

RELIABLE EXPLORATION Inc.

PROJECT/PROSPECT <i>Williston II</i>		NUMBER	LINE <i>ND-2</i>	RECORDING	OBSERVER'S	REPORT											
DATE & TRAVEL TIME		IDENTIFICATION		ENVIRONMENT	INSTRUMENTS		GEOPHONES			S. P. PATTERN		SPREAD	PAGE OF				
MONTH <i>10</i>	DAY <i>19</i>	YEAR <i>92</i>	CLIENT <i>Co Corp</i>	TEMP.	TERRAIN	TYPE INST. <i>BFS II</i>	SAMPLE RATE <i>4</i>	TYPE <i>L-21-M</i>	NO./STRING <i>9</i>	NO. OF STRINGS <i>2</i>	PATTERN WIDTH FT.	NO. OF HOLES PER SHOT <i>1</i>	MULTIPLE CHARGE <input type="checkbox"/>	DISTANCE BETWEEN GROUP STATIONS <i>165'</i>	SUBSURFACE STACK %	ENERGY SOURCE <i>DYN.</i>	
LEAVE TOWN <i>7:00</i>	ARRIVE FIELD <i>7:50</i>	PARTY <i>344</i>	REC. TRUCK <i>7896</i>	OBSERVER <i>Aschick</i>	WIND	TYPE SURFACE	NO TRACKS <i>9</i>	RECORD LGTH. <i>60 SEC.</i>	FREQUENCY <i>10 MZ</i>	SEPARATION <i>15 FT.</i>	DAMPING RESISTOR <i>360</i>	PATTERN LGTH. FT.	DIST. BETWEEN HOLES	DELAY TOP TO BOTTOM	DISTANCE BETWEEN SHOT POINTS FT.	UPHOLE OFFSET	GAIN TYPE <input type="checkbox"/> ABC <input type="checkbox"/> PBC <input type="checkbox"/> GABC
LEAVE FIELD	ARRIVE TOWN	PARTY LOCATION <i>Williams, N.D.</i>		CO. STATE	PRECIP.	VEGETATION	BPI <i>1600</i>	FORMAT <i>Seq B</i>	TYPE BASE <i>Spire</i>	CONNECTION SERIES PARALLEL <input checked="" type="checkbox"/>	CONNECTION SERIES PARALLEL <input checked="" type="checkbox"/>	LOCATION ACROSS STR. <input type="checkbox"/>	ARRANGEMENT INLINE <input checked="" type="checkbox"/>	PATTERN NORMAL TO LINE <input type="checkbox"/>	OFFSET DIRECTION GAP FT.	ALIAS FILTER TYPE / FREQ	FIRST BREAK POLARITY <input type="checkbox"/> DOWN <input checked="" type="checkbox"/> UP
SHOW TRACE NO'S, S.P. LOCATION, GAPS + DISTANCES, DIRECTION <i>SPREAD 17 - Master - 7896</i>				FILTER SETTING		LOW CUT Hz	H. CUT Hz <i>64</i>	SLOPE CAB/OCTAVE LC HC		NOTCH IN <i>IN</i>	GAIN INITIAL FINAL <i>36dB 84dB</i>		IB TRACE FILE TRACE <i>4</i>	UH TRACE UH CHECK <i>2</i>			

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE			TRACE POSITION					CDP Switch	Truck Pos.	Ratio U.H. TIME	Direct	OFFSET FEET DEGREES	REMARKS		
		SHOT POINT NUMBER	SHOT FOR DIRECTION TO NO. 1	SHOT (A,B,C)	TOTAL CHARGE	DEPTH TOP BOT.	REEL NUMBER	SEQUENCE/FILE NUMBER	PARITY ERRORS	TR 1	TR 24	TR 25	TR 48							TR 96	
		Noise Test				116			1983	2042	2043	2102	55	2024	2025					5 sec Noise Test - sta 2015 = Powerline	Daily Tests NOTED ABOVE FN 900 all ones
1	9:22	1503			50 ¹²	115	140	129	117	1983	2042	2043	2102	55		74	74		(weak energy)	FN 901- DRD-20.48	
		Noise Test				118			1983	2042	2043	2102	55							5 sec. Noise Test	FN 902 DRD-80
2	9:33	1563			50	115	140		119	1983	2042	2043	2102	55		76	60		(weak energy)	FN 903. DAD. 5 sec	
		Noise Test				120			1983	2042	2043	2102	55							5 sec. Noise Test	FN 904- Converter Noise
3.	9:45	1622			50	115	140		121	1983	2042	2043	2102	55		82	82		(weak energy)	FN 905- Exp. Cse.	
		Noise Test				122			1983	2042	2043	2102	55							5 sec. Noise Test - sta 2025 Pipeline Values	FN 906- Tube Test
		Noise Test				130.			1983	2042	2043	2102	55							sta 222 Powerline	
4.	10:10	1623	A/C	2513		168	180		125	1983	2042	2043	2102	55		78	78			VOID FN 123 - 5 sec Noise Test	
		Noise Test				126			1983	2042	2043	2102	55								
5	10:41	1647	A/C	2513		120	140		127	1983	2042	2043	2102	55		72	68			Hole "A" dead shooting GAC together 254812	
		Noise Test				128			1983	2042	2043	2102	55								
		Noise Test				131			1983	2042	2043	2102	55								New Reel # 131 FN 906 All ones
6	11:16	1749			2512	128	140		130	1983	2042	2043	2102	55		34	37			5 sec. Noise Test	
		Noise Test				131			1983	2042	2043	2102	55								
7	12:00	1806			2512	118	140		132	1983	2042	2043	2102	55		39	-				
		Noise Test				133			1983	2042	2043	2102	55								
8	12:12	1832			2512	118	140		134	1983	2042	2043	2102	55		42	45				
		Noise Test				135			1983	2042	2043	2102	55								

(USED 3 TAPES)

RELIABLE EXPLORATION Inc.

PROJECT/PROSPECT <i>Williston II</i>		NUMBER	LINE <i>N.D. 2-92</i>	RECORDING	OBSERVER'S	REPORT										
DATE & TRAVEL TIME		IDENTIFICATION		ENVIRONMENT	INSTRUMENTS	GEOPHONES										
MONTH <i>10</i>	DAY <i>19</i>	YEAR <i>92</i>	CLIENT <i>COCORP</i>	TEMP.	TERRAIN <i>Hills</i>	TYPE INST. <i>DPSV</i>	SAMPLE RATE <i>4</i>	TYPE <i>L-21A</i>	NO./STRING <i>9</i>	NO. OF STRINGS <i>1</i>	PATTERN WIDTH <i>inline</i> FT.	NO. OF HOLES PER SHOT	MULTIPLE CHARGE <input type="checkbox"/>	DISTANCE BETWEEN GROUP STATIONS	SUBSURFACE STACK	ENERGY SOURCE <i>% DYNAMITE</i>
LEAVE TOWN <i>7:05</i>	ARRIVE FIELD <i>7:30</i>	PARTY <i>R803-S</i>	REC. TRUCK <i>T. Brown</i>	WIND	TYPE SURFACE <i>SPARSE ROCK</i>	NO. TRACKS <i>9</i>	RECORD LGTH. <i>60</i> SEC.	FREQUENCY <i>10</i> HZ	SEPARATION <i>15</i> FT.	DAMPING RESISTOR	PATTERN LGTH. <i>120</i> FT.	DIST. BETWEEN HOLES	DELAY TOP TO BOTTOM	DISTANCE BETWEEN SHOT POINTS	UPHOLE OFFSET <i>5'</i>	GAIN TYPE <input checked="" type="checkbox"/> AGC <input type="checkbox"/> PGC <input type="checkbox"/> GAGC
LEAVE FIELD	ARRIVE TOWN	PARTY LOCATION <i>Williston N.D.</i>		PRECIP.	VEGETATION <i>GRASS</i>	SPI <i>1600</i>	FORMAT <i>SEG B</i>	TYPE BASE <i>spike</i>	CONNECTION SERIES PARALLEL <input checked="" type="checkbox"/>	CONNECTION SERIES PARALLEL <input type="checkbox"/>	LOCATION ACROSS STA. <input checked="" type="checkbox"/> BETWEEN STA. <input type="checkbox"/>	ARRANGEMENT INLINE <input type="checkbox"/> PATTERN <input type="checkbox"/> NORMAL TO LINE <input type="checkbox"/>	OFFSET DIRECTION GAP	ALIAS FILTER TYPE / FREQ	FIRST BREAK POLARITY <input type="checkbox"/> DOWN <input checked="" type="checkbox"/> UP	
SHOW TRACE NO'S, S.P. LOCATION, GAPS + DISTANCES, DIRECTION:				FILTER SETTING		LOW CUT HZ <i>cut</i>	H. CUT HZ <i>64</i>	SLOPE CAB/OCTAVE LC <i>18</i> HC <i>72</i>	NOTCH IN <i>1N</i>	GAIN INITIAL <i>36</i> FINAL <i>JFP</i>	IB TRACE	UH TRACE		FILE TRACE		UH CHECK

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE			TRACE POSITION					L. N. TIME	U.H. RADIO	OFFSET FEET	DEGREES	REMARKS			
		SHOT POINT NUMBER	SHOT FOR DIRECTION TO NO. 1	SHOT (A,B,C)	TOTAL CHARGE	DEPTH TOP	DEPTH BOT.	REEL NUMBER	SEQUENCE FILE NUMBER	PARITY ERRORS	1	2	3						TR	CDP Switch	Truck Pos.
1	9:22	1503	A	N	5 SEC NOISE STRIP	100	115	140	529	116	1743	1802	1803	1836	9	1804/1807	-	-	74	74	STA. 1750-1755 DEAD COW + HORSE Sta. 1743-1755
			B		5 SEC NOISE STRIP	50	115	140	117	118	"	"	"	"	"	"	-	-			SP 1503 A 2X 50 115/140
2	9:33	1563			5 SEC NOISE STRIP	50	115	140	119	120	"	"	"	"	"	"	-	-	60	76	CATTLE moving around on BACK SPREAD Sta. 1756-1800
					5 SEC NOISE STRIP	50	115	140	121	122	"	"	"	"	"	"	-	-			SP 1563 1X 50 115/140
3	9:45	1622			5 SEC NOISE STRIP	50	115	140	122	124	"	"	"	"	"	"	-	-	82	82	SP 1622 1X 50 115/140 got some noise up front
					5 SEC NOISE STRIP	50	115	140	125	126	"	"	"	"	"	"	-	-			Sta. 1815-1836 TRAIN ??
					5 SEC NOISE STRIP	50	115	140	127	128	"	"	"	"	"	"	-	-			END REEL # 529
4	10:10	1623			5 SEC NOISE STRIP	75	188	180	129	130	"	"	"	"	"	"	-	-	78	78	VOID FILE # 123
					5 SEC NOISE STRIP	50	115	140	131	132	"	"	"	"	"	"	-	-			SP 1623 A,B,C 3X 25 168/180
5	10:41	1647	B		5 SEC NOISE STRIP	50	115	140	133	134	"	"	"	"	"	"	-	-	68	72	Sta. 1755 fixed bad caps on SP 1647 A 1x25 108/120
					5 SEC NOISE STRIP	50	115	140	135	136	"	"	"	"	"	"	-	-			SP 1647 B 2X 50 115/140
					5 SEC NOISE STRIP	50	115	140	137	138	"	"	"	"	"	"	-	-			END OF REEL # 530
6	11:16	1749	A		5 SEC NOISE STRIP	50	128	140	139	140	"	"	"	"	"	"	-	-	37	34	SP 1749 A 2X 25 B 128/140 A 128/150
					5 SEC NOISE STRIP	50	115	140	141	142	"	"	"	"	"	"	-	-			
7	12:06	1806	A		5 SEC NOISE STRIP	50	115	140	143	144	"	"	"	"	"	"	-	-			SP 1806 A 2X 25 115/140 NO shot on SP 1806
					5 SEC NOISE STRIP	50	115	140	145	146	"	"	"	"	"	"	-	-			TAPE WAS BYPASS
8	12:12	1832	A		5 SEC NOISE STRIP	50	115	140	147	148	"	"	"	"	"	"	-	-	45	42	SP 1832 A 2X 50 115/140
					5 SEC NOISE STRIP	50	115	140	149	150	1743	1802	1803	TR 1836	9		-	-			
END OF PAGE																					

RELIABLE EXPLORATION Inc.

