

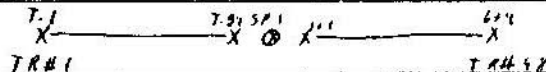
Original Copy

Recording Hrs 19.0

LAND SEISMIC RECORDING LOG

CLIENT: <i>Husky</i>		PROSPECT: <i>NPR-A</i>		AREA: <i>Burrow</i>		LINE NO: <i>671</i>	
PARTY NO: <i>1182</i>		INST. ENG: <i>Steffen Wadhwa</i>		DATE: <i>4 DAY 12 YE 79</i>		MO: <i>4 DAY 12 YE 79</i>	
INSTRUMENT <input type="checkbox"/> 1 SYSTEM <input type="checkbox"/> 2 SYSTEMS		TYPE: <input type="checkbox"/> DFS III <input type="checkbox"/> DFS II <input type="checkbox"/> OTHER		TRACK: <input type="checkbox"/> TRACK <input type="checkbox"/> 21 TRACK		PACKING DENSITY: (1) <input type="checkbox"/> 336 BPI (1H) <input type="checkbox"/> 712 BPI (2) <input type="checkbox"/> 480 BPI (2H) <input type="checkbox"/> 1000 BPI	
NO BYTES IN HEADER REC:		NO BYTES IN RECORD ID:		NO BYTES PER SCAN: <i>134</i>		RECORD NUMBERS: <input type="checkbox"/> DEC <input type="checkbox"/> OCT	
CONFIGURATION (MAG TAPE) FIELD TRACE NOS: <i>1-48</i> DATA CHANNEL NOS: <i>1-48</i>		[ON MAG TAPE]		AUXILIARY DATA: AUXILIARY CHANNEL NOS:			
PARAMETER RECORD LENGTH: <i>6</i> sec		SAMPLE RATE: <input type="checkbox"/> 1 ms <input type="checkbox"/> 4 ms		GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> OPERATE		FILTERS: FREQ <i>Y</i> LO CUT HZ SLOPE <i>18</i> HI CUT HZ SLOPE <i>70</i> NOTCH FILTER: <input type="checkbox"/> IN <input type="checkbox"/> OUT	
DISPLAY MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> DIRECT		INITIAL GAIN: <i>0</i> db		TRIP SENS: <i>0</i> db		POLARITY CONVENTION: PRESSURE INCREASE ON GEOPHONE <input type="checkbox"/> NEGATIVE <input type="checkbox"/> POSITIVE	
CF5 I TYPE STACK:		GATE LENGTH:		RECORD REJECTION:		NOISE REDUCTION: NOISE THRESHOLD: CORN. SCALING: R.C.U. NORM. ALT SW	
SOURCE TYPE: <input type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER		PATTERN: <i>Inline-Strike</i>		NO. OF POSITIONS: NO. OF ELEMENTS: <i>18</i>		INLINE SPACING: <i>10</i>	
RECEIVER TYPE: <i>20-0</i>		PATTERN: <i>inline</i>		RESISTANCE: <i>560</i> ohms		STAGGER: LENGTH: WIDTH: LATERAL OFFSET:	
SPREAD NO. OF GROUPS: <i>48</i>		GROUP INTERVAL: <i>220</i>		SHOTPOINT INTERVAL: <i>Y80</i>		FOLD: <i>6</i> DIRECTION OF PROGRESSION: <i>SE</i>	
OFFSET GROUP 1: <i>5170</i>		OFFSET GROUP 24: <i>110</i>		OFFSET GROUP 25: <i>110</i>		OFFSET GROUP 48/96: <i>5170</i> LEADING GROUP: <i>48</i>	

DIAGRAMS/MISC. INFORMATION:



#217-227 - tests
#228 - test time break

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	TR 2	TR 3
1	25119018	2019			20	167	11			25	7.1 - 64				
2		2020			20	167	12			29	7.5 - 74				
3		2021			20	167	13			33	7.9 - 84				
4		2022			20	167	14			37	7.13 - 94				
5		2023			20	167	15			41	7.17 - 104				
6		2024			20	167	16			45	7.21 - 114				
7		2025			20	167	17			49	7.25 - 124				
8		2026			20	167	18			53	7.29 - 134				
9		2027			20	167	19			57	7.33 - 144				
10		2028			20	167	20			61	7.37 - 154				
11		2029			20	167	21			65	7.41 - 164				
12		2030			20	167	22			69	7.45 - 174				
13		2031			20	167	23			73	7.49 - 184				
14		2032			20	167	24			77	7.53 - 194				
15		2033			20	167	25			81	7.57 - 204				
16		2034			20	167	26			85	7.61 - 214				
17		2035			20	167	27			89	7.65 - 224				
18		2036			20	167	28			93	7.69 - 234				
19		2037			20	167	29			97	7.73 - 244				
20		2038			20	167	30			101	7.77 - 254				

GROUP 17+4 15 stacked on GROUP 17+3
660' from SP 17 to SP 18 - Flag # 174 was stripped

