AREA: Barrow Area		LINE NO: B-6	
PARTY NO: 1182		INST. ENG:		DATE: MO 5 DAY 11 YR 78			
INSTRUMENT		☐ 1 SYSTEM ☐ 2 SYSTEMS ☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS		TYPE: ☐ DFS III ☐ DFS X ☐ DFS ☐ 9 TRACK ☐ 21 TRACK FORMAT: ☐ SEG ☐ GAPPED ☐ UNGAPPED		PACKING DENSITY: (10) ☐ 356 BPI (11) ☐ 712 BPI ☐ 800 BPI ☐ 1600 BPI	
NO. BYTES IN HEADER REC:		NO. BYTES IN RECORD ID:		NO. BYTES PER SCAN:		RECORD NUMBERS:	
CONFIGURATION (MAG TAPE)		FIELD TRACE NOS:		DATA CHANNEL NOS:		AUXILIARY DATA:	
PARAMETER		RECORD LENGTH: 3 sec.		SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ 4 ms.		GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ FINAL ☐ OPERATE	
DISPLAY		MODE: ☐ AGC ☐ DEFLOAT ☐ DIRECT		INITIAL GAIN: db		TRIP SENS: db	
CFS I		TYPE STACK:		GATE LENGTH:		RECORD REJECTION:	
SOURCE		TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mod Gun		PATTERN:		NO. OF POSITIONS:	
RECEIVER		TYPE:		PATTERN:		NO. OF ELEMENTS:	
SPREAD		NO. OF GROUPS:		GROUP INTERVAL:		SHOTPOINT INTERVAL:	
		OFFSET GROUP 1:		OFFSET GROUP:		OFFSET GROUP 48/96:	

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR 1 to 48		TR 49 to 96		SHOT		SPREAD		REMARKS	CORR. STACK			
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET		TR 1-48	TR 49-96	TR 1-48	TR 49-96
1085	75182	7074	7077	7077	119	119	56	1059 → 1110	3				
1086		7078	7081	7081	120	120	57	1060 → 1111					
1087		7082	7085	7085	121	121	58	1061 → 1112					
1088		7086	7088	7088	122	122	59	1062 → 1113					
1089		7090	7093	7093	123	123	60	1063 → 1114					
1090		7094	7097	7097	124	124	61	1064 → 1115					
1091		7098	7101	7101	125	125	62	1065 → 1116					
1092		7102	7105	7105	126	126	63	1066 → 1117					
1093		7106	7109	7109	127	127	40	1067 → 1118	4	Move Up			
1094		7110	7113	7113	128	128	41	1068 → 1119					
1095		7114	7117	7117	129	129	42	1069 → 1120					
1096		7118	7121	7121	130	130	43	1070 → 1121					
1097		7122	7125	7125	131	131	44	1071 → 1122					
1098	75182	7127	7130	7130	132	132	45	1072 → 1123		R. 1-# 7126 Downy Kuc			
1099		7131	7134	7134	133	133	46	1073 → T1					
1100		7135	7138	7138	134	134	47	1074 → T2					
1101		7139	7142	7142	135	135	48	1075 → T3					
1102		7143	7146	7146	136	136	49	1076 → T4					
1103		7147	7150	7150	137	137	50	1077 → T5					
1104		7151	7154	7154	138	138	51	1078 → T6					

LAND SEISMIC RECORDING LOG

Page 10

CLIENT: Husky		PROSPECT: NPR-A		AREA: Barrow Area		LINE NO: B-6	
PARTY NO: 1182		INST. ENG:		DATE: MO 5 DAY 11 YR 78			
INSTRUMENT (9-TRACK) ☐ 1 SYSTEM ☐ 2 SYSTEMS NO. BYTES IN HEADER REC: _____		☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ODDS & EVENS TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER _____		☐ 9 TRACK ☐ 21 TRACK FORMAT: _____ SEG: _____ ☐ GAPPED ☐ UNGAPPED PACKING DENSITY: _____		☐ 356 BPI ☐ 800 BPI ☐ 712 BPI ☐ 1600 BPI	
CONFIGURATION (MAG TAPE) FIELD TRACE NOS.: _____ DATA CHANNEL NOS.: _____		NO. BYTES IN RECORD ID: _____ NO. BYTES PER SCAN: _____		RECORD NUMBERS: _____ ☐ DEC. ☐ OCT. GAIN CONSTANT: _____ db		INPUT IMPEDANCE: _____ ohms	
PARAMETER RECORD LENGTH: 3 sec.		SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ _____ ms.		GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ IFP ☐ FINAL ☐ OPERATE		FILTERS: _____ LO CUT HZ SLOPE _____ HI CUT HZ SLOPE _____	
DISPLAY MODE: ☐ AGC ☐ FLOAT ☐ AMPLIFIER ☐ DEFOAT ☐ DIRECT		INITIAL GAIN: _____ db		TRIP SENS: _____ db		POLARITY CONVENTION: _____ PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE	
CFS I TYPE: _____ STACK: _____		GATE LENGTH: _____		RECORD REJECTION: _____		NOISE REDUCTION: _____ NOISE THRESHOLD: _____	
SOURCE TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☒ OTHER Mud Gun		PATTERN: _____ CHG/ HOLE: _____ HOLE DEPTH: _____		NO. OF POSITIONS: _____ SWEEP POSITION: _____		INLINE SPACING: _____ SWEEP START: _____ SWEEP END: _____	
RECEIVER TYPE: _____ CONNECTION: _____		PATTERN: _____ RESISTANCE: _____ ohms		NO. OF ELEMENTS: _____ STAGGER: _____		INLINE SPACING: _____ LENGTH: _____	
SPREAD NO. OF GROUPS: _____ OFFSET GROUP 1: _____		GROUP INTERVAL: _____ OFFSET GROUP: _____		SHOTPOINT INTERVAL: _____ OFFSET GROUP: _____		FOLD: 24 DIRECTION OF PROGRESSION: SW to NE LEADING GROUP: 44	

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR 1 to 48		TR 49 to 96		SHOT		SPREAD		REMARKS	CORR. STACK	
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO. OFFSET	DIR.		TR 1-48	TR 49-96
11105	751	828	7165	7158	2223	2637	2930	3239	52	1079 → T7	
11106		7159		7162			140		53	1080 → T8	
11107		7164		7167			141		54	1081 → T9	
11108		7168		7171			142		55	1082 → T10	
11109		7172		7175			143		56	1083 → T11	
11110		7176		7179			144		57	1084 → T12	
11111		7180		7183			145		58	1085 → T13	
11112		7184		7187			146		59	1086 → T14	
11113		7188		7191			147		60	1087 → T15	
11114		7192		7195			148		61	1088 → T16	
11115		7196		7199			149		62	1089 → T17	
11116		7200		7203			150		63	1090 → T18	
11117		7204		7207			151		64	1091 → T19	
11118		7208		7211			152		65	1092 → T20	
11119		7212		7215			153		66	1093 → T21	
11120		7216		7219			154		67	1094 → T22	
11121		7220		7223			155		68	1095 → T23	
11122		7224		7227			156		69	1096 → T24	
11123		7228		7231			157		70	1097 → T25	
11124		7232		7235			158		71	1098 → T26	

E.O.L.