PROJECT/PROSPECT <i>WILLISTON II</i>				NUMBER		LINE <i>NP-2</i>		RECORDING		OBSERVER'S		REPORT											
DATE & TRAVEL TIME			IDENTIFICATION			ENVIRONMENT		INSTRUMENTS			GEOPHONES			S. P. PATTERN		SPREAD		PAGE OF					
MONTH <i>16</i>	DAY <i>19</i>	YEAR <i>92</i>	CLIENT <i>CO CORP</i>			TEMP.	TERRAIN	TYPE INST <i>DFSV</i>	SAMPLE RATE <i>4ms</i>	TYPE <i>HR5</i>	NO./STRING <i>9</i>	NO. OF STRINGS <i>1</i>	PATTERN WIDTH FT.	NO. OF HOLES PER SHOT	MULTIPLE CHARGE <input type="checkbox"/>	DISTANCE BETWEEN GROUP STATIONS <i>165 FT.</i>		SUBSURFACE STACK	ENERGY SOURCE <i>SHOT HOLE</i>				
LEAVE TOWN <i>7:00 AM</i>	ARRIVE FIELD <i>7:30 AM</i>	PARTY <i>3</i>	REC. TRUCK <i>801</i>	OBSERVER <i>Stewart</i>		WIND	TYPE SURFACE	NO TRACKS <i>9</i>	RECORD LGTH <i>60 SEC.</i>	FREQUENCY <i>10 HZ</i>	SEPARATION <i>15 FT</i>	DAMPING RESISTOR <i>1K</i>	PATTERN LGTH <i>120 FT.</i>	DIST BETWEEN HOLES	DELAY TOP TO BOTTOM	DISTANCE BETWEEN SHOT POINTS		UPHOLE OFFSET	GAIN TYPE <input checked="" type="checkbox"/> AGC <input type="checkbox"/> PGC <input type="checkbox"/> GAGC				
LEAVE FIELD <i>5:00 PM</i>	ARRIVE TOWN <i>5:30</i>	PARTY LOCATION <i>WILLISTON MCKENZIE RD</i>		CO. STATE		PRECIP. <i>0</i>	VEGETATION	BPI <i>1600</i>	FORMAT <i>SECB</i>	TYPE BASE <i>SPIKE</i>	CONNECTION SERIES PARALLEL <input checked="" type="checkbox"/>	CONNECTION SERIES PARALLEL <input checked="" type="checkbox"/>	LOCATION ACROSS STA. BETWEEN STA. <input type="checkbox"/>	ARRANGEMENT INLINE <input type="checkbox"/> PATTERN <input type="checkbox"/> NORMAL TO LINE <input type="checkbox"/>		OFFSET DIRECTION GAP	FT.	ALIAS FILTER TYPE / FREQ	FIRST BREAK POLARITY <input type="checkbox"/> DOWN <input checked="" type="checkbox"/> UP				
SHOW TRACE NO'S, S. P. LOCATION, GAPS + DISTANCES, DIRECTION:						FILTER SETTING			LOW CUT HZ <i>OUT</i>	H. CUT HZ <i>64</i>	SLOPE CAB/OCTAVE LC <i>72</i> HC		NOTCH IN <i>IN</i>	GAIN INITIAL <i>36db</i> FINAL		IB TRACE		UH TRACE		FILE TRACE		UH CHECK	

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE		TRACE POSITION					CDP Switch	Truck Pos.	U.H. TIME	OFFSET		REMARKS	
		SHOT POINT NUMBER	SHOT FOR	DIRECTION TO NO. 1	SHOT (A, B, C)	TOTAL CHARGE	DEPTH TOP BOT.	REEL NUMBER	SEQUENCE/FILE NUMBER	PARITY ERRORS	1	24				25	48		48
							232												BOR# 232 1ST FILE #900 ALL ONES
							↓	136	1623	1682	1683	1742	28						5 SEC NOISE RECORD.
	12:45	1890	A		50	128 140	137	1623	1682	1683	1742	28							2 HOLES SHOT TOGETHER.
								138	1623	1682	1683	1742	28						5 SEC NOISE RECORD.
	12:57	1938	B		50	128 140	139	1623	1682	1683	1742	28							2 HOLES SHOT TOGETHER.
								140	1623	1682	1683	1742	28						5 SEC NOISE RECORD FOR # 232
							233		16										BOR# 233 1ST FILE #900 ALL ONES
							↓	141	1623	1682	1683	1742	28						5 SEC NOISE RECORD.
	1:10	2065	A		25	128 140	142	1623	1682	1683	1742	28							2 HOLES SHOT TOGETHER.
								143	1623	1682	1683	1742	28						5 SEC NOISE RECORD
	1:19	2102	B		50	128 140	144	1623	1682	1683	1742	28							LAST SHOT OF LINE
																			5 SEC NOISE RECORD. FOR # 233
																			PICKING UP LINE!
																			5 TAPES 1 FREON.

RELIABLE EXPLORATION Inc.

RECORDER #4

DATE & TRAVEL TIME			IDENTIFICATION			ENVIRONMENT		INSTRUMENTS		GEOPHONES			S. P. PATTERN		RECORDING SPREAD		OBSERVER'S REPORT			
MONTH	DAY	YEAR	CLIENT			TEMP.	TERRAIN	TYPE INST.	SAMPLE RATE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	NO. OF HOLES PER SHOT	MULTIPLE CHARGE	DISTANCE BETWEEN GROUP STATIONS	SUBSURFACE STACK	ENERGY SOURCE		
10	19	92	COCORP			35°	HILLS	DFSV	4MS	L-21-A	9	1	0 FT.		<input type="checkbox"/>	165		DYNAMITE		
LEAVE TOWN		ARRIVE FIELD	PARTY	REC. TRUCK	OBSERVER	WIND	TYPE SURFACE	NO TRACKS	RECORD LGTH.	FREQUENCY	SEPARATION	DAMPING RESISTOR	PATTERN LGTH.	DIST. BETWEEN HOLES	DELAY TOP TO BOTTOM	DISTANCE BETWEEN SHOT POINTS	UPHOLE OFFSET	GAIN TYPE		
			3	3137	ROGERS	10-15	SAND	9	60 SEC.	10 HZ	FT.	360	120			5'		<input checked="" type="checkbox"/> AGC <input type="checkbox"/> PGC <input type="checkbox"/> GAGC		
LEAVE FIELD		ARRIVE TOWN	PARTY LOCATION		CO. STATE	PRECIP.	VEGETATION	BPI	FORMAT	TYPE BASE	CONNECTION SERIES PARALLEL	CONNECTION SERIES PARALLEL	LOCATION ACROSS STA. BETWEEN STA.	ARRANGEMENT INLINE <input checked="" type="checkbox"/> PATTERN <input type="checkbox"/> NORMAL TO LINE <input type="checkbox"/>	OFFSET DIRECTION GAP	FT.	ALIAS FILTER TYPE / FREQ	FIRST BREAK POLARITY		
			WILLIAMS		N.D	NONE	GRASS	1600	SEG. B	SPK.	<input type="checkbox"/>	<input type="checkbox"/>				64		<input type="checkbox"/> DOWN <input checked="" type="checkbox"/> UP		
SHOW TRACE NO'S, S. P. LOCATION, GAPS + DISTANCES, DIRECTION:										FILTER SETTING		LOW CUT HZ	H. CUT HZ	SLOPE CAB/OCTAVE		NOTCH	GAIN		IB TRACE	UH TRACE
												OUT	64	LC	HC	IN	INITIAL	FINAL	FILE TRACE	UH CHECK
												OUT	64	OUT	72	IN	IFP			

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE		TRACE POSITION					U.M. TIME	OFFSET		REMARKS			
		SHOT POINT NUMBER	SHOT FOR	DIRECTION TO NO. 1	SHOT (A,B,C)	TOTAL CHARGE	DEPTH TOP BOT.	REEL NUMBER	SEQUENCE/FILE NUMBER	PARITY ERRORS	1	24 48		25 49	48 96		CDP Switch	Truck Pos.	FEET
WIND STRIP	9:22	1503	A			100#	115	140	429	116	1503			1622	61	1563/1563			REEL 429 ON
			B						117	1503				1622	61		74-74		2 HOLES 50" EACH @ 140' (SP. 1503)
WIND STRIP	9:33	1563				50#	115	140		118	1503			1622	61				
									119	1503				1622	61		76-60		
WIND STRIP	9:45	1622				50#	115	140		120	1503			1622	61				
									121	1503				1622	61		82-82		
WIND STRIP									429	122	1503			1622	61				REEL 429 OFF
WIND STRIP	10:10	1623	A			125#	168	180	430	124	1503			1622	61				REEL 430 ON VOID FILE 123
			B						125	1503				1622	61		78-78		SP. 1623 3 HOLES 25" EACH @ 180'
WIND STRIP	10:41	1647	A			125#	*	*		126	1503			1622	61				* A HOLE 25" @ 120 (DEAD CAP)
			B						127	1503				1622	61		72-68		SP. 1647 3 HOLES * B HOLE 25" @ 140 118 TOP
WIND STRIP									430	128	1503			1622	61				REEL 430 OFF * C HOLE 25" @ 170 158 TOP
WIND STRIP	11:16	1749	A			50#	*	*		431	129	1503		1622	61				REEL 431 ON
			B						130	1503				1622	61		34-37		A HOLE 25" @ 150' (138' TOP)
WIND STRIP	12:00	1806	A			50#	128	140		131	1503			1622	61				SP. 1749 2 HOLES B HOLE 25" @ 140' (128' TOP)
			B						133	1503				1622	61				SP. 1806 NO RECORD RECORDER #4.
WIND STRIP	12:12	1832	A			50#	128	140		134	1503			1622	61				VOID FILE 132
			B						135	1503				1622	61		42-35		SP. 1832 2 HOLES 25" EACH 140' (128 TOP)
WIND STRIP									431	135	1503			1622	61				REEL 431 OFF

RELIABLE EXPLORATION Inc.

RECORDER # 4

PROJECT/PROSPECT WILLISTON 11		NUMBER	LINE ND-2	RECORDING	OBSERVER'S	REPORT
DATE & TRAVEL TIME		IDENTIFICATION		ENVIRONMENT	INSTRUMENTS	GEOPHONES
MONTH 10	DAY 18	YEAR 92	CLIENT COCORP	TEMP. 22°	TERRAIN HILLS	TYPE INST. DFSI
LEAVE TOWN	ARRIVE FIELD	PARTY 3	REC. TRUCK 3137	OBSERVER ROBERTS	WIND 5-10	TYPE SURFACE SAND
LEAVE FIELD	ARRIVE TOWN	PARTY LOCATION WILLIAMS ND		CO. STATE	NO TRACKS 9	RECORD LGTH. 60 SEC
SHOW TRACE NO'S, S. P. LOCATION, SAPS + DISTANCES, DIRECTION:		PRECIP. NONE		VEGETATION GRASS	SPI 1600	FORMAT SEC. B
FILTER SETTING		LOW CUT HZ OUT		H. CUT HZ 64	SLOPE CAR/OCTAVE	
		LC OUT		HC 72	NOTCH IN IN	
		ARRANGEMENT IN LINE <input checked="" type="checkbox"/> PATTERN <input type="checkbox"/>		OFFSET DIRECTION GAP		IB TRACE
		NORMAL TO LINE <input type="checkbox"/>		GAIN INITIAL IFP		UH TRACE
		DISTANCE BETWEEN GROUP STATIONS 165'		DISTANCE BETWEEN SHOT POINTS 5'		FILE TRACE
		MULTIPLE CHARGE <input type="checkbox"/>		UPHOLE OFFSET 5'		UH CHECK
		DISTANCE BETWEEN HOLES		SUBSURFACE STACK		ENERGY SOURCE DYNAMITE
		DELAY TOP TO BOTTOM		GAIN TYPE <input checked="" type="checkbox"/> AGC <input type="checkbox"/> PGC <input type="checkbox"/> GAGC		FIXED
		ARRANGEMENT		FIRST BREAK POLARITY <input type="checkbox"/> DOWN <input checked="" type="checkbox"/> UP		

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE			TRACE POSITION					U.M. TIME	OFFSET FEET DEGREES	REMARKS DETAIL ANY CHANGE FROM NORMAL CONDITIONS NOTED ABOVE	
		SHOT POINT NUMBER	SHOT FOR	DIRECTION TO NO. 1	SHOT (A,B,C)	TOTAL CHARGE	DEPTH TOP BOT.	REEL NUMBER	SEQUENCE/FILE NUMBER	PARITY ERRORS	1	24 48	25 49				48 96
WIND STRIP							428	109		1503			1622	61	1562/1563		REEL # 428 ON TAPE FILE 108
	2:00	1383	B		100#	115 140		110		1503			1622	67		55-55	2 HOLES 50' EACH @ 140' STA. 1622 OPEN
WIND STRIP								111		1503			1622	61			1622 OPEN
	2:12	1443	A		100#	115 140		112		1503			1622	61		40-44	2 HOLES 50' EACH @ 140' - A HOLE B HOLE 130'
WIND STRIP								113		1503			1622	61			
	2:22	1502			50#	115 140		114		1503			1622	61		60-64	
WIND STRIP							428	115		1503			1622	61			REEL # 428 OFF

RELIABLE EXPLORATION Inc.