Recorder @ SP-2012-2023

671

LAND SEISMIC RECORDING LOG

CLIENT: Husky		PROSPECT: NPR-A		AREA: Darlow		LINE NO: 671	
PARTY NO: 1182		INST ENG: Steff Windham		DATE: MO 4 DAY 12, YR 72			
INSTRUMENT (9-TRACK) NO BYTES IN HEADER REC: _____		NO BYTES IN RECORD ID: _____		NO BYTES PER SCAN: 134		RECORD NUMBERS: 13 DEC <input type="checkbox"/> OCT	
CONFIGURATION (MAG TAPE) FIELD TRACE NOS: 1-48		DATA CHANNEL NOS: 1-48		AUXILIARY DATA: AUXILIARY CHANNEL NOS: _____			
PARAMETER RECORD LENGTH: 6 sec		SAMPLE RATE: <input type="checkbox"/> 1 sec <input type="checkbox"/> 4 sec		GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> FINAL <input type="checkbox"/> OPERATE		FILTERS: _____	
DISPLAY MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> DEFOAT <input type="checkbox"/> DIRECT		INITIAL GAIN: 0 db		TRIP SENS: 0 db		POLARITY CONVENTION: _____	
CFS I TYPE: _____		GATE LENGTH: _____		RECORD REJECTION: _____		NOISE REDUCTION: _____	
SOURCE TYPE: <input checked="" type="checkbox"/> DYNAMIC <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER		PATTERN: Inline-16/8		NO. OF POSITIONS: _____		INLINE SPACING: _____	
RECEIVER TYPE: 30-1		PATTERN: 1/16 line		NO. OF ELEMENTS: 18		INLINE SPACING: 12	
SPREAD NO. OF GROUPS: 48		GROUP INTERVAL: 200		SHOTPOINT INTERVAL: 880		FOLD: 6	
DIAGRAMS/MISC. INFORMATION:		CHG/HOLE: 30		HOLE DEPTH: 75		SWEEP START: _____	
		RESISTANCE: 560 ohms		SWEEP END: _____		SWEEP LENGTH: _____	
		OFFSET GROUP 1: 5170		OFFSET GROUP 2: 110		OFFSET GROUP 48/96: 5170	
						DIRECTION OF PROGRESSION: SE	
						LEADING GROUP: 48	

SHOTPOINT	TR 10		TR 20		SHOT		SPREAD		REMARKS	CORR STACK					
	TR NO	REC	TR NO	REC	SIZE	DEPTH	NO	OFFSET		DIR	CDP SWITCH	LINE GROUPS	TR 10	TR 20	TR 30
21	2511920	2407			20	167	31		51	15+1	-26+4				
22		2450			20	167	22		55	16+1	-27+4				
23		2451			20	167	23		57	17+1	-28+4				
24		2452			20	167	24		63	18+1	-29+4				
25		2453			20	167	25		67	19+1	-30+4				
26		2454			20	167	26		29	20+1	-31+4				
27		2455			20	167	27		33	21+1	-32+4				
28		2456			20	167	28		37	22+1	-33+4				
29		2457			20	167	29		41	23+1	-34+4				
30		2458			20	167	30		45	24+1	-35+4				
31		2459			20	167	31		37	25+1	-36+4				
32		2460			20	167	32		41	26+1	-37+4				
33		2461			20	167	33	100' NE	45	27+1	-38+4				
34		2462			20	167	34	600' NE	49	28+1	-39+4				
35		2463			20	167	35	600' NE	53	29+1	-40+4				
36		2464			20	167	36		57	30+1	-41+4				
37		2465			20	167	37		61	31+1	-42+4				
38		2466			20	167	38		29	32+1	-43+4				
39		2467			20	167	39	440' SE	33	33+1	-44+4				
40		2468			20	167	40		37	34+1	-45+4				

LAND SEISMIC RECORDING LOG

	CLIENT: Husky	PROSPECT: NPR-A	AREA: Bairon	LINE NO.: 671				
	PARTY NO.: 1192	INST. ENG.: Street - Windham		DATE: 4 DAY 12 79				
INSTRUMENT (9-TRACK)	<input type="checkbox"/> 1 SYSTEM <input type="checkbox"/> 2 SYSTEMS	<input type="checkbox"/> T-24 & 25-48 <input type="checkbox"/> 1-48 & 49-96	ODDS <input type="checkbox"/> EVENS	TYPE: <input type="checkbox"/> DFS III <input type="checkbox"/> DFS II <input type="checkbox"/> OTHER	<input type="checkbox"/> 9 TRACK <input type="checkbox"/> 21 TRACK	FORMAT: B	<input type="checkbox"/> GAPPED <input type="checkbox"/> UNGAPPED	PACKING DENSITY: (L) <input type="checkbox"/> 356 BPI (M) <input type="checkbox"/> 712 BPI
	NO BYTES IN HEADER REC:	NO BYTES IN RECORD ID:	NO BYTES PER SCAN: 134	RECORD NUMBERS: <input type="checkbox"/> DEC <input type="checkbox"/> OCT	GAIN CONSTANT: 36	db	INPUT IMPEDANCE: 20K	ohms
CONFIGURATION (MAG TAPE)	FIELD TRACK NOS.: 1-4X	DATA CHANNEL NOS.: 1-4X	(ON MAG TAPE)	AUXILIARY DATA:	AUXILIARY CHANNEL NOS.:			
PARAMETER	RECORD LENGTH: 6 sec.	SAMPLE RATE: <input type="checkbox"/> 1 sec. <input type="checkbox"/> 4 sec. <input type="checkbox"/> 2 sec. <input type="checkbox"/> 8 sec.	GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> FINAL <input type="checkbox"/> MANUAL <input type="checkbox"/> OPERATE	FILTERS: FREQ. X	ED CUT: 1.1	HZ SLOPE: 1.1	HZ SLOPE: 7.0	HIGH CUT: <input type="checkbox"/> IN <input type="checkbox"/> OUT
DISPLAY	MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> TAGC <input type="checkbox"/> DEFOAT <input type="checkbox"/> DIRECT	INITIAL GAIN: 0 db	TRIP SENS: 0 db	POLARITY CONVENTION: <input type="checkbox"/> NEGATIVE <input type="checkbox"/> POSITIVE	PRESSURE INCREASE ON GEOPHONE: <input type="checkbox"/> NEGATIVE <input type="checkbox"/> POSITIVE	NUMBERS ON MAG TAPE: <input type="checkbox"/> DOWNBREAK <input type="checkbox"/> UPBREAK	ON DISPLAY: <input type="checkbox"/> DOWNBREAK <input type="checkbox"/> UPBREAK	
CFS 1	TYPE STACK:	GATE LENGTH:	RECORD REJECTION:	NOISE REDUCTION:	NOISE THRESHOLD:	COBB SCALING:	R.C.U. NORMAL SW:	
SOURCE	TYPE: <input type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER	PATTERN: inline-hole	NO. OF POSITIONS:	INLINE SPACING:	LATERAL SPACING:	STAGGER:	LENGTH:	WIDTH:
RECEIVER	TYPE: 20-0	PATTERN: inline	NO. OF ELEMENTS: 18	INLINE SPACING: 13	LATERAL SPACING:	STAGGER:	LENGTH:	WIDTH:
SPREAD	CONNECTION: Series-Parallel	RESISTANCE: 510 ohms	STAGGER:	LENGTH:	WIDTH:	LATERAL OFFSET:		
	NO. OF GROUPS: 48	GROUP INTERVAL: 230	SHOTPOINT INTERVAL: 840	FOLD: 6	DIRECTION OF PROGRESSION: SE	LEADING GROUP: 48		
	OFFSET GROUP 1: 5170	OFFSET GROUP 24: 110	OFFSET GROUP 25: 110	OFFSET GROUP 48/96: 5170				

DIAGRAMS/MISC. INFORMATION:

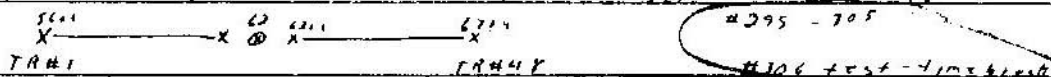
SHOTPOINT	TR 10		TR 10		SHOT				SPREAD		REMARKS	CORR STACK			
	REEL NO	REC.	REEL NO	REC.	SIZE	DEPTH	NO.	OFFSET	DIR	CDP SWITCH		LINE GROUPS	TR 10	TR 10	TR 10
141	15119217	2710			20	167	40			45	36+1 - 47+4				
142		2711			20	167	42			41	35+1 - 46+4				
143		2712			20	167	43	300 SE		49	37+1 - 48+4				
144		2713			20	167	44			53	38+1 - 49+4				
145		2714			20	167	45			57	39+1 - 50+4				
146		2715			20	167	46			61	40+1 - 51+4				
147		2717			20	167	47			65	41+1 - 52+4				
148		2718			20	167	48			69	42+1 - 53+4				
149		2719			20	167	49			73	43+1 - 54+4				
150		2720			20	167	50			77	44+1 - 55+4				
151		2721			20	167	51			33	45+1 - 56+4				
152		2722			20	167	52			37	46+1 - 57+4				
153		2723			20	167	53			41	47+1 - 58+4				
154		2724			20	167	54			45	48+1 - 59+4				
155		2725			20	167	55			49	49+1 - 60+4				
156		2726			20	167	56			53	50+1 - 61+4				
157		2727			20	167	57			57	51+1 - 62+4				
158		2728			20	167	58			61	52+1 - 63+4				
159		2729			20	167	59			65	53+1 - 64+4				
160		2730			20	167	60			69	54+1 - 65+4				
161		2731			20	167	61			73	55+1 - 66+4				

Recording His 19.0

LAND SEISMIC RECORDING LOG

CLIENT: Husky		PROSPECT: NCH-A		AREA: Barrow		LINE NO: 671	
PARTY NO: 1182		INST. ENG: Steeff, William		DATE: 4 DAY 13 77			
INSTRUMENT (9-TRACK)		NO. BYTES IN HEADER REC:		NO. BYTES IN RECORD ID:		NO. BYTES PER SCAN: 134	
CONFIGURATION (MAG TAPE)		FIELD TRACE NOS: L-48		DATA CHANNEL NOS: L-48		(ON MAG TAPE)	
PARAMETER		RECORD LENGTH: 6 sec		SAMPLE RATE: <input type="checkbox"/> 1 sec <input type="checkbox"/> 4 sec		GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> OPERATE	
DISPLAY		MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> DIRECT		INITIAL GAIN: 0 db		TRIP SENS: 0 db	
CFS I		TYPE STACK:		GATE LENGTH:		RECORD REJECTION:	
SOURCE		TYPE: <input checked="" type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER		PATTERN: inline-1 shot		NO. OF POSITIONS:	
RECEIVER		TYPE: 20-D		PATTERN: inline		NO. OF ELEMENTS: 12	
SPREAD		CONNECTION: Series-Parallel		RESISTANCE: 540 ohms		STAGGER:	
		NO. OF GROUPS: 48		GROUP INTERVAL: 220		SHOTPOINT INTERVAL: 480	
		OFFSET GROUP 1: 5170		OFFSET GROUP 2: 110		OFFSET GROUP 48/96: 5170	

DIAGRAMS/MISC. INFORMATION:



SHOTPOINT	TR #1		TR #48		SHOT				SPREAD		REMARKS	
	REEL NO	REC.	REEL NO	REC.	SIZE	DEPTH	NO.	OFFSET	DIR	COP SWITCH		LINE GROUPS
162	3117	17	3117	17	120	167	11	55		29	56+1 - 67+4	1 Recorder @ SP-67
163	3118	18	3118	18	120	167	12	55		33	57+1 - 68+4	
164	3119	19	3119	19	120	167	13	220 NW		37	58+1 - 69+4	
165	3120	20	3120	20	120	167	14	SE		41	59+1 - 70+4	
166	3121	21	3121	21	120	167	15	SE		45	60+1 - 71+4	
167	3122	22	3122	22	120	167	16			49	61+1 - 72+4	
168	3123	23	3123	23	120	167	17			53	62+1 - 73+4	
169	3124	24	3124	24	120	167	18			57	63+1 - 74+4	
170	3125	25	3125	25	120	167	19			61	64+1 - 75+4	
171	3126	26	3126	26	120	167	20			65	65+1 - 76+4	
172	3127	27	3127	27	120	167	21	450 NW		69	66+1 - 77+4	
173	3128	28	3128	28	120	167	22			71	67+1 - 78+4	2 Recorder @ SP-79 (Started on SP-74)
174	3129	29	3129	29	120	167	23			75	68+1 - 79+4	
175	3130	30	3130	30	120	167	24			79	69+1 - 80+4	
176	3131	31	3131	31	120	167	25			83	70+1 - 81+4	
177	3132	32	3132	32	120	167	26			87	71+1 - 82+4	
178	3133	33	3133	33	120	167	27			91	72+1 - 83+4	
179	3134	34	3134	34	120	167	28			95	73+1 - 84+4	
180	3135	35	3135	35	120	167	29			99	74+1 - 85+4	
181	3136	36	3136	36	120	167	30			103	75+1 - 86+4	