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PROJECT/PROSPECT <i>Williston II</i>		NUMBER	LINE <i>NA-2</i>	RECORDING	OBSERVER'S	REPORT											
DATE & TRAVEL TIME		IDENTIFICATION		ENVIRONMENT	INSTRUMENTS		GEOPHONES			S. P. PATTERN		SPREAD	PAGE OF				
MONTH <i>10</i>	DAY <i>18</i>	YEAR <i>92</i>	CLIENT <i>Co Corp</i>	TEMP.	TERRAIN	TYPE INST. <i>DFSD</i>	SAMPLE RATE <i>4</i>	TYPE <i>L-21-A</i>	NO./STRING <i>9</i>	NO. OF STRINGS <i>2</i>	PATTERN WIDTH FT.	NO. OF HOLES PER SHOT <i>1/2</i>	MULTIPLE CHARGE <input type="checkbox"/>	DISTANCE BETWEEN GROUP STATIONS FT.	SUBSURFACE STACK %	ENERGY SOURCE <i>Ayn.</i>	
LEAVE TOWN <i>7:00AM</i>	ARRIVE FIELD <i>7:15AM</i>	PARTY <i>314</i>	REC. TRUCK <i>R906</i>	OBSERVER <i>D. Wick</i>	WIND	TYPE SURFACE	NO TRACKS <i>9</i>	RECORD LGTH. <i>60</i> SEC.	FREQUENCY <i>10</i> HZ	SEPARATION <i>15</i> FT.	DAMPING RESISTOR <i>360</i>	PATTERN LGTH. FT.	DIST. BETWEEN HOLES	DELAY TOP TO BOTTOM	DISTANCE BETWEEN SHOT POINTS FT.	UPHOLE OFFSET FT.	GAIN TYPE <input checked="" type="checkbox"/> ASC <input type="checkbox"/> PBC <input type="checkbox"/> SASC <input type="checkbox"/> BINARY
LEAVE FIELD	ARRIVE TOWN	PARTY LOCATION <i>Williams - N.D.</i>		CO. STATE	PRECIP.	VEGETATION	BPI <i>1600</i>	FORMAT <i>Seq B</i>	TYPE BASE <i>Spike</i>	CONNECTION SERIES PARALLEL <input checked="" type="checkbox"/>	CONNECTION SERIES PARALLEL <input checked="" type="checkbox"/>	LOCATION ACROSS STA. <input type="checkbox"/>	BETWEEN STA. <input type="checkbox"/>	ARRANGEMENT <input checked="" type="checkbox"/> INLINE <input type="checkbox"/> PATTERN <input type="checkbox"/> NORMAL TO LINE <input type="checkbox"/>	OFFSET DIRECTION GAP FT.	ALIAS FILTER TYPE / FREQ	FIRST BREAK POLARITY <input type="checkbox"/> DOWN <input checked="" type="checkbox"/> UP
SHOW TRACE NO'S, S. P. LOCATION, SHOTS, DISTANCES, DIRECTION				FILTER SETTING		LOW CUT HZ	H. CUT HZ <i>64</i>	SLOPE CAB/OCTAVE LC	HC <i>72</i>	NOTCH IN <i>JN</i>	GAIN INITIAL <i>3600</i>		FINAL <i>2400</i>	IB TRACE <i>1</i>	UH TRACE <i>2</i>	FILE TRACE <i>4</i>	UH CHECK <i>3</i>

SPREAD-12-SLAVE - R906

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE			TRACE POSITION				CDP Switch	Truck Pos.	U.H. TIME	OFFSET FEET DEGREES	REMARKS <small>DETAIL ANY CHANGE FROM NORMAL CONDITIONS NOTED ABOVE</small>	
		SHOT POINT NUMBER	SHOT FOR DIRECTION TO NO. 1	SHOT (A,B,C)	TOTAL CHARGE	DEPTH TOP BOT.	REEL NUMBER	SEQUENCE/FILE NUMBER	PARITY ERRORS	TR1	TR60	TR61						TR120
		<i>Noise Test</i>				<i>128</i>	<i>109</i>	<i>1383</i>	<i>1442</i>	<i>1443</i>	<i>1502</i>	<i>37</i>	<i>1442</i>	<i>1443</i>				<i>FW 900-All-ones STA 1499-1500</i> <i>VOID FN 108</i>
<i>7</i>	<i>2:00</i>	<i>1383</i>			<i>50% 115</i>	<i>140</i>	<i>110</i>	<i>1383</i>	<i>1442</i>	<i>1443</i>	<i>1502</i>	<i>37</i>			<i>55</i>	<i>55</i>		
		<i>Noise Test</i>					<i>111</i>	<i>1383</i>	<i>1442</i>	<i>1443</i>	<i>1502</i>	<i>37</i>						<i>5 sec. Noise Test</i>
<i>8</i>	<i>2:12</i>	<i>1443</i>			<i>50% 115</i>	<i>130/140</i>	<i>112</i>	<i>1383</i>	<i>1442</i>	<i>1443</i>	<i>1502</i>	<i>37</i>			<i>40</i>	<i>44</i>		
		<i>Noise Test</i>					<i>113</i>	<i>1383</i>	<i>1442</i>	<i>1443</i>	<i>1502</i>	<i>37</i>						<i>5 sec. Noise Test</i>
<i>9</i>	<i>2:22</i>	<i>1502</i>			<i>50 115</i>	<i>140</i>	<i>114</i>	<i>1383</i>	<i>1442</i>	<i>1443</i>	<i>1502</i>	<i>37</i>			<i>60</i>	<i>64</i>		
		<i>Noise Test</i>					<i>115</i>	<i>1383</i>	<i>1442</i>	<i>1443</i>	<i>1502</i>	<i>37</i>						<i>5 sec Noise Test</i>
<i>(1 TAPC)</i>																		

RELIABLE EXPLORATION Inc.

PROJECT/PROSPECT <i>Williston II</i>		NUMBER	LINE <i>ND-2</i>	RECORDING	OBSERVER'S	REPORT
DATE & TRAVEL TIME		IDENTIFICATION		ENVIRONMENT	INSTRUMENTS	GEOPHONES
MONTH <i>10</i>	DAY <i>18</i>	YEAR <i>92</i>	CLIENT <i>Co Corp</i>	TEMP.	TERRAIN	TYPE INST. <i>DF5 II</i>
LEAVE TOWN <i>7:00</i>	ARRIVE FIELD <i>7:15</i>	PARTY <i>384</i>	REC. TRUCK <i>R906</i>	OBSERVER <i>D. Wick</i>	WIND	TYPE SURFACE
LEAVE FIELD	ARRIVE TOWN	PARTY LOCATION <i>Williams - N.D.</i>		CO. STATE	NO. TRACKS <i>9</i>	RECORD LGTH. <i>60</i>
SHOW TRACE NO'S, S.P. LOCATION, GAPS, DISTANCES, DIRECTION		FILTER SETTING		LOW CUT HZ <i>04T</i>	H. CUT HZ <i>64</i>	SLOPE CAB/OCTAVE LC <i>-</i> HC <i>72</i>
<i>SPREAD TC - MASTER - 7906</i>		NO. OF STRINGS <i>2</i>		PATTERN WIDTH <i>360</i>	NO. OF HOLES PER SHOT	MULTIPLE CHARGE
DISTANCE BETWEEN GROUP STATIONS		DISTANCE BETWEEN SHOT POINTS		UPHOLE OFFSET <i>57</i>	GAIN TYPE <input checked="" type="checkbox"/> ASC <input type="checkbox"/> PGC <input type="checkbox"/> GASC	ENERGY SOURCE <i>Dyn.</i>
ARRANGEMENT <input checked="" type="checkbox"/> INLINE <input type="checkbox"/> PATTERN <input type="checkbox"/> NORMAL TO LINE		OFFSET DIRECTION GAP		ALIAS FILTER TYPE / FREQ <i>12E</i>	FIRST BREAK POLARITY <input type="checkbox"/> DOWN <input checked="" type="checkbox"/> UP	
IB TRACE <i>1</i>		UH TRACE <i>2</i>		FILE TRACE <i>4</i>	UH CHECK <i>3</i>	

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE				TRACE POSITION		CDP Switch	Truck Pos.	U.H. TIME	Direct	OFFSET	REMARKS		
		SHOT POINT NUMBER	SHOT FOR DIRECTION TO NO. 1	SHOT (A,B,C)	TOTAL CHARGE	DEPTH TOP	DEPTH BOT.	REEL NUMBER	SEQUENCE/FILE NUMBER	PARITY ERRORS	TR 1							TR 60	TR 61
		Noise Test				126	89	1383	1442	1443	1502	37	1442/1443						
1	8:40	1154			50 ¹²	115	140	90	1383	1442	1443	1502	37		56	58		Daily Test VOID FN 88 5 sec - Highway Sta 1500 Car on line 142 FN 901 - DRD - 20.48 mV FN 902 - DRD - 80 uV	
		Noise Test					92	1383	1442	1443	1502	37						FN 91 = Void - 5 sec Noise Test FN 903 - DRD - 5 uV	
2	8:52	1209			50 ¹²	115	140	93	1383	1442	1443	1502	37		40	46		FN 904 - Converter Noise FN 905 - Exp. Osc. 8 sec	
		Noise Test					95	1383	1442	1443	1502	37						VOID FN 94	
3	9:00	1255			50	115	140	96	1383	1442	1443	1502	37		55	57		checking 1484 noisy FN 906 Pulse Test	
		Noise Test					97	1383	1442	1443	1502	37							sta 1484 phone out (fixed)
		Noise Test				127	101	1383	1442	1443	1502	37							5 sec Noise Test - void FN. 98-99-100
4	11:07	1292			50 ¹²	115	140	102	1383	1442	1443	1502	37		60	60		(weak energy) 5 sec. Noise Test	
		Noise Test					103	1383	1442	1443	1502	37							
5	11:20	1323			50 ¹²	115	140	104	1383	1442	1443	1502	37		51	60		(weak energy) 5 sec Noise Test	
		Noise Test					105	1383	1442	1443	1502	37							
6	11:32	1382			50	115	140	106	1383	1442	1443	1502	37		50	60		5 sec Noise Test	
		Noise Test					107	1383	1442	1443	1502	37							

2 Tapes
1 Roll Paper

RELIABLE EXPLORATION Inc.

PROJECT/PROSPECT <i>Williston II</i>				NUMBER		LINE <i>N.D-2-92</i>		RECORDING	OBSERVER'S	REPORT																	
DATE & TRAVEL TIME			IDENTIFICATION			ENVIRONMENT		INSTRUMENTS		GEOPHONES		S. P. PATTERN		SPREAD		PAGE 4 OF											
MONTH <i>10</i>	DAY <i>18</i>	YEAR <i>92</i>	CLIENT <i>COCORP</i>			TEMP.	TERRAIN <i>Hills</i>	TYPE INST <i>DFSV</i>	SAMPLE RATE <i>4</i>	TYPE <i>L-21A</i>	NO./STRING <i>9</i>	NO. OF STRINGS <i>1</i>	PATTERN WIDTH <i>INLINE FT.</i>	NO. OF HOLES PER SHOT	MULTIPLE CHARGE <input type="checkbox"/>	DISTANCE BETWEEN GROUP STATIONS <i>165 FT.</i>		SUBSURFACE STACK	ENERGY SOURCE <i>DYNAMITE</i>								
LEAVE TOWN		ARRIVE FIELD		PARTY	REC. TRUCK	OBSERVER	WIND	TYPE SURFACE <i>ROCK AND GRASS</i>	NO. TRACKS <i>9</i>	RECORD LGTH. <i>60 SEC.</i>	FREQUENCY <i>10 HZ</i>	SEPARATION <i>15 FT.</i>	DAMPING RESISTOR <i>360R</i>	PATTERN LGTH. <i>120 FT.</i>	DIST. BETWEEN HOLES	DELAY TOP TO BOTTOM	DISTANCE BETWEEN SHOT POINTS		UPHOLE OFFSET <i>5'</i>	GAIN TYPE <input checked="" type="checkbox"/> AGC <input type="checkbox"/> PBC <input type="checkbox"/> GAGC	FIXED <input type="checkbox"/> BINARY						
LEAVE FIELD		ARRIVE TOWN		PARTY LOCATION <i>Williston N.D.</i>		CO. STATE	PRECIP.	VEGETATION	BPI <i>1600</i>	FORMAT <i>SEG B</i>	TYPE BASE <i>spike</i>	CONNECTION SERIES PARALLEL <input checked="" type="checkbox"/>	CONNECTION SERIES PARALLEL <input type="checkbox"/>	LOCATION ACROSS STA. BETWEEN STA. <input checked="" type="checkbox"/>	ARRANGEMENT INLINE <input type="checkbox"/> PATTERN <input type="checkbox"/> NORMAL TO LINE <input type="checkbox"/>	OFFSET DIRECTION GAP	DISTANCE BETWEEN SHOT POINTS		ALIAS FILTER TYPE / FREQ	FIRST BREAK POLARITY <input type="checkbox"/> DOWN <input checked="" type="checkbox"/> UP							
SHOW TRACE NO'S, S. P. LOCATION, GAPS + DISTANCES, DIRECTION:												FILTER SETTING		LOW CUT Hz <i>OUT</i>	H. CUT Hz <i>64</i>	SLOPE CAB/OCTAVE LC <i>18</i> HC <i>72</i>	NOTCH IN <i>1M</i>	INITIAL GAIN <i>36</i>	FINAL GAIN <i>IFP</i>	IB TRACE		UH TRACE		FILE TRACE		UH CHECK	