LAND SEISMIC RECORDING LOG

CLIENT: Husky		PROSPECT: NPR-A		AREA: Barrow		LINE NO: 671	
PARTY NO: 1182		INST. ENG: Steff Windham		DATE: 4 Oct 79			
INSTRUMENT (V-TRACK) <input type="checkbox"/> 1 SYSTEM <input checked="" type="checkbox"/> 2 SYSTEMS		NO. BYTES IN HEADER REC: _____		NO. BYTES IN RECORD ID: _____		NO. BYTES PER SCAN: 134	
CONFIGURATION (MAG TAPE) FIELD TRACE NOS: 1-48 DATA CHANNEL NOS: 1-48		AUXILIARY DATA AUXILIARY CHANNEL NOS: _____		GAIN CONSTANT: 36 db		INPUT IMPEDANCE: 20K ohms	
PARAMETER RECORD LENGTH: 6 sec		SAMPLE RATE: <input type="checkbox"/> 1 ms <input type="checkbox"/> 4 ms		GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> OPERATE		FILTERS: <input checked="" type="checkbox"/> 1 K <input type="checkbox"/> 2 K	
DISPLAY MODE: <input type="checkbox"/> XGC <input type="checkbox"/> FLOAT <input type="checkbox"/> DEFOCAL <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> DIRECT		INITIAL GAIN: 0 db		TRIP SENS: 0 db		POLARITY CONVENTION: <input type="checkbox"/> NEGATIVE <input checked="" type="checkbox"/> POSITIVE	
SOURCE TYPE: <input checked="" type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER		PATTERN: inline 16ft		NO. OF POSITIONS: _____		LATERAL SPACING: _____	
RECEIVER TYPE: 20.0		PATTERN: inline		NO. OF ELEMENTS: 11		LATERAL SPACING: _____	
SPREAD NO. OF GROUPS: 48		GROUP INTERVAL: 330		SHOTPOINT INTERVAL: 480		FIELD: 6	

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR				TP				SHOT				SPREAD				REMARKS	CORR STACK			
	TR NO	REC	TR NO	REC	TR NO	REC	TR NO	REC	SIZE	DEPTH	NO.	OFFSET	DIR	COP SWITCH	LINE GROUPS	SEC		TR 1	TR 2	TR 3	TR 4
802	7511928	329						20	167	21				61	76+1 - 87+4	2					
803		330						20	167	22				65	77+1 - 88+4						
804		331						20	167	23				69	78+1 - 89+4						
805		332						20	167	24				73	79+1 - 90+4						
806		333						20	167	25				79	80+1 - 91+4	3				Recorder @ SP-91	
807		334						20	167	26				33	81+1 - 92+4						
808		335						20	167	27	480	NW	37	82+1 - 93+4							
809		336						20	167	28				33	83+1 - 94+4					Staggered on SP-91	
810		337						20	167	29				41	84+1 - 95+4					Staggered on SP-91	
811	7511928	338						20	167	30	100	SE	49	85+1 - 96+4						(TAPE CHANGE)	
812		339						20	167	31				47	86+1 - 97+4	4				92+1/92+3	
813		340						20	167	32				51	87+1 - 98+4						
814		341						20	167	33				55	88+1 - 99+4						
815		342						20	167	34	580	SW	59	89+1 - 100+4							
816		343						20	167	35				63	90+1 - 101+4						
817		344						20	167	36				67	91+1 - 102+4						
818		345						20	167	37				71	92+1 - 103+4						
819		346						20	167	38				75	93+1 - 104+4						
820		347						20	167	39				79	94+1 - 105+4						
821		348						20	167	40				83	95+1 - 106+4						

LAND SEISMIC RECORDING LOG

CLIENT: Hosky		PROSPECT: NPR-A		AREA: Borrow		LINE NO.: 171					
PARTY NO.: 1183		INST. ENG.: Stieff-Windhem		DATE: NO 4 DAY 7 YR 78							
INSTRUMENT (9-TRACK) <input type="checkbox"/> 1 SYSTEM <input type="checkbox"/> 2 SYSTEMS NO. BYTES IN HEADER REC.:		<input type="checkbox"/> 1-24 & 25-48 <input type="checkbox"/> 1-48 & 49-96 NO. BYTES IN RECORD ID.:		TYPE <input type="checkbox"/> DFS III <input type="checkbox"/> DFS IV <input type="checkbox"/> OTHER		<input type="checkbox"/> 0 TRACK <input type="checkbox"/> 2 TRACK RECORD NUMBERS:		FORMAT: B SEG.:		<input type="checkbox"/> GAPPED <input type="checkbox"/> UNGAPPED PACKING DENSITY: (1) <input type="checkbox"/> 350 BPI (11) <input type="checkbox"/> 712 BPI (2) <input type="checkbox"/> 500 BPI (12) <input type="checkbox"/> 800 BPI (13) <input type="checkbox"/> 1000 BPI	
CONFIGURATION (MAG TAPE) FIELD TRACE NOS.:		DATA CHANNEL NOS.:		(ON MAG TAPE)		AUXILIARY DATA:		AUXILIARY CHANNEL NOS.:			
PARAMETER RECORD LENGTH: _____ SEC.		SAMPLE RATE: <input type="checkbox"/> 1 sec. <input type="checkbox"/> 4 sec. <input type="checkbox"/> 2 sec. <input type="checkbox"/>		GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> FINAL <input type="checkbox"/> OPERATE		FILTERS: _____		LO CUT _____ HZ		HI CUT _____ HZ	
DISPLAY MODE: <input type="checkbox"/> AGC <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> DIRECT		INITIAL GAIN: _____		TRIP SENS.: _____		POLARITY CONVENTION: _____		PRESSURE INCREASE ON GEOPHONE: _____		<input type="checkbox"/> NEGATIVE } NUMBERS ON MAG TAPE <input type="checkbox"/> POSITIVE } <input type="checkbox"/> DOWNBREAK } ON DISPLAY <input type="checkbox"/> UPBREAK } R.C.U. NORM/ALT SW	
CFS I TYPE STACK:		PATTERN: _____		NO. OF POSITIONS: _____		INLINE SPACING: _____		LATERAL SPACING: _____		STAGGER: _____	
SOURCE TYPE: <input type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER		CHG/ HOLE: _____		HOLE DEPTH: _____		SWEEP POSITION: _____		SWEEP START: _____		SWEEP END: _____	
RECEIVER CONNECTION: _____		RESISTANCE: _____		STAGGER: _____		INLINE SPACING: _____		LATERAL SPACING: _____		LENGTH: _____	
SPREAD NO. OF GROUPS: 48		GROUP INTERVAL: 220		SHOTPOINT INTERVAL: 180		FOLD: 6		DIRECTION OF PROGRESSION: SE		LEADING GROUP: 48	
OFFSET GROUP 1: 5170		OFFSET GROUP 2: 110		OFFSET GROUP 25: 110		OFFSET GROUP 48/96: 5170					

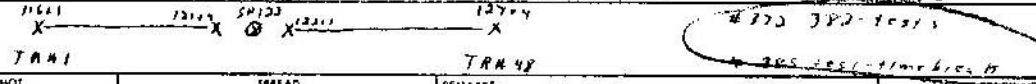
DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR 1-10		TR 11-20		SHOT		SPREAD		REMARKS	CORP STACK			
	TR	REC.	TR	REC.	SIZE	DEPTH	NO.	OFFSET		DIR.	COP SWITCH	LINE GROUPS	TR 1-10
1102	751	278	357		20	167	41	11	87	96+1 - 107+4	4		
1103		350			20	167	42	150	91	97+1 - 108+4	8		
1104		351			20	167	43	11	95	98+1 - 109+4			
1105		352			20	167	44	11	21	99+1 - 110+4	5		
1106		353			20	167	45	11	25	100+1 - 111+4			
1107		354			20	167	46	11	29	101+1 - 112+4			
1108		355			20	167	47	11	33	102+1 - 113+4			
1109		356			20	167	48	11	37	103+1 - 114+4			
1110		357			20	167	49	11	41	104+1 - 115+4			
1111		358			20	167	50	11	45	105+1 - 116+4			
1112		359			20	167	51	11	49	106+1 - 117+4			
1113		360			20	167	52	11	53	107+1 - 118+4			
1114		361			20	167	53	11	57	108+1 - 119+4			
1115		362			20	167	54	200	61	109+1 - 120+4	SW		
1116		363			20	167	55	200	65	110+1 - 121+4	NW		
1117		364			20	167	56	11	69	111+1 - 122+4			
1118		365			20	167	57	11	73	112+1 - 123+4			
1119		366			20	167	58	11	77	113+1 - 124+4			
1120		367			20	167	59	11	81	114+1 - 125+4			
1121		368			20	167	60	11	85	115+1 - 126+4			

Recording Hrs 14.0

LAND SEISMIC RECORDING LOG

CLIENT: Hasar		PROSPECT: NCA-A		AREA: Barrow		LINE NO: 171	
PARTY NO: 1182		INST. ENG: Steele-Walsham		DATE: MO 4 DAY 14 TR 79			
INSTRUMENT (9-TRACK)		NO. BYTES IN HEADER REC:		NO. BYTES IN RECORD ID:		NO. BYTES PER SCAN: 124	
CONFIGURATION (MAG TAPE)		FIELD TRACE NOS.: 1-48		DATA CHANNEL NOS.: 1-48		AUXILIARY DATA:	
PARAMETER		RECORD LENGTH: 6 sec.		SAMPLE RATE: <input type="checkbox"/> 1 sec. <input type="checkbox"/> 4 sec.		GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> FINAL <input type="checkbox"/> OPERATE	
DISPLAY		MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> DIRECT		INITIAL GAIN: 0 db		TRIP SENS: 0 db	
CFS I		TYPE STACK:		GATE LENGTH:		RECORD REJECTION:	
SOURCE		TYPE: <input type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER		PATTERN: inline - 1 hole		NO. OF POSITIONS:	
RECEIVER		TYPE: 20-0		PATTERN: inline		NO. OF ELEMENTS: 18	
SPREAD		CONNECTION: Series-Par-Well		RESISTANCE: 540 ohms		STAGGER:	
DIAGRAMS/MISC. INFORMATION:		NO. OF GROUPS: 48		GROUP INTERVAL: 220		SHOTPOINT INTERVAL: 480	
		OFFSET GROUP 1: 5170		OFFSET GROUP 2: 110		OFFSET GROUP 3: 110	



SHOTPOINT	TR. 1a		TR. 1c		SHOT				SPREAD		REMARKS	LOW TAPER			
	BEEL NO.	REC.	BEEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR	COP SWITCH		LINE GROUPS	HT	MC	TE
11223	1150	1217	13816		20	167	11			23	1161 - 1274				
11233		13817			20	167	12			27	11741 - 12844				
11243		13818			20	167	13			31	11841 - 12944				
11253		13819			20	167	14			35	11941 - 13044				
11263		13820			20	167	15			39	12041 - 13144				
11273		13821			20	167	16			43	12141 - 13244				
11283		13822			20	167	17			47	12241 - 13344				
11293		13823			20	167	18			51	12341 - 13444				
11303		13824			20	167	19	440	NW	55	12441 - 13544				
11313		13825			20	167	20			59	12541 - 13644				
11323		13826			20	167	21			57	12541 - 13644				
11333		13827			20	167	22			67	12741 - 13844				
11343		13828			20	167	23			71	12841 - 13944				
11353		13829			20	167	24			75	12941 - 14044				
11363		14000			20	167	25			79	13041 - 14144				
11373		14001			20	167	26			5	13141 - 14244				
11383		14002			20	167	27			9	13241 - 14344				
11393		14003			20	167	28			13	13341 - 14444				
11403		14004			20	167	29			17	13441 - 14544				
11413		14005			20	167	30			21	13541 - 14644				