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE			TRACE POSITION					L U.H. R TIME E	OFFSET FEET DEGREES	REMARKS DETAIL ANY CHANGE FROM NORMAL CONDITIONS NOTED ABOVE			
		SHOT POINT NUMBER	SHOT FOR	DIRECTION TO NO. 1	SHOT (A,B,C)	TOTAL CHARGE	DEPTH TOP	DEPTH BOT.	REEL NUMBER	SEQUENCE FILE NUMBER	PARITY ERRORS	1	60				61	120	GDP Switch
1	8:40	1154	A	N	5 SEC NOISE STRIP	100	115	140	526	088		1143	1202	1203	1262	13	1202/1203	-	VOID FILE# 088
										090		"	"	"	"	"			SP 1154 2X 50 115/140
2	8:52	1209	B		5 SEC NOISE STRIP	100	115	140		092		"	"	"	"	"			VOID FILE# 091
										093		"	"	"	"	"			SP 1209 2X 50 115/140
3	9:00	1255	B		5 SEC NOISE STRIP	50	115	140		095		"	"	"	"	"			VOID FILE# 094
										096		"	"	"	"	"			SP 1255 B 1X 50 115/140
					5 SEC NOISE STRIP	526				097		1143	1202	1203	1262	13	1202/1203	-	
4	1:59	1383	A		5 SEC NOISE STRIP	100	115	140	528	109		1743	1802	1803	1836	9	1806/1807	-	RECORDER MOVE UP VOID FILE# 108
										110		"	"	"	"	"			Sta. 1750 - DEAD SPREAD IS 94 STA. 1743 TO 1836
					5 SEC NOISE STRIP					111		"	"	"	"	"			SP 1383 A 2X 50 115/140
5	2:12	1443	A		5 SEC NOISE STRIP	100	115	140		112		"	"	"	"	"			SP 1443 A 2X 50 115/140
					5 SEC NOISE STRIP					113		"	"	"	"	"			
6	2:22	1502	A		5 SEC NOISE STRIP	50	115	140		114		"	"	"	"	"			
										115		1743	1802	1803	1836	9			

2 TAPES

RELIABLE EXPLORATION Inc.

Recorder 3 - Slave System

DATE & TRAVEL TIME			IDENTIFICATION			ENVIRONMENT		INSTRUMENTS		GEOPHONES			S. P. PATTERN		SPREAD		OBSERVER'S REPORT			
MONTH	DAY	YEAR	CLIENT	TEMP.	TERRAIN	TYPE INST.	SAMPLE RATE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	NO. OF HOLES PER SHOT	MULTIPLE CHARGE	DISTANCE BETWEEN GROUP STATIONS	SUBSURFACE STACK	ENERGY SOURCE	PAGE 5 OF			
10	17	92	CO CORP	33°F	gently rolling	DFS V	2ms	Mark L21A	9	1	inline FT.	1	<input type="checkbox"/>	165 FT.		dynamite				
LEAVE TOWN	ARRIVE FIELD	PARTY	REC. TRUCK	OBSERVER	WIND	TYPE SURFACE	NO TRACKS	RECORD LGTH.	FREQUENCY	SEPARATION	DAMPING RESISTOR	PATTERN LGTH.	DIST. BETWEEN HOLES	DELAY TOP TO BOTTOM	DISTANCE BETWEEN SHOT POINTS	UPHOLE OFFSET	GAIN TYPE	FIXED		
		3	R804	Calonge	0-3mph	sandy clay	9	60 SEC.	10 HZ	12 FT.	360	110 FT.			varies FT.	5'	<input checked="" type="checkbox"/> ABC	<input type="checkbox"/> PBC	<input type="checkbox"/> GBC	
LEAVE FIELD	ARRIVE TOWN	PARTY LOCATION		CO. STATE	PRECIP.	VEGETATION	BPI	FORMAT	TYPE BASE	CONNECTION SERIES PARALLEL	CONNECTION SERIES PARALLEL	LOCATION ACROSS STA.	ARRANGEMENT	OFFSET DIRECTION	FT.	ALIAS FILTER TYPE / FREQ	FIRST BREAK	POLARITY		
		Williams Co., ND		ND	patches of snow	grass & stubble	1600PE	SEGB	Spike	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> INLINE	<input type="checkbox"/> NORMAL TO LINE	none FT.	64Hz		<input type="checkbox"/> DOWN	<input checked="" type="checkbox"/> UP	
SHOW TRACE NO'S, S. P. LOCATION, GAPS + DISTANCES, DIRECTION:					FILTER SETTING			LOW CUT HZ	H. CUT HZ	SLOPE CAB/OCTAVE		NOTCH IN	GAIN		IB TRACE	UH TRACE				
Recording Spread 11								Out	64	-		72	1n	INITIAL 36dB	FINAL 1FD	FILE TRACE	UH CHECK			

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE			TRACE POSITION					U.M. TIME	OFFSET	REMARKS			
		SHOT POINT NUMBER	SHOT FOR	DIRECTION TO NO. 1	SHOT (A,B,C)	TOTAL CHARGE	DEPTH TOP	DEPTH BOT.	REEL NUMBER	SEQUENCE FILE NUMBER	PARTY	1	24				25	48	CDP Switch
(1) 7		noise strip				-	-	-	324	074	0	1263	1322	1323	1382	009	1350		Recording Spread 11, shooting spread 8 VOID FILE 072
8	10:00	918			A	50	130	155	075	0	1263	1322	1323	1382	009	044	047	Sta. 1274, 1300, 1304 and 1330 dead	
9		noise strip				-	-	-	076	0	1263	1322	1323	1382	009	-	-		
10	11:12	994			A	2x 50	115	140	077	0	1263	1322	1323	1382	009	044		Sta. 1304 dead no direct UH	
11		noise strip				-	-	-	078	0	1263	1322	1323	1382	009	-	-		
12	11:27	1022			B	50	115	140	079	0	1263	1322	1323	1382	009	040	.038	several vehicles running on south side of spread	
13		noise strip				-	-	-	080	0	1263	1322	1323	1382	009	-	-	EOF reel 324	
14		noise strip				-	-	-	325	081	0	1263	1322	1323	1382	009	-	-	Recording spread 11, shooting spread 9 First file Reel 325 is 900, 3 sec all ones
15	13:17	1029			A	2x 50	115	140	082	0	1263	1322	1323	1382	009	040	.038	Vehicle on north side of spread near sta 1298	
16		noise strip				-	-	-	083	0	1263	1322	1323	1382	009	-	-		
17	13:29	1083			A	2x 50	115	140	084	0	1263	1322	1323	1382	009	065	060	Vehicle traffic on entire spread	
18		noise strip				-	-	-	085	0	1263	1322	1323	1382	009	-	-		
19	13:41	1096			A	50	115	140	086	0	1263	1322	1323	1382	009	060	.055		
20		noise strip				-	-	-	087	0	1263	1322	1323	1382	009	-	-	EOF reel 325	

RELIABLE EXPLORATION Inc.

PROJECT/PROSPECT Williston II		NUMBER		LINE ND-2		RECORDING		OBSERVER'S		REPORT											
DATE & TRAVEL TIME			IDENTIFICATION			ENVIRONMENT		INSTRUMENTS			GEOPHONES			S. P. PATTERN		SPREAD		PAGE 3 OF			
MONTH	DAY	YEAR	CLIENT			TEMP.	TERRAIN	TYPE INST.	SAMPLE RATE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	NO. OF HOLES PER SHOT	MULTIPLE CHARGE	DISTANCE BETWEEN GROUP STATIONS		SUBSURFACE STACK	ENERGY SOURCE		
10	17	92	COCORD				ROADS	DFSV	4	L-21-A	9	1	INLINE FT.		<input type="checkbox"/>	165 FT.			DYNAMITE		
LEAVE TOWN		ARRIVE FIELD	PARTY	REC. TRUCK	OBSERVER	WIND	TYPE SURFACE	NO. TRACKS	RECORD LGTH.	FREQUENCY	SEPARATION	DAMPING RESISTOR	PATTERN LGTH.	DIST. BETWEEN HOLES	DELAY TOP TO BOTTOM	DISTANCE BETWEEN SHOT POINTS		UPHOLE OFFSET	GAIN TYPE		
7:05				R803-5	J. BROWN			9	60 SEC.	10 HZ	15 FT.	3602	FT.			FT.		5'	<input checked="" type="checkbox"/> AGC <input type="checkbox"/> PBC <input type="checkbox"/> GASC <input type="checkbox"/> BINARY		
LEAVE FIELD		ARRIVE TOWN	PARTY LOCATION		CO. - STATE	PRECIP.	VEGETATION	BPI	FORMAT	TYPE BASE	CONNECTION SERIES PARALLEL	CONNECTION SERIES PARALLEL	LOCATION ACROSS STA. BETWEEN STA.	ARRANGEMENT		OFFSET DIRECTION GAP	FT.	ALIAS FILTER TYPE / FREQ	FIRST BREAK POLARITY		
			Williston		ND.			1600	SEG B	SAKE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> INLINE <input type="checkbox"/> PATTERN <input type="checkbox"/> NORMAL TO LINE		FT.		<input type="checkbox"/> DOWN <input checked="" type="checkbox"/> UP			
SHOW TRACE NO'S, S. P. LOCATION, GAPS + DISTANCES, DIRECTION:										FILTER SETTING		LOW CUT Hz	H. CUT Hz	SLOPE CAB/OCTAVE		NOTCH IN	GAIN		IB TRACE	UH TRACE	
Williston N.D.												OUT	64	LC	HC	IN	INITIAL	FINAL	FILE TRACE	UH CHECK	
														18	72		36	IFP			

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE			TRACE POSITION					L	U.H.	R	OFFSET	REMARKS			
		SHOT POINT NUMBER	SHOT FOR	DIRECTION TO NO. 1	SHOT (A,B,C)	TOTAL CHARGE	DEPTH TOP	DEPTH BOT.	REEL NUMBER	SEQUENCE/FILE NUMBER	PARITY ERRORS	1	60						61	120	CDP Switch
1	9:05	783	N		5 SEC NOISE STRIP	100	130	180	523	066		1143	1202	1203	1262	13	1202/1203	-	-		SP 783 1X100 ¹³⁰ / ₁₈₀ STA. 1143-1204-1241 DEAD
					5 SEC NOISE STRIP	100	130	180		067		"	"	"	"	"		65	63		*Lost some of shot had inputs unhook
2	9:12	843			5 SEC NOISE STRIP	100	130	180		068		"	"	"	"	"		-	-		Lots of Hunter driving on line
					5 SEC NOISE STRIP	100	130	180		069		"	"	"	"	"		60	64		SP 843 1X100 ¹³⁰ / ₁₈₀
3	9:20	864			5 SEC NOISE STRIP	50	115	140		070		"	"	"	"	"		-	-		
					5 SEC NOISE STRIP	50	115	140	523	071		"	"	"	"	"		36	40		SP 864 1X50 ¹¹⁵ / ₁₄₀
					5 SEC NOISE STRIP	50	115	140	523	072		"	"	"	"	"		-	-		END OF REEL # 523
4	10:00	918			5 SEC NOISE STRIP	50	130	155	524	074		"	"	"	"	"		-	-		Sta. 1143-1204-1241 fixed VOID FILE # 073
					5 SEC NOISE STRIP	50	130	155		075		"	"	"	"	"		44	47		SP 918 1X50 ¹³⁰ / ₁₅₅ traffic noise Sta. 1188-1210
5	11:12	994			5 SEC NOISE STRIP	100	115	140		076		"	"	"	"	"		-	-		Sta. 1214 went shorted on SP 918 + 994 1241 went dead
					5 SEC NOISE STRIP	100	115	140		077		"	"	"	"	"		-	44		SP 994 2X50 ¹¹⁵ / ₁₄₀
					5 SEC NOISE STRIP	50	115	140		078		"	"	"	"	"		-	-		
6	11:27	1022			5 SEC. NOISE STRIP	50	115	140	524	079		"	"	"	"	"		40	38		
					5 SEC NOISE STRIP	50	115	140	524	080		"	"	"	"	"		-	-		END OF REEL # 524 Sta. 1214 - 1241 fixed
					5 SEC NOISE STRIP	50	115	140	525	081		"	"	"	"	"		-	-		
7	1:17	1023			5 SEC. NOISE STRIP	100	115	140		082		"	"	"	"	"		40	38		SP 1023 2X50 ¹¹⁵ / ₁₄₀
					5 SEC. NOISE STRIP	100	115	140		083		"	"	"	"	"		-	-		
8	1:29	1083			5 SEC. NOISE STRIP	100	115	140		084		"	"	"	"	"		65	60		SP 1083 2X50 ¹¹⁵ / ₁₄₀
					5 SEC NOISE STRIP	50	115	140		085		"	"	"	"	"		-	-		
9	1:41	1096			5 SEC NOISE STRIP	50	115	140		086		"	"	"	"	"		60	55		SP 1096 1X50 ¹¹⁵ / ₁₄₀ traffic on spread
					5 SEC NOISE STRIP	50	115	140	525	087		1143	1202	1203	1262	13	1202/1203	-	-		END OF REEL # 525

3 TAPES

RELIABLE EXPLORATION Inc.

RECORDER # 4

PROJECT/PROSPECT WILLESTON 11		NUMBER	LINE ND-2	RECORDING	OBSERVER'S	REPORT
DATE & TRAVEL TIME		ENVIRONMENT	INSTRUMENTS	GEOPHONES		S. P. PATTERN
MONTH 10	DAY 17	YEAR 92	CLIENT COCORP	TEMP. 20°F	TERRAIN HILLS	TYPE INST. DFSX
LEAVE TOWN	ARRIVE FIELD	PARTY 3	REC. TRUCK 3137	OBSERVER ROGERS	WIND 0-5	TYPE SURFACE SAND
LEAVE FIELD	ARRIVE TOWN	PARTY LOCATION DIVIDE	CO. STATE N.D	PRECIP. NONE	VEGETATION GRASS	BPI 1600
SHOW TRACE NO'S, S.P. LOCATION, GAPS + DISTANCES, DIRECTION:		NO TRACKS 9	RECORD LGTH. 60 SEC.	FREQUENCY HZ	SEPARATION FT.	DAMPING RESISTOR
FILTER SETTING		LOW CUT Hz 04T	H. CUT Hz 64	CONNECTION SERIES PARALLEL LC	CONNECTION SERIES PARALLEL HC	LOCATION ACROSS STA. NOTCH IN
				ARRANGEMENT INLINE INITIAL	ARRANGEMENT PATTERN FINAL	IB TRACE
						UH TRACE
						FILE TRACE
						UH CHECK

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE		TRACE POSITION					U.H. TIME	OFFSET FEET DEGREES	REMARKS	
		SHOT POINT NUMBER	SHOT FOR DIRECTION TO NO. 1	SHOT (A, B, C)	TOTAL CHARGE	DEPTH TOP BOT.	REEL NUMBER	SEQUENCE/FILE NUMBER	PARITY ERRORS	1	24 48	25 49				48 96
WIND STRIP	9:05	783			100#	130 180	423	66	903			1022	61	962/963		REEL 423 ON
							67	903				1022	61		58-65	DAILY TEST FILE'S 901-906
WIND STRIP	9:12	843			100#	130 180	68	903				1022	61			DEAD STATIONS 911 + 934
							69	903				1022	61		54-50	DEAD STATIONS 911 + 934
WIND STRIP	9:20	864			50#	115 140	70	903				1022	61			DEAD STATIONS 911 + 934
							71	903				1022	61		40-36	DEAD STATIONS 911 + 934
WIND STRIP	11:00	918			100#	130 180	423	72	903			1022	61			REEL 423 OFF
							75	903				1022	61		47-44	REEL 424 ON
WIND STRIP							76	903				1022	61			VOID FILE 73
WIND STRIP	11:12	994			100#	115 140	77	903				1022	61		44-BAD	2 HOLES 50# EACH
							78	903				1022	61			
WIND STRIP	11:27	1022			50#	115 140	79	903				1022	61		38-40	
							80	903				1022	61			REEL 424 OFF

RELIABLE EXPLORATION Inc.

PROJECT/PROSPECT <i>Williston II</i>		NUMBER	LINE <i>ND-2</i>	RECORDING	OBSERVER'S	REPORT												
DATE & TRAVEL TIME		IDENTIFICATION		ENVIRONMENT	INSTRUMENTS		GEOPHONES			S. P. PATTERN		SPREAD	PAGE 4 OF					
MONTH <i>10</i>	DAY <i>17</i>	YEAR <i>92</i>	CLIENT <i>Co Corp</i>	TEMP.	TERRAIN	TYPE INST. <i>DFS-II</i>	SAMPLE RATE <i>4</i>	TYPE <i>L-21-A</i>	NO./STRING <i>9</i>	NO. OF STRINGS <i>2</i>	PATTERN WIDTH FT.	NO. OF HOLES PER SHOT	MULTIPLE CHARGE	DISTANCE BETWEEN GROUP STATIONS FT.	SUBSURFACE STACK	ENERGY SOURCE <i>Dyn</i>		
LEAVE TOWN <i>7:00</i>	ARRIVE FIELD <i>7:40</i>	PARTY	REC. TRUCK <i>R506</i>	OBSERVER <i>D. Wick</i>	WIND	TYPE SURFACE	NO TRACKS <i>9</i>	RECORD LGTH. <i>60</i> SEC.	FREQUENCY <i>10</i> HZ	SEPARATION <i>15</i> FT.	DAMPING RESISTOR <i>360-Ω</i>	PATTERN LGTH. FT.	DIST. BETWEEN HOLES	DELAY TOP TO BOTTOM	DISTANCE BETWEEN SHOT POINTS FT.	UPHOLE OFFSET FT.	GAIN TYPE <input checked="" type="checkbox"/> AGC <input type="checkbox"/> PBC <input type="checkbox"/> GASC	
LEAVE FIELD	ARRIVE TOWN	PARTY LOCATION <i>Divide/Williams N.D.</i>		CO. STATE	PRECIP.	VEGETATION	BPI <i>1600</i>	FORMAT <i>5495</i>	TYPE BASE <i>SPICE</i>	CONNECTION SERIES PARALLEL	CONNECTION SERIES PARALLEL	LOCATION ACROSS STA. <input type="checkbox"/>	LOCATION BETWEEN STA. <input type="checkbox"/>	ARRANGEMENT INLINE <input checked="" type="checkbox"/>	ARRANGEMENT NORMAL TO LINE <input type="checkbox"/>	OFFSET DIRECTION GAP FT.	ALIAS FILTER TYPE / FREQ	FIRST BREAK POLARITY <input type="checkbox"/> DOWN <input checked="" type="checkbox"/> UP
SHOW TRACE NO'S, S.P. LOCATION, GAPS + DISTANCES, DIRECTION				FILTER SETTING		LOW CUT HZ	H. CUT HZ <i>64</i>	SLOPE CAB/OCTAVE LC <i>-</i> HC <i>72</i>		NOTCH IN <i>IN</i>	GAIN INITIAL		FINAL	IB TRACE <i>1</i>	UH TRACE <i>2</i>	FILE TRACE <i>4</i>	UH CHECK <i>3</i>	

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE			TRACE POSITION				CDP Switch	Truck Pos.	U.H. TIME	OFFSET FEET	DEGREES	REMARKS	
		SHOT POINT NUMBER	SHOT FOR DIRECTION TO NO. 1	SHOT (A,B,C)	TOTAL CHARGE	DEPTH TOP	DEPTH BOT.	REEL NUMBER	SEQUENCE/FILE NUMBER	PARITY ERRORS	1	2							3
		Noise Test					123	66	783	842	843	982	27	853					Sta. 809 bad FN 901-DEP. 20.48m
1	9:05	783			100	130	180	67	783	842	843	902	27		68	65		Car on line 860 →	
		Noise Test						68	783	842	843	902	27					5 sec Noise Test - spread-7-	
2	9:12	813			100	130	180	69	783	842	843	902	27		64	66			
		Noise Test						70	783	842	843	902	27					5 sec Noise Test	
3	9:20	804			50	115	140	71	783	842	843	902	27		40	50			
		Noise Test						72	783	842	843	902	27						
		Noise Test																	
		Noise Test																	
		Noise Test																	
		Noise Test																	
		Noise Test																	
4	1:17	1023			115	140		82	1383	1442	1443	1502	37	1442	1442	38	90	(SP 2x50LB AT 140 BOT-) checking 1991 for noise	
		Noise Test						83	1383	1442	1443	1502	37						
5	1:29	1083			115	140		84	1383	1442	1443	1502	37		60	65		(2 Holes 50LB a piece - shot together) 5 sec Noise Test	
		Noise Test						85	1383	1442	1443	1502	37						
6	1:41	1096			50	115	140	86	1383	1442	1443	1502	37		55	60		5 sec Noise Test E.O.T	
		Noise Test						87	1383	1442	1443	1502	37						

(2 Tapes
1 Gallon Freon)

RELIABLE EXPLORATION Inc.

Recorder #3 - Slave System

PROJECT/PROSPECT <i>Williston II</i>		NUMBER	LINE <i>ND-2</i>	RECORDING	OBSERVER'S	REPORT														
DATE & TRAVEL TIME		IDENTIFICATION		ENVIRONMENT	INSTRUMENTS		GEOPHONES			S. P. PATTERN		SPREAD	PAGE 2 OF							
MONTH <i>10</i>	DAY <i>15</i>	YEAR <i>92</i>	CLIENT <i>CO CORP</i>		TEMP. <i>34°F</i>	TERRAIN <i>gently rolling</i>	TYPE INST. <i>DFSV</i>	SAMPLE RATE <i>4ms</i>	TYPE <i>L21A</i>	NO./STRING <i>9</i>	NO. OF STRINGS <i>1</i>	PATTERN WIDTH <i>inline FT.</i>	NO. OF HOLES PER SHOT <i>VARIES</i>	MULTIPLE CHARGE <input type="checkbox"/>	DISTANCE BETWEEN GROUP STATIONS <i>165 FT.</i>	SUBSURFACE STACK <i>Varies %</i>	ENERGY SOURCE <i>Dynamite</i>			
LEAVE TOWN	ARRIVE FIELD	PARTY <i>3</i>	REC. TRUCK <i>R804</i>	OBSERVER <i>Calonge</i>	WIND <i>gusty 5-10 mph</i>	TYPE SURFACE <i>Sandy clay</i>	NO TRACKS <i>9</i>	RECORD LGTH. <i>60 SEC.</i>	FREQUENCY <i>10 HZ</i>	SEPARATION <i>12 FT.</i>	DAMPING RESISTOR <i>360Ω</i>	PATTERN LGTH. <i>120 FT.</i>	DIST. BETWEEN HOLES	DELAY TOP TO BOTTOM	DISTANCE BETWEEN SHOT POINTS <i>VARIES FT.</i>	UPHOLE OFFSET <i>5'</i>	GAIN TYPE <input checked="" type="checkbox"/> AGC <input type="checkbox"/> PGC <input type="checkbox"/> GABC			
LEAVE FIELD	ARRIVE TOWN	PARTY LOCATION <i>Divide Co., ND</i>		CO. STATE	PRECIP. <i>2-3" SNOW</i>	VEGETATION <i>grass & stubble</i>	BPI <i>1600PE</i>	FORMAT <i>SEGB</i>	TYPE BASE <i>Spike</i>	CONNECTION SERIES PARALLEL <input checked="" type="checkbox"/>	CONNECTION SERIES PARALLEL <input type="checkbox"/>	LOCATION BETWEEN STA. <input checked="" type="checkbox"/>	ARRANGEMENT <input checked="" type="checkbox"/> INLINE <input type="checkbox"/> PATTERN <input type="checkbox"/> NORMAL TO LINE		OFFSET DIRECTION <i>none FT.</i>	ALIAS FILTER TYPE / FREQ	FIRST BREAK POLARITY <input type="checkbox"/> DOWN <input checked="" type="checkbox"/> UP			
SHOW TRACE NO'S, S.P. LOCATION, GAPS + DISTANCES, DIRECTION: <i>Recording Spread 6</i>					FILTER SETTING			LOW CUT HZ <i>out</i>	H. CUT HZ <i>64</i>	SLOPE CAB/OCTAVE LC HC <i>- 72</i>		NOTCH IN <i>9/1n</i>	GAIN INITIAL FINAL <i>36dB 1FP</i>		IB TRACE	UH TRACE				
															FILE TRACE			UH CHECK		

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE			TRACE POSITION					U.H. TIME	OFFSET	REMARKS				
		SHOT POINT NUMBER	SHOT FOR	DIRECTION TO NO. 1	SHOT (A,B,G)	TOTAL CHARGE	DEPTH TOP	DEPTH BOT.	REEL NUMBER	SEQUENCE/FILE NUMBER	PARITY ERRORS	1	24				25	48	CDP Switch	Truck Pos.
		noise strip				-	-	-	317	029	0	663	722	723	782	017	742/743	-	-	file 900-5 sec all ones
13		noise strip				-	-	-	317	029	0	663	722	723	782	017	742/743	-	-	Void file 028
14	4:33	384				100	130	180		030	0	663	722	723	782	017		044	042	Traffic on spread during shot Sta. 749 dead
15		noise strip				-	-	-		031	0	663	722	723	782	017		-	-	
16	4:37	401				100	130	180		032	0	663	722	723	782	017		040	040	Slash before first arrivals - vehicle crossed cable
17		noise strip				-	-	-		033	0	663	722	723	782	017		-	-	
18	4:46	445				100	130	180		034	0	663	722	723	782	017		042	040	
19		noise strip				-	-	-		035	0	663	722	723	782	017		-	-	noise test & EOF reel 317
20	change reels	noise strip				-	-	-	318	036	0	663	722	723	782	017		-	-	First file reel 318 file 900-5 sec all ones
21	4:55	460				50	115	140		037	0	663	722	723	782	017		047	042	

*4 tapes
1 roll paper*

RELIABLE EXPLORATION Inc.