Recorder @ SP-12812/12813

STAGED on SP-33

Recorder @ SP-148

LAND SEISMIC RECORDING LOG

CLIENT: <u>Husky</u> PROSPECT: <u>NPR-A</u> AREA: <u>Barrow</u>		LINE NO: <u>671</u>	
PARTY NO: <u>1182</u> INST. ENG: <u>Staff-Widhem</u>		DATE: <u>4 DAY 14 77</u>	
INSTRUMENT (9-TRACK) <input type="checkbox"/> 1 SYSTEM <input type="checkbox"/> 2 SYSTEMS <input type="checkbox"/> 1-24 & 25-48 <input type="checkbox"/> 1-48 & 49-96		NO. BYTES IN RECORDED ID: <u>134</u>	
CONFIGURATION (MAG TAPE) FIELD TRACE NOS.: <u>1-48</u> DATA CHANNEL NOS.: <u>1-48</u>		AUXILIARY DATA: (1) (2) (3) (4) (5) (6) (7)	
PARAMETER RECORD LENGTH: <u>1</u> sec MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> DIRECT <input type="checkbox"/> DEFLCAT <input type="checkbox"/> DIRECT		AUXILIARY CHANNEL NOS.: GAIN CONSTANT: <u>26</u> INPUT IMPEDANCE: <u>20K</u>	
DISPLAY CFS I TYPE STACK:		FILTERS: FREQ: <u>8</u> LO CUT HZ SLOPE <u>18</u> HI CUT HZ SLOPE <u>70</u> NOTCH FILTER: <input type="checkbox"/> IN <input type="checkbox"/> OUT	
SOURCE TYPE: <input type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER PATTERN: <u>1 inline 1 hole</u> CHG/ HOLE: <u>20</u> HOLE DEPTH: <u>75</u>		NOISE REDUCTION: <input type="checkbox"/> NOISE THRESHOLD: <input type="checkbox"/> CORR. SCALING: <input type="checkbox"/> A.C.U. NORM/ALT SW	
RECEIVER TYPE: <u>20-0</u> CONNECTION: <u>Series-Parallel</u>		NO. OF ELEMENTS: <u>18</u> STAGGER: <u>12</u>	
SPREAD NO. OF GROUPS: <u>48</u> OFFSET GROUP 1: <u>5170</u>		SHOTPOINT INTERVAL: <u>100</u> OFFSET GROUP 25: <u>40</u> FOLD: <u>1</u> DIRECTION OF PROGRESSION: <u>SE</u> LEADING GROUP: <u>48</u>	

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT NO.	TR 19		TR 20		SHOT				SPREAD				REMARKS	CORR STAGE	
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR	CDP SWITCH	LINE GROUPS			STY	TR 19
1142	1511	128	1410	10	20	167	21	11	25	136+1	147+4	2			
1143			1410	17	20	167	22	11	29	137+1	148+4				
1144			1410	18	20	167	23	11	33	138+1	149+4				
1145			1410	17	20	167	24	11	37	139+1	150+4				
1416			1410	10	20	167	25	11	37	139+1	150+4				
1417			1411	10	20	167	26	220 NW	45	140+1	152+4				
1418			1412	10	20	167	27	11	47	142+1	153+4				
1419			1413	10	20	167	28	11	53	143+1	154+4				
1420			1414	10	20	167	29	11	57	144+1	155+4				
1421			1415	10	20	167	30	11	61	145+1	156+4				
1422			1416	10	20	167	31	11	65	146+1	157+4				
1423			1417	10	20	167	32	11	69	147+1	158+4				
1424			1418	10	20	167	33	11	73	148+1	159+4				
1425			1419	10	20	167	34	11	77	149+1	160+4				
1426			1420	10	20	167	35	11	81	150+1	161+4				
1427			1421	10	20	167	36	11	85	151+1	162+4	3	Recorder @ SP-163		
1428			1422	10	20	167	37	11	89	152+1	163+4				
1429			1423	10	20	167	38	11	93	153+1	164+4				
1430			1424	10	20	167	39	11	97	154+1	165+4				
1431			1425	10	20	167	40	11	101	155+1	166+4				

LAND SEISMIC RECORDING LOG

CLIENT: <u>Husky</u>		PROSPECT: <u>NPR-A</u>		AREA: <u>Barrow</u>		LINE NO: <u>671</u>	
PARTY NO: <u>1172</u>		INST. ENG: <u>Streiff-Windham</u>		DATE: <u>MO 4 DAY 14 YE 79</u>			
INSTRUMENT (9-TRACK) NO BYTES IN HEADER REC: _____		NO. BYTES IN RECORD ID: _____		NO BYTES PER SCAN: <u>134</u>		RECORD NUMBERS: <input type="checkbox"/> DEC. <input type="checkbox"/> OCT	
CONFIGURATION (MAG TAPE) FIELD TRACE NOS.: <u>1-48</u> DATA CHANNEL NOS.: <u>1-48</u>		[ON MAG TAPE]		AUXILIARY DATA: AUXILIARY CHANNEL NOS.: _____			
PARAMETER RECORD LENGTH: <u>6</u> sec		SAMPLE RATE: <input type="checkbox"/> 1 ms <input type="checkbox"/> 4 ms <input checked="" type="checkbox"/> 7 ms		GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> OPERATE		FILTERS: _____	
DISPLAY MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> DIRECT		INITIAL GAIN: <u>0</u> db		TRIP SENS: <u>0</u> db		POLARITY CONVENTION: <input type="checkbox"/> NEGATIVE <input type="checkbox"/> POSITIVE	
CFS I TYPE STACK: _____		GATE LENGTH: _____		RECORD REJECTION: _____		NOISE REDUCTION: _____	
SOURCE TYPE: <input checked="" type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER		PATTERN: <u>Inline-14x6</u>		NO. OF POSITIONS: _____		INLINE SPACING: _____	
RECEIVER TYPE: <u>300</u>		PATTERN: <u>Inline</u>		NO. OF ELEMENTS: <u>18</u>		INLINE SPACING: <u>12</u>	
SPREAD NO. OF GROUPS: <u>48</u>		GROUP INTERVAL: <u>320</u>		SHOTPOINT INTERVAL: <u>880</u>		FOUL: <u>6</u>	
OFFSET GROUP 1: <u>5170</u>		GROUP 25: <u>110</u>		OFFSET GROUP 25: <u>110</u>		DIRECTION OF PROGRESSION: <u>SE</u>	
						LEADING GROUP: <u>48</u>	