PROJECT/PROSPECT Williston II				NUMBER		LINE ND-292		RECORDING	OBSERVER'S	REPORT										
DATE & TRAVEL TIME			IDENTIFICATION			ENVIRONMENT		INSTRUMENTS		GEOPHONES		S. P. PATTERN		SPREAD		PAGE 2 OF				
MONTH	DAY	YEAR	CLIENT			TEMP.	TERRAIN	TYPE INST.	SAMPLE RATE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	NO. OF HOLES PER SHOT	MULTIPLE CHARGE	DISTANCE BETWEEN GROUP STATIONS		SUBSURFACE STACK	ENERGY SOURCE	
10	15	92	COCORP			240	ROADS	DFSV	4	2-21 A	9	1	10/120 FT.		<input type="checkbox"/>	165 FT.			DYNAMITE	
LEAVE TOWN		ARRIVE FIELD	PARTY	REC. TRUCK	OBSERVER	WIND	TYPE SURFACE	NO. TRACKS	RECORD LGTH.	FREQUENCY	SEPARATION	DAMPING RESISTOR	PATTERN LGTH.	DIST. BETWEEN HOLES	DELAY TOP TO BOTTOM	DISTANCE BETWEEN SHOT POINTS		UPHOLE OFFSET	GAIN TYPE	
				R303	T. BROWN			9	60 SEC.	10 HZ	15 FT.		120 FT.					5'	<input checked="" type="checkbox"/> AGC <input type="checkbox"/> PGC <input type="checkbox"/> GAGC	
LEAVE FIELD		ARRIVE TOWN	PARTY LOCATION		CO. STATE	PRECIP.	VEGETATION	BPI	FORMAT	TYPE BASE	CONNECTION SERIES PARALLEL	CONNECTION SERIES PARALLEL	LOCATION ACROSS STA. BETWEEN STA.	ARRANGEMENT		OFFSET DIRECTION	FT.	ALIAS FILTER TYPE / FREQ	FIRST BREAK POLARITY	
			Williston		ND			1600	SSB	SPIKE	<input checked="" type="checkbox"/>	<input type="checkbox"/>		INLINE <input type="checkbox"/> PATTERN <input type="checkbox"/>					<input type="checkbox"/> DOWN <input checked="" type="checkbox"/> UP	
SHOW TRACE NO'S, S. P. LOCATION, GAPS + DISTANCES, DIRECTION:										FILTER SETTING		LOW CUT Hz	H. CUT Hz	SLOPE CAB/OCTAVE		NOTCH IN	GAIN		IB TRACE	UH TRACE
												out	64	18	72	15	36	JFP	FILE TRACE	UH CHECK

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE			TRACE POSITION					U.H. R TIME	OFFSET FEET DEGREES	REMARKS
		SHOT POINT NUMBER	SHOT FOR DIRECTION TO NO. 1	SHOT (A,B,C)	TOTAL CHARGE	DEPTH TOP BOT.	REEL NUMBER	SEQUENCE FILE NUMBER	PARITY ERRORS	1	60	65	70			
			N	5 SEC WIND STRIP	100 130 180	517	029		581	640	641	700	9	644/645	44 42	VOID FILE 028
	4:33	304					030		"	"	"	"	"			SP 304 1X100 139/80
				5 SEC WIND STRIP			031		"	"	"	"	"			
	4:37	401			100 130 180		032		"	"	"	"	"		40 40	SP 401 1X100 139/80
	4:37			5 SEC WIND STRIP			033		"	"	"	"	"			
	4:46	445B			100 130 180		034		"	"	"	"	"		42 40	SP 445B 1X100 139/80
				5 SEC WIND STRIP			035		"	"	"	"	"			END OF REE/ # 517
				5 SEC WIND STRIP		518	036		"	"	"	"	"			
	4:55	460B			50 115 140		037		"	"	"	"	"		47 42	
				5 SEC WIND STRIP			038		"	"	"	"	"			END OF REE/ # 518 END OF DAY

RELIABLE EXPLORATION Inc.

PROJECT/PROSPECT Williston II				NUMBER		LINE ND-2-92		RECORDING		OBSERVER'S REPORT											
DATE & TRAVEL TIME			IDENTIFICATION			ENVIRONMENT		INSTRUMENTS		GEOPHONES			S. P. PATTERN		SPREAD		PAGE 1 OF				
MONTH 10	DAY 15	YEAR 92	CLIENT COCORP			TEMP. 70	TERRAIN ROADS	TYPE INST. DFS V	SAMPLE RATE 4	TYPE L-21 A	NO. /STRING 9	NO. OF STRINGS 1	PATTERN WIDTH INLINE FT.	NO. OF HOLES PER SHOT	MULTIPLE CHARGE <input type="checkbox"/>	DISTANCE BETWEEN GROUP STATIONS 165 FT.		SUBSURFACE STACK	ENERGY SOURCE DYNAMITE		
LEAVE TOWN 7:05	ARRIVE FIELD 8:30	PARTY RSOJ	REC. TRUCK T-3200W	OBSERVER T-3200W	WIND 5-8	TYPE SURFACE	NO. TRACKS 9	RECORD LGTH. 60 SEC.	FREQUENCY 10 HZ	SEPARATION 15 FT.	DAMPING RESISTOR 360R	PATTERN LGTH. 120 FT.	DIST. BETWEEN HOLES	DELAY TOP TO BOTTOM	DISTANCE BETWEEN SHOT POINTS 5'		UPHOLE OFFSET	GAIN TYPE <input checked="" type="checkbox"/> AGC <input type="checkbox"/> PBC <input type="checkbox"/> GAGC <input type="checkbox"/> BINARY	FIXED <input type="checkbox"/> DOWN <input checked="" type="checkbox"/> UP		
LEAVE FIELD	ARRIVE TOWN	PARTY LOCATION Williston N.D.		CO. STATE	PRECIP. 0	VEGETATION	B.P.I. 1600	FORMAT SES D	TYPE BASE SPKE	CONNECTION SERIES PARALLEL <input checked="" type="checkbox"/>	CONNECTION SERIES PARALLEL <input type="checkbox"/>	LOCATION ACROSS STA. BETWEEN STA. <input checked="" type="checkbox"/>	ARRANGEMENT INLINE <input type="checkbox"/> PATTERN <input type="checkbox"/> NORMAL TO LINE <input type="checkbox"/>	OFFSET DIRECTION GAP	FT.	ALIAS FILTER TYPE / FREQ	FIRST BREAK POLARITY				
SHOW TRACE NO'S, S.P. LOCATION, GAPS + DISTANCES, DIRECTION:					FILTER SETTING		LOW CUT Hz out	H. CUT Hz 66	SLOPE CAB/OCTAVE LC 10	HC 72	NOTCH IN 1N	GAIN INITIAL 36	FINAL IFP	IB TRACE		UH TRACE		FILE TRACE		UH CHECK	

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE			TRACE POSITION					L U.H. R LINE TIME A D E	OFFSET FEET DEGREES	REMARKS DETAIL ANY CHANGE FROM NORMAL CONDITIONS NOTED ABOVE		
		SHOT POINT NUMBER	SHOT FOR	DIRECTION TO NO. 1	SHOT (A,B,C)	TOTAL CHARGE	DEPTH TOP BOT.	REEL NUMBER	SEQUENCE FILE NUMBER	PARITY ERRORS	1	60	61				120	CDP Switch
	11:21	102A	N	S SEC wind strip	100	100 150	514	002		581	640	641	700	9	644/645	40 35		STA. 663-700 called SPREAD A 900-906 DRILL TEST
				S SEC wind strip	100	130 150		003		"	"	"	"	"				VOID FILE# 001 SP 102A 1X100 100/150 STA 627-690 SHORTED
	11:28	102B		S SEC wind strip	100	130 150		004		"	"	"	"	"		39 32		SP 102B 1X100 130/150 STA. 627-690 SHORTED
				S SEC wind strip	100	130 150		005		"	"	"	"	"				VOID FILE# 006
	11:44	161A		S SEC wind strip	100	130 150		007		"	"	"	"	"		41 40		END OF REEL# 514 NO FILE# 009
				S SEC wind strip	100	130 150	515	011		"	"	"	"	"				VOID FILES # 010 - STA. 627-690 FIXED
	12:30	161B		S SEC wind strip	100	130 150		012		"	"	"	"	"		40 40		SP 161B 1X100 130/150 RECORDER RUNNING STA. 645
				S SEC wind strip	50	115 140		015		"	"	"	"	"				VOID FILES 013-014
	12:58	221A		S SEC wind strip	50	115 140		016		"	"	"	"	"		40 44		SP 221A 1X 50 115/140
				S SEC wind strip	50	115 140		017		"	"	"	"	"				END OF REEL# 515
				S SEC wind strip	50	115 140	516			"	"	"	"	"				
	1:04	221B		S SEC wind strip	100	130 150		018		"	"	"	"	"		42 46		SP 221 B 1X 100 130/150
				S SEC wind strip	100	130 150		019		"	"	"	"	"				VOID FILE# 020
	1:18	282B		S SEC wind strip	100	130 150		021		"	"	"	"	"		38 38		VOID FILES 023-024
				S SEC wind strip	100	130 150		022		"	"	"	"	"				
	1:44	340		S SEC wind strip	50	115 140		025		"	"	"	"	"				VOID FILES 023-024
				S SEC wind strip	50	115 140		026		"	"	"	"	"		40 46		SP 340 1X 50 115/140
				S SEC wind strip	50	115 140	516	027		581	640	641	700	9	644/645			
END OF PAGE & END OF REEL# 516																		
5 TAPES 1 ROLL OF PAPER																		

RELIABLE EXPLORATION Inc.

RECORDER #1

PROJECT/PROSPECT		WILLISTON 11		NUMBER		LINE	ND-2	RECORDING	OBSERVER'S	REPORT											
DATE & TRAVEL TIME			IDENTIFICATION			ENVIRONMENT			INSTRUMENTS			GEOPHONES			S. P. PATTERN		SPREAD		PAGE 2 OF		
MONTH	DAY	YEAR	CLIENT			TEMP.	TERRAIN	TYPE INST.	SAMPLE RATE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	NO. OF HOLES PER SHOT	MULTIPLE CHARGE	DISTANCE BETWEEN GROUP STATIONS		SUBSURFACE STACK	ENERGY SOURCE		
10	15	92	CORCOR				Hills	DSV	4ms	L-2IA	9	1	0 FT.		<input type="checkbox"/>	165 FT.					
LEAVE TOWN		ARRIVE FIELD	PARTY	REC. TRUCK	OBSERVER	WIND	TYPE SURFACE	NO TRACKS	RECORD LGTH.	FREQUENCY	SEPARATION	DAMPING RESISTOR	PATTERN LGTH.	DIST. BETWEEN HOLES	DELAY TOP TO BOTTOM	DISTANCE BETWEEN SHOT POINTS		UPHOLE OFFSET	RAIN TYPE		
			3	3137	Royal		SAND	9	60 SEC	10 Hz	FT.	3600	120 FT.					5'	<input checked="" type="checkbox"/> AGC <input type="checkbox"/> PGC <input type="checkbox"/> GAGC <input checked="" type="checkbox"/> BINARY		
LEAVE FIELD		ARRIVE TOWN	PARTY LOCATION		CO. STATE	PRECIP.	VEGETATION	BPI	FORMAT	TYPE BASE	CONNECTION SERIES PARALLEL	CONNECTION SERIES PARALLEL	LOCATION ACROSS STA. BETWEEN STA.	ARRANGEMENT		OFFSET DIRECTION GAP		FT.	ALIAS FILTER TYPE / FREQ	FIRST BREAK POLARITY	
			DIVIDE		ND		GRASS	1600	SEGB	SPK	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> INLINE <input type="checkbox"/> PATTERN <input type="checkbox"/> NORMAL TO LINE				FT.	64	<input type="checkbox"/> DOWN <input type="checkbox"/> UP	
SHOW TRACE NO'S, S. P. LOCATION, GAPS + DISTANCES, DIRECTION:						FILTER SETTING			LOW CUT Hz	H. CUT Hz	SLOPE CAB/OCTAVE		NOTCH	GAIN		IB TRACE		UH TRACE		UH CHECK	
									OUT	64	LC HC		IN	INITIAL FINAL							

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE			TRACE POSITION					U.H. TIME	OFFSET		REMARKS	
		SHOT POINT NUMBER	SHOT FOR	DIRECTION TO NO. 1	SHOT (A,B,C)	TOTAL CHARGE	DEPTH TOP BOT.	REEL NUMBER	SEQUENCE FILE NUMBER	PARITY ERRORS	1	24 48	25 49		48 96 120	CDP Switch		Truck Pos.
		WIND STRIP					417	29		342			460		400/401			Reel 417 ON NOID FILE 28
9	4:33	384				100	130	180		30		342		460			44 42	
		WIND STRIP								31		342		460				
10	4:37	401				100	130	180		32		342		460			40 40	
		WIND STRIP								33		342		460				
11	4:46	445	B			100	130	180		34		342		460			42 40	
		WIND STRIP					417	35		342		460		460				Reel 417 OFF
12	4:00	455	B				418	37		342		460		460			47 42	Reel 418 OFF FILE 36 5 SEC WIND STRIP
		WIND STRIP						38		342		460		460				Reel 418 OFF

RELIABLE EXPLORATION Inc.