DIAGRAMS/MISC. INFORMATION

SHOTPOINT	TR 10		TR 10		SHOT		SPREAD		REMARKS	CORR STACK	
	REEL NO	SEC	REEL NO	SEC	SIZE	DEPTH	NO	OFFSET		DIR	CDP SWITCH
1162	17	42.19	17	42.23	20	167	41	45	156+1	-167+4	3
1163		42.18			20	167	42	43	157+1	-168+4	4 #427 N.G
1164		42.19			20	167	43	47	158+1	-169+4	
1165		42.20			20	167	44	51	159+1	-170+4	
1166		42.21			20	167	45	55	160+1	-171+4	
1167		42.22			20	167	46	59	161+1	-172+4	
1168		42.23			20	167	47	62	162+1	-173+4	
1169		42.24			20	167	48	67	163+1	-174+4	
1170		42.25			20	167	49	71	164+1	-175+4	
1171		42.26			20	167	50	75	165+1	-176+4	
1172		42.27			20	167	51	79	166+1	-177+4	
1173		42.28			20	167	52	29	167+1	-178+4	5 Recorder @ SP-178
1174		42.29			20	167	53	33	168+1	-179+4	
1175		42.30			20	167	54	37	169+1	-180+4	
1176		42.31			20	167	55	41	170+1	-181+4	
1177		42.32			20	167	56	45	171+1	-182+4	
1178		42.33			20	167	57	49	172+1	-183+4	
1179		42.34			20	167	58	53	173+1	-184+4	
1180		42.35			20	167	59	57	174+1	-185+4	
1181		42.36			20	167	60	61	175+1	-186+4	

Recording Hrs - 14.0

LAND SEISMIC RECORDING LOG

CLIENT: Husky PROSPECT: NPA-A AREA: Barrow LINE NO.: 671

PARTY NO.: 1193 INST. ENG.: Steeff-Windham DATE: MO 4 DAY 15 YR 79

INSTRUMENT: SYSTEM 1-24 & 25-28 SYSTEMS 1-48 & 49-96 TYPE: DFB III DFB X OTHER TRACK 1 TRACK 2 FORMAT: B GAPPED UNGAPPED PACKING DENSITY: (1) 350 BPM (H) 712 BPM (I) 1000 BPM

NO. BYTES IN HEADER REC.: NO. BYTES IN RECORD ID: NO. BYTES PER SCAN: RECORD NUMBERS: IS-DEC OCT GAIN CONSTANT: 36 INPUT IMPEDANCE: 200 (1) (2) (3) (4) (5) (6) (7)

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: 1-48 DATA CHANNEL NOS.: 1-48 (ON MAG TAPE) AUXILIARY DATA: AUXILIARY CHANNEL NOS.:

PARAMETER: RECORD LENGTH: 6 SAMPLE RATE: 1 ms 4 ms GAIN MODE: INITIAL MANUAL OPERATE FILTERS: FREQ. Y LO CUT HZ SLOPE 18 HI CUT HZ SLOPE 70 NOTCH FILTER: IN OUT

DISPLAY: MODE: AGC FLOAT AMPLIFIER INITIAL GAIN: 1.2 FRP SENS: 0 POLARITY CONVENTION: PRESSURE INCREASE NEGATIVE POSITIVE NUMBERS 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: DYNAMIC VIBROSEIS OTHER PATTERN: inline-hole NO. OF POSITIONS: INLINE SPACING: LATERAL SPACING: STAGGER: LENGTH: WIDTH: LATERAL OFFSET:

RECEIVER: TYPE: 20-0 PATTERN: inline NO. OF ELEMENTS: 18 INLINE SPACING: 12 LATERAL SPACING: CONNECTION: Series-Parallel RESISTANCE: 510 STAGGER: LENGTH: WIDTH: LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 48 GROUP INTERVAL: 220 SHOTPOINT INTERVAL: 880 FOLD: 6 DIRECTION OF PROGRESSION: SE OFFSET GROUP 1: 5170 OFFSET GROUP 24: 110 OFFSET GROUP 25: 110 OFFSET GROUP 48/96: 5170 LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION: *TRA1* *TRA48* *#463 test time block*

SHOTPOINT	TR 10		TR 20		SHOT		SPREAD		REMARKS			
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO. OFFSET	DIR				
11813	7519310	1465			20	67	1200	SE	35	176+1 - 187+4	1	Recorder @ SP18512/18513
11813		1466			20	67	1410	SE	39	177+1 - 188+9		
11814		1467			20	67	13		42	178+1 - 189+4		
11815		1468			20	67	14		47	179+1 - 190+9		
11816		1469			20	67	15		51	180+1 - 191+4		
11817		1470			20	67	16		55	181+1 - 192+9		
11818		1471			20	67	17	SW	59	182+1 - 193+4		
11819		1472			20	67	18	SE	63	183+1 - 194+9		
11820		1473			20	67	19		67	184+1 - 195+4		
11821		1474			20	67	20		71	185+1 - 196+9		
11822		1475			20	67	20	SE	77	186+1 - 197+4	2	Recorder @ SP18712/18713
11823		1476			20	67	21		31	187+1 - 198+9		
11824		1477			20	67	22		35	188+1 - 199+4		
11825		1478			20	67	23		39	189+1 - 200+9		
11826		1479			20	67	24		39	189+1 - 201+4		Stacked on 197
11827		1480			20	67	26		47	191+1 - 202+9		
11828		1481			20	67	27	SE	51	192+1 - 203+4		
11829		1482			20	67	28		49	193+1 - 204+9	3	
11830		1483			20	67	29		53	194+1 - 205+4		
11831		1484			20	67	30		57	195+1 - 206+9		

LAND SEISMIC RECORDING LOG

CLIENT: <u>Husky</u>		PROSPECT: <u>NPR-A</u>		AREA: <u>Barrow</u>		LINE NO.: <u>671</u>															
PARTY NO.: <u>1172</u>		INST. ENG.: <u>Street-Windham</u>		DATE: <u>MO 4 DAY 15 yr 79</u>																	
INSTRUMENT (9-TRACK)		<input type="checkbox"/> 1 SYSTEM <input type="checkbox"/> 2 SYSTEMS		<input type="checkbox"/> 1-24 & 35-48 <input type="checkbox"/> 1-48 & 49-96		ODDS <input type="checkbox"/> EVENS		TYPE: <input type="checkbox"/> DFS III <input type="checkbox"/> DFS IV		<input type="checkbox"/> 1 TRACK <input type="checkbox"/> 2 TRACK		FORMAT: <u>B</u>		<input type="checkbox"/> BAPPED <input type="checkbox"/> UNBAPPED		PACKING DENSITY:		(10) <input type="checkbox"/> 356 BPI <input type="checkbox"/> 800 BPI		(11) <input type="checkbox"/> 712 BPI <input type="checkbox"/> 1400 BPI	
NO. BYTES IN HEADER REC.		NO. BYTES IN RECORD ID.		NO. BYTES PER SCAN: <u>114</u>		RECORD NUMBERS:		<input type="checkbox"/> DEC <input type="checkbox"/> OCT		GAIN CONSTANT: <u>3.6</u>		INPUT IMPEDANCE: <u>20k</u>		(1) (2) (3) (4) (5) (6) (7)							
CONFIGURATION (MAG TAPE)		FIELD TRACE NOS.: <u>1-48</u>		DATA CHANNEL NOS.: <u>1-48</u>		(ON MAG TAPE)		AUXILIARY DATA:		AUXILIARY CHANNEL NOS.:											
PARAMETER		RECORD LENGTH:		SAMPLE RATE: <input type="checkbox"/> 1ms <input type="checkbox"/> 4ms <input type="checkbox"/> 2ms <input type="checkbox"/>		GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> FINAL <input type="checkbox"/> OPERATE		FILTERS:		FREQ: <u>8</u>		LO CUT HZ SLOPE: <u>15</u>		HI CUT HZ SLOPE: <u>70</u>		NOTCH FILTER: <input type="checkbox"/> IN <input type="checkbox"/> OUT					
DISPLAY		MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> ACE <input type="checkbox"/> OFFLOAT <input type="checkbox"/> DIRECT		INITIAL GAIN: <u>12</u>		TRIP SENS.: <u>0</u>		POLARITY CONVENTION:		PRESSURE INCREASE ON GEOPHONE:		<input type="checkbox"/> NEGATIVE <input type="checkbox"/> POSITIVE		NUMBERS ON MAG TAPE:		<input type="checkbox"/> DOWNBREAK <input type="checkbox"/> ON DISPLAY					
CFS 1		TYPE STACK:		GATE LENGTH:		RECORD REJECTION:		NOISE REDUCTION:		NOISE THRESHOLD:		CORR. SCALING:		E.C.U. NORMAL SW							
SOURCE		TYPE: <input type="checkbox"/> DYNAMIC <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER		PATTERN: <u>inline-hole</u>		NO. OF POSITIONS:		INLINE SPACING:		LATERAL SPACING:		STAGGER:		LENGTH:		WIDTH:		LATERAL OFFSET:			
RECEIVER		TYPE: <u>20-P</u>		PATTERN: <u>inline</u>		NO. OF ELEMENTS: <u>18</u>		INLINE SPACING:		LATERAL SPACING:		STAGGER:		LENGTH:		WIDTH:		LATERAL OFFSET:			
CONNECTION: <u>Series-Parallel</u>		RESISTANCE: <u>560</u>		STAGGER:		LENGTH:		WIDTH:		LATERAL OFFSET:											
SPREAD		NO. OF GROUPS: <u>48</u>		GROUP INTERVAL: <u>220</u>		SHOTPOINT INTERVAL: <u>480</u>		FOLD: <u>6</u>		DIRECTION OF PROGRESSION: <u>SE</u>											
OFFSET GROUP 1: <u>5170</u>		OFFSET GROUP 2: <u>110</u>		OFFSET GROUP 3: <u>110</u>		OFFSET GROUP 4: <u>110</u>		OFFSET GROUP 5: <u>5170</u>		LEADING GROUP: <u>48</u>											

DIAGRAMS/MISC. INFORMATION:

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	REV	TR 1	TR 2	TR 3
12012	45119	30	4813		20	167	21		61	196+1 - 207+4	3					
12013			4816		20	167	22		65	197+1 - 208+4						
12014			4817		20	167	23		69	198+1 - 209+4						
12015			4818		20	167	24		73	199+1 - 210+4						
12016			4819		20	167	25		77	200+1 - 211+4	4	Recorder @ SP-11212/11213				
12017			4820		20	167	26		27	201+1 - 212+4						
12018			4821		20	167	27		31	202+1 - 213+4						
12019			4822		20	167	28		35	203+1 - 214+4						
12020			4823		20	167	29		43	205+1 - 216+4						
12021			4824		20	167	30		39	204+1 - 215+4						
12022			4825		20	167	31		47	206+1 - 217+4						
12023			4826		20	167	32		51	207+1 - 218+4						
12024			4827		20	167	33		55	208+1 - 219+4						
12025			4828		20	167	34		59	209+1 - 220+4						
12026			4829		20	167	35		27	210+1 - 221+4	5	Recorder @ SP 12112/12113				
12027			4830		20	167	36		31	211+1 - 222+4						
12028			4831		20	167	37		35	212+1 - 223+4						
12029			4832		20	167	38		39	213+1 - 224+4						
12030			4833		20	167	39		43	214+1 - 225+4						
12031			4834		20	167	40		47	215+1 - 226+4						