PROJECT/PROSPECT <i>Williston II</i>		NUMBER	LINE <i>ND-2</i>	RECORDING	OBSERVER'S	REPORT													
DATE & TRAVEL TIME		IDENTIFICATION		ENVIRONMENT	INSTRUMENTS		GEOPHONES			S. P. PATTERN		SPREAD	PAGE OF						
MONTH <i>10</i>	DAY <i>15</i>	YEAR <i>92</i>	CLIENT <i>Co Corp</i>	TEMP.	TERRAIN	TYPE INST. <i>DFS II</i>	SAMPLE RATE <i>4</i>	TYPE <i>L-21-A</i>	NO./STRING <i>9</i>	NO. OF STRINGS <i>1</i>	PATTERN WIDTH FT.	NO. OF HOLES PER SHOT	MULTIPLE CHARGE <input type="checkbox"/>	DISTANCE BETWEEN GROUP STATIONS <i>165'</i>	SUBSURFACE STACK	ENERGY SOURCE <i>SYN</i>			
LEAVE TOWN	ARRIVE FIELD	PARTY	REC. TRUCK <i>R906</i>	OBSERVER <i>A. Whick</i>	WIND	TYPE SURFACE	NO TRACKS <i>9</i>	RECORD LGTH. <i>60</i> SEC.	FREQUENCY <i>10</i> HZ	SEPARATION <i>15</i> FT.	DAMPING RESISTOR <i>360</i> Ω	PATTERN LGTH. FT.	DIST. BETWEEN HOLES	DELAY TOP TO BOTTOM	DISTANCE BETWEEN SHOT POINTS FT.	UPHOLE OFFSET	GAIN TYPE <input checked="" type="checkbox"/> AGC <input type="checkbox"/> BINARY	FIXED <input type="checkbox"/> PBC <input type="checkbox"/> GAGC	
LEAVE FIELD	ARRIVE TOWN	PARTY LOCATION <i>Divide</i>	CO. STATE <i>N.D.</i>	PRECIP.	VEGETATION	SPI <i>1600</i>	FORMAT <i>5c9B</i>	TYPE BASE <i>Spike</i>	CONNECTION SERIES PARALLEL <input checked="" type="checkbox"/>	CONNECTION SERIES PARALLEL <input checked="" type="checkbox"/>	LOCATION ACROSS STA. <input type="checkbox"/>	ARRANGEMENT INLINE <input checked="" type="checkbox"/>	PATTERN NORMAL TO LINE <input type="checkbox"/>	OFFSET DIRECTION GAP FT.	ALIAS FILTER TYPE / FREQ	FIRST BREAK POLARITY <input type="checkbox"/> DOWN <input checked="" type="checkbox"/> UP			
SHOW TRACE NO'S, S.P. LOCATION, MAPS + DISTANCES, DIRECTION <i>R906 - Spread 2 - SLAVE</i>				FILTER SETTING		LOW CUT HZ <i>out</i>	H. CUT HZ <i>64</i>	SLOPE CAB/OCTAVE LC - HC		NOTCH IN <i>IN</i>	GAIN INITIAL <i>36dB</i>		FINAL <i>84dB</i>	IB TRACE <i>1</i>	UH TRACE <i>2</i>	FILE TRACE <i>4</i>	UH CHECK <i>3</i>		

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE		TRACE POSITION				GDP Switch	Truck Pos.	U.H. TIME	OFFSET FEET	DEGREES	REMARKS			
		SHOT POINT NUMBER	SHOT FOR DIRECTION TO NO. 1	SHOT (A,B,C)	TOTAL CHARGE	DEPTH TOP	DEPTH BOT.	REEL NUMBER	SEQUENCE/FILE NUMBER	PARITY ERRORS	1							24	25	48
		Noise Test																		
1	11:21	102	A	100	100	150	114	2	221	280	281	340	49	268	269		5 sec Noise Test - void FN 1	FN 900 All ones		
		Noise Test						3	221	280	281	340	49				35	40	FN 901 - DRD - 20.48mV	
2	11:28	102	B	100	130	120		4	221	280	281	340	49						5 sec Noise Test	
		Noise Test						5	221	280	281	340	49							FN 902 - DRD - 80mV
		Noise Test						7	221	280	281	340	49							FN 903 - DRD - 5mV
3	11:44	161	A	100	130	180		8	221	280	281	340	49						void 6 - Noise Test 5secs.	
		Noise Test						9	221	280	281	340	49							FN 904 - Converter Noise
		Noise Test					114	9	221	280	281	340	49							wind at 8-10 mph
		Noise Test					115	11	221	280	281	340	49							FN 905 Exp. Osc.
4	12:30	161	B	100	130	180		12	221	280	281	340	49						End reel 114	
		Noise Test						15	221	280	281	340	49							5 sec Noise FN 906 - Pulse Test
5	12:54	221	A	50	115	140		16	221	280	281	340	49						void FN 10	
		Noise Test						17	221	280	281	340	49							Tests
		Noise Test						18	221	280	281	340	49							New Reel # 115 - FN 900 All ones
6	1:04	221	B	100	130	180		19	221	280	281	340	49						void FN 13 & 14 - 5 sec. Noise Tests.	
		Noise Test						21	221	280	281	340	49							END Reel 115 - 5 sec. Noise Tests.
7	1:18	282		50	115	140		22	221	280	281	340	49							
		Noise Test						25	221	280	281	340	49							New Reel # 116 - FN 900 All ones
8	1:44	340		50	115	140		26	221	280	281	340	49						5 sec. Noise Tests	
		Noise Test						27	221	280	281	340	49							void FN 20 - 5 sec. Noise Tests
		Noise Test						28	221	280	281	340	49							void FN 23 & 24
		Noise Test						29	221	280	281	340	49							15 sec. Noise Tests -

3 Tapes
1 Coll paper

RELIABLE EXPLORATION Inc.

PROJECT/PROSPECT <i>WILLISTON II</i>		NUMBER	LINE <i>NP-2</i>	RECORDING	OBSERVER'S	REPORT
DATE & TRAVEL TIME		IDENTIFICATION		ENVIRONMENT	INSTRUMENTS	GEOPHONES
MONTH <i>10</i>	DAY <i>16</i>	YEAR <i>92</i>	CLIENT <i>CO CORP</i>	TEMP <i>25°F</i>	TERRAIN <i>ROAD</i>	TYPE INST <i>DFSV</i>
LEAVE TOWN	ARRIVE FIELD	PARTY	REC. TRUCK <i>801</i>	OBSERVER <i>Stewart</i>	WIND <i>5 mph</i>	TYPE SURFACE <i>ROAD</i>
LEAVE FIELD	ARRIVE TOWN	PARTY LOCATION <i>WILLISTON DIVIDE ND</i>		CO. STATE	PRECIP. <i>SNOW</i>	VEGETATION
SHOW TRACE NO'S, S.P. LOCATION, GAPS + DISTANCES, DIRECTION:				FILTER SETTING		LOW CUT Hz <i>OUT</i>
						H. CUT Hz <i>64</i>
						SLOPE CAB/OCTAVE LC <i>72</i> HC
						NOTCH IN <i>IN</i>
						ARRANGEMENT INITIAL <i>36</i> FINAL
						IB TRACE
						UH TRACE
						FILE TRACE
						UH CHECK

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE		TRACE POSITION				U.H. TIME	OFFSET		REMARKS				
		SHOT POINT NUMBER	SHOT FOR	DIRECTION TO NO. 1	SHOT (A,B,C)	TOTAL CHARGE	DEPTH TOP BOT.	REEL NUMBER	SEQUENCE/FILE NUMBER	PARITY ERRORS	1		24	25		48	CDP Switch	Truck Pos.	FEET
							222												
							↓	59	1023	1082	1083	1142	38					BOR# 222 1ST FILE #900 ALL ONES	
4	1:40	688			100 130 180		60	1023	1082	1083	1142	38						5 SEC NOISE RECORD {VOID FILE#58}	
							61	1023	1082	1083	1142	38							TRACES 21 & 76 DEAD
5	1:53	723			100 130 180		62	1023	1082	1083	1142	38						5 SEC NOISE RECORD	
							63	1023	1082	1083	1142	38							5 SEC NOISE RECORD
6	2:05	782			50 115 140		64	1023	1082	1083	1142	38						5 SEC NOISE RECORD	
							65	1023	1082	1083	1142	38							FOR# 222
																			LAST SHOT OF DAY!

RELIABLE EXPLORATION Inc.

REORDER #4

PROJECT/PROSPECT Williston II		NUMBER	LINE ND-2	RECORDING	OBSERVER'S	REPORT
DATE & TRAVEL TIME		ENVIRONMENT	INSTRUMENTS		GEOPHONES	
MONTH 10	DAY 16	YEAR 92	CLIENT OMARD	TEMP. 55°	TERRAIN Hills	TYPE INST. DF3V
LEAVE TOWN	ARRIVE FIELD	PARTY 3	REC. TRUCK 3137	OBSERVER Royal	WIND 0-5	TYPE SURFACE SAND
LEAVE FIELD	ARRIVE TOWN	PARTY LOCATION DIVIDE ND		CO. STATE ND	PRECIP. NONE	VEGETATION GRASS
SHOW TRACE NO'S, S.P. LOCATION, GAPS + DISTANCES, DIRECTION:			FILTER SETTING		LOW CUT Hz OUT	H. CUT Hz 64
			SLOPE CAB/OCTAVE		LC OUT	HC 72
			NOTCH		IN	
			ARRANGEMENT		INITIAL 30db	FINAL 1FF
			GAIN			
			IB TRACE		UH TRACE	
			FILE TRACE		UH CHECK	

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE		TRACE POSITION					U.H. TIME	OFFSET	REMARKS			
		SHOT POINT NUMBER	SHOT FOR DIRECTION TO NO. 1	SHOT (A,B,C)	TOTAL CHARGE	DEPTH TOP BOT.	REEL NUMBER	SEQUENCE FILE NUMBER	PARITY ERRORS	1	24	25				48	CDP Switch	Truck Pos.
1	11:15	583			100#	130	180	48	49	903	420	49	903	1022	61	962/963	23/30	Reel 419 ON Daily tests 901-906 VOID FILE # 46
2	11:19	621			100#	115	165	50	51	903	420	54	903	1022	61		30/30	SP. 583 STA. 911, 923, 934, 969, 1011, + 1018 OPEN 911, 923, 934, 969, 1011, + 1018 OPEN
3	11:25	662			50#	115	140	53	54	903	421	55	903	1022	61		30/35	LONG STA BETWEEN 973-974 + 80 FEET 911, 923, 934, 969, 1011, + 1018 OPEN
4	11:48	700			50#	128	140	56	57	903	421	57	903	1022	63		30/33	Reel 420 OFF Reel 421 ON SP. 700 2 HOLES @ 140' Reel 421 OFF SP. 700 STA 911, 923, 934, 969, 1011, + 1018 OPEN
																		Reel 422 ON
															TAPES USED 420 + 421 (TWO)			

RELIABLE EXPLORATION Inc.

PROJECT/PROSPECT <i>Williston II</i>		NUMBER	LINE <i>ND-2</i>	RECORDING	OBSERVER'S	REPORT											
DATE & TRAVEL TIME		IDENTIFICATION		ENVIRONMENT	INSTRUMENTS		GEOPHONES			S. P. PATTERN		SPREAD	PAGE <i>4</i> OF				
MONTH <i>10</i>	DAY <i>16</i>	YEAR <i>92</i>	CLIENT <i>Co Corp.</i>	TEMP.	TERRAIN	TYPE INST. <i>DPS II</i>	SAMPLE RATE <i>4</i>	TYPE <i>L-21-A</i>	NO./STRING <i>9</i>	NO. OF STRINGS <i>2</i>	PATTERN WIDTH FT.	NO. OF HOLES PER SHOT <i>1</i>	MULTIPLE CHARGE <input type="checkbox"/>	DISTANCE BETWEEN GROUP STATIONS FT.	SUBSURFACE STACK %	ENERGY SOURCE <i>Dyn</i>	
LEAVE TOWN <i>6:00 AM</i>	ARRIVE FIELD <i>7:00 AM</i>	PARTY <i>344</i>	REC. TRUCK <i>R906</i>	OBSERVER <i>D. Wick</i>	WIND	TYPE SURFACE	NO TRACKS <i>9</i>	RECORD LGTH. <i>60 SEC.</i>	FREQUENCY <i>10 HZ</i>	SEPARATION <i>15 FT.</i>	DAMPING RESISTOR <i>300 Ω</i>	PATTERN LGTH. FT.	DIST. BETWEEN HOLES	DELAY TOP TO BOTTOM	DISTANCE BETWEEN SHOT POINTS FT.	UPHOLE OFFSET FT.	GAIN TYPE <input checked="" type="checkbox"/> ABC <input type="checkbox"/> PBC <input type="checkbox"/> GABC <input type="checkbox"/> BINARY
LEAVE FIELD	ARRIVE TOWN	PARTY LOCATION <i>Divide</i>		CO. STATE <i>N.D.</i>	PRECIP.	VEGETATION	BPI <i>1600</i>	FORMAT <i>5eq B</i>	TYPE BASE <i>Spike</i>	CONNECTION SERIES PARALLEL <input checked="" type="checkbox"/>	CONNECTION SERIES PARALLEL <input type="checkbox"/>	LOCATION ACROSS STA. <input checked="" type="checkbox"/>	ARRANGEMENT INLINE <input checked="" type="checkbox"/>	NORMAL TO LINE <input type="checkbox"/>	OFFSET DIRECTION GAP FT.	ALIAS FILTER TYPE / FREQ FT.	FIRST BREAK POLARITY <input type="checkbox"/> DOWN <input checked="" type="checkbox"/> UP
SHOW TRACE NO'S, S.P. LOCATION, SAPS, DISTANCES, DIRECTION <i>SPREAD T. MASTER - R906</i>				FILTER SETTING		LOW CUT HZ	H. CUT HZ <i>64</i>	SLOPE CAR/OCTAVE LC <i>72</i> HC		NOTCH IN <i>JN</i>	GAIN INITIAL <i>3045</i> FINAL <i>84-357</i>		IB TRACE FILE TRACE <i>4</i>	UH TRACE UH CHECK <i>3</i>			

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT			DIGITAL TAPE			TRACE POSITION				CDP Switch	Truck Pos.	U.H. TIME	OFFSET FEET	DEGREE	REMARKS	
		SHOT POINT NUMBER	SHOT FOR DIRECTION TO NO. 1	SHOT (A,B,C)	TOTAL CHARGE	DEPTH TOP	DEPTH BOT.	REEL NUMBER	SEQUENCE/FILE NUMBER	PARITY ERRORS	TR ₁							TR ₆₀
		Noise Test					122	59		783	842	843	902	27				STA 793, 809, Bad-5sec - STA. 791 - E/W Road
	1:40	688			100	130	180		66	783	842	843	902	27		63	59	VOID FW58 - CAR - STA 783-78 - STA. 819 - Farm West of Line
		Noise Test							61	783	842	843	902	27				5 sec Noise Test STA. 823 - Farm East of Line
	1:53	723			100	130	180		62	783	842	843	902	27		34	60	STA. 855 county rd - <i>Divide CO</i> - <i>Williams CO</i>
		Noise Test							63	783	842	843	902	27				5 sec. Test STA. 887 E/W Road
	2:05	782			50	115	140		64	783	842	843	902	27		70	73	STA. 901 - Trailer & Water Well
		Noise Test							65	783	842	843	902	27				5 sec Noise Test
		End of Day																
		1 Tape																

RELIABLE EXPLORATION Inc.

Recorder 3 - Slave System

DATE & TRAVEL TIME			IDENTIFICATION			ENVIRONMENT		INSTRUMENTS		GEOPHONES			S. P. PATTERN		SPREAD		OBSERVER'S REPORT		
MONTH	DAY	YEAR	CLIENT	TEMP.	TERRAIN	TYPE INST.	SAMPLE RATE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	NO. OF HOLES PER SHOT	MULTIPLE CHARGE	DISTANCE BETWEEN GROUP STATIONS	SUBSURFACE STACK	ENERGY SOURCE	PAGE 3 OF		
10	16	92	CO CORP	11°F	gentle rolling	DFS V	4ms	L21A	9	1	inline FT.	1	<input type="checkbox"/>	105 FT.	varies %	dynamite			
LEAVE TOWN	ARRIVE FIELD	PARTY	REC. TRUCK	OBSERVER	WIND	TYPE SURFACE	NO TRACKS	RECORD LGTH.	FREQUENCY	SEPARATION	DAMPING RESISTOR	PATTERN LGTH.	DIST. BETWEEN HOLES	DELAY TOP TO BOTTOM	DISTANCE BETWEEN SHOT POINTS	UPHOLE OFFSET	GAIN TYPE	FIXED	
0600	0700	B	R804	Calonge	Ø-3mph	sandy clay	9	60 SEC	10 HZ	12 FT.	360Ω	110 FT.			varies FT.	5'	<input checked="" type="checkbox"/> ABC	<input type="checkbox"/> PSC	<input type="checkbox"/> GASC
LEAVE FIELD	ARRIVE TOWN	PARTY LOCATION		CO. STATE	PRECIP.	VEGETATION	BPI	FORMAT	TYPE BASE	CONNECTION SERIES PARALLEL	CONNECTION SERIES PARALLEL	LOCATION ACROSS STA. BETWEEN STA.	ARRANGEMENT INLINE <input checked="" type="checkbox"/> PATTERN <input type="checkbox"/> NORMAL TO LINE <input type="checkbox"/>		OFFSET DIRECTION GAP	FT.	ALIAS FILTER TYPE / FREQ	FIRST BREAK	POLARITY
		Divide Co., ND		ND	2" snow	grass & stubble	1600PE	SEGB	Spike	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				none FT.	64 HZ		<input type="checkbox"/> DOWN	<input checked="" type="checkbox"/> UP
SHOW TRACE NO'S, S. P. LOCATION, GAPS + DISTANCES, DIRECTION:																			
FILTER SETTING																			
LOW CUT HZ: Out H. CUT HZ: 64 SLOPE CAB/OCTAVE: LC Out HC 72 NOTCH IN: In GAIN: INITIAL 36dB FINAL 1FP																			
IB TRACE: _____ UH TRACE: _____ FILE TRACE: _____ UH CHECK: _____																			

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT						DIGITAL TAPE			TRACE POSITION					U.H. TIME	OFFSET	REMARKS	
		SHOT POINT NUMBER	SHOT FOR	DIRECTION TO NO. 1	SHOT (A,B,C)	TOTAL CHARGE	DEPTH TOP BOT.	REEL NUMBER	SEQUENCE/FILE NUMBER	PARITY ERRORS	1	24-60 48	25-41 49	48-120 96	CDP Switch				Truck Pos.
		noise strip																	Recording spread 6 - shooting spread 4
1		noise strip					319	039	Ø	663B	722	723	782	017	742/743				powerline at 671
2	0850	461B		B	50	115 140		040	Ø	663B	722	723	782	017		042	040		redrill
3		noise strip						041	Ø	663B	722	723	782	017					
4	0905	515		B	50	115 140		042	Ø	663B	722	723	782	017		048	045		redrill
5		noise strip						043	Ø	663B	722	723	782	017					
6	0913	580		B	50	115 140		044	Ø	663B	722	723	782	017		045	034		redrill
		noise strip						045	Ø	663B	722	723	782	017					EOF Reel 319
																			Recording spread 6 - shooting spread 5
7		noise strip					320	047	Ø	663B	722	723	782	017					VOID FILE 104
8	11:15	583		A	100	130 180		048	Ø	663B	722	723	782	017		030	023		traffic on North end of line at beginning of shot - road grader
9		noise strip						049	Ø	663B	722	723	782	017					
10	11:19	621		A	100	115 165		050	Ø	663B	722	723	782	017		030	030		road grader on North end of spread
11		noise strip						052	Ø	663B	722	723	782	017					Void file 051
12	1128	662		A	50	115 140		053	Ø	663B	722	723	782	017		035	030		
13		noise strip						054	Ø	663B	722	723	782	017					Last file reel 320
14		change reels					321	055	Ø	663B	722	723	782	017					First file reel 321 - file 900, 3sec all ones
15	1148	700		A	2x 25	130 140		056	Ø	663B	722	723	782	017		033	030		Road grader on South end of spread
16		noise strip						057	Ø	663B	722	723	782	017					EOF reel 321
		change reels																	Recording and shooting spread 6
17		noise strip					322	05		663B	722	723	782	017					
18		688				100 130 180				663B	722	723	782	017					

RELIABLE EXPLORATION Inc.

PROJECT/PROSPECT <i>Williston II</i>		NUMBER	LINE <i>N.D-2-92</i>	RECORDING	OBSERVER'S REPORT
DATE & TRAVEL TIME		ENVIRONMENT	INSTRUMENTS	GEOPHONES	S. P. PATTERN
MONTH <i>10</i>	DAY <i>16</i>	YEAR <i>92</i>	CLIENT <i>COCORD</i>	TEMP.	TERRAIN <i>ROADS</i>
LEAVE TOWN <i>6:05</i>	ARRIVE FIELD <i>7:30</i>	PARTY <i>R803</i>	REC. TRUCK <i>5</i>	OBSERVER <i>T. BOWEN</i>	WIND
LEAVE FIELD	ARRIVE TOWN	PARTY LOCATION <i>Williston ND</i>	CO. STATE <i>ND</i>	PRECIP.	VEGETATION
SHOW TRACE NO'S, S. P. LOCATION, GAPS + DISTANCES, DIRECTION:		TYPE INST. <i>DSV</i>	SAMPLE RATE <i>4</i>	TYPE <i>L-21A</i>	NO./STRING <i>9</i>
TYPE SURFACE		NO TRACKS <i>9</i>	RECORD LGTH. <i>60</i> SEC	FREQUENCY <i>10</i> HZ	SEPARATION <i>15</i> FT
BPI <i>1600</i>		FORMAT <i>SEG B</i>	TYPE BASE <i>SPIKE</i>	CONNECTION SERIES PARALLEL <input checked="" type="checkbox"/>	CONNECTION SERIES PARALLEL <input checked="" type="checkbox"/>
LOW CUT HZ <i>out</i>		H. CUT HZ <i>64</i>	SLOPE CAB/OCTAVE LC <i>19</i>	HC <i>72</i>	NOTCH IN <i>100</i>
DISTANCE BETWEEN GROUP STATIONS <i>165</i> FT.		DIST. BETWEEN HOLES	ARRANGEMENT IN LINE <input type="checkbox"/> PATTERN <input type="checkbox"/> NORMAL TO LINE <input type="checkbox"/>	INITIAL GAIN <i>36</i>	FINAL GAIN <i>1FF</i>
SUBSURFACE STACK		ENERGY SOURCE <i>DYNAMITE</i>	IB TRACE		UH TRACE
UPHOLE OFFSET <i>5'</i>		BAIN TYPE <input checked="" type="checkbox"/> AGC <input type="checkbox"/> PBC <input type="checkbox"/> GAGC	FILE TRACE		UH CHECK
FIRST BREAK POLARITY <input type="checkbox"/> DOWN <input checked="" type="checkbox"/> UP					

DAILY PROFILE NO.	TIME RECORDED	SHOT POINT				DIGITAL TAPE			TRACE POSITION					L E	U.H. R B E	OFFSET FEET DEGREES	REMARKS DETAIL ANY CHANGE FROM NORMAL CONDITIONS NOTED ABOVE
		SHOT POINT NUMBER	SHOT FOR DIRECTION TO NO. 1	SHOT (LAT. ECT)	TOTAL CHARGE	DEPTH TOP	DEPTH BOT.	REEL NUMBER	SEQUENCE/FILE NUMBER	PARITY ERRORS	1	24	25				
			N	S SEC NOISE STRIP	519	039		581	640	641	700	9	<i>644/645</i>	-	-		
	8:50	4618		50	115	140	040	"	"	"	"	"		42	40		SP 4618 1x50 <i>115/140</i>
				S SEC NOISE STRIP		041	"	"	"	"	"	"		-	-		
	9:05	515B		50	115	140	042	"	"	"	"	"		48	45		SP 515 1x50 <i>115/30</i> STA. 599 WENT DEAD
				S SEC NOISE STRIP		043	"	"	"	"	"	"		-	-		
	9:13	580B		50	115	140	044	"	"	"	"	"		45	39		SP 580 1x50 <i>115/30</i> I TB ON SHOT END OF REEL #519
				S SEC NOISE STRIP	519	045	"	"	"	"	"	"		-	-		VOID FILE # 045
				S SEC NOISE STRIP	520	047	"	"	"	"	"	"		-	-		SP 583 1x100 <i>130/30</i> SP 580 HAD TRAFFIC ABOUT 620-650
	11:15	583		100	130	130	048	"	"	"	"	"		30	23		STA. 599 WENT DEAD got some kind of pulse on Box 1
				S SEC NOISE STRIP		049	"	"	"	"	"	"		-	-		about 800ms IN RECORD trace 29 to 60
	11:19	621A		100	115	165	050	"	"	"	"	"		30	30		SP 621 1x100 <i>115/165</i>
				S SEC NOISE STRIP		052	"	"	"	"	"	"		-	-		VOID FILE # 051
	11:25	662		50	115	140	053	"	"	"	"	"		35	30		
				S SEC NOISE STRIP	520	054	"	"	"	"	"	"		-	-		END OF REEL # 520
				S SEC NOISE STRIP	521	055	"	"	"	"	"	"		-	-		
	11:48	700		50	128	140	056	"	"	"	"	"		33	30		SP 700 2x25 <i>128/140</i>
				S SEC NOISE STRIP	521	057	581	640	641	700	9	<i>644/645</i>		-	-		END OF REEL # 521
																	MOVING SPREAD NO REEL #522

