

-LCC08E2
October 3, 1979

PROPRIETARY DATA

G.S.I. SPECULATIVE SURVEY, SOUTHERN UTAH

LINES 5 AND OPT 5W

(Crosses Roosevelt Hot Springs and the
Mineral Mountains, Utah)

Restricted Usage: For Access and Permission
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Dr. HOWARD P. ROSS, ESL/WURE

Dr. P. M. WRIGHT, " "

Dr. S. H. WARD, " "

Mr. JOSEPH N. FIORE, DOE/NVO

Data become public on Aug. 15, 1984.

Howard P. Ross
October 3, 1979

DATA TRANSMITTAL

GS1-TI

DATE SHIPPED

10/9/79

CONSIGNEE'S ADDRESS

HOWARD P. ROSS

ATTEN.

ROSS

LOCATION

Univ Utah Research Inst

EARTH science lab

M/S

410 Imperial Way #120

CITY, STATE

SLC Utah

SHIPPER'S ADDRESS

SHIPPED BY

ESL

LOCATION

2460 W 26th Ave

SLC 80000

M/S

CITY, STATE

Denver Colo

THIS SHIPMENT CONTAINS

- MAGNETIC TAPES
- PRINTOUTS
- FILM SECTIONS
- PROCESSING DATA
- PAPER SECTIONS
- OTHER

THE LISTED ITEM WERE

- TI SHUTTLE
- LAND
- HAND CARRIED
- SHIPPED VIA
- AIR
- SEA

SHIPMENT NO.

PROSPECT ID

W/B NO.

CLIENT

DIVISION

COST CENTER

ACCOUNT NO.

WORK ORDER NO.

LIST THE CONTENTS OF EACH BOX

1/2 box of tapes with PHE labels 70 - 1002-79N415

1/2 box of printouts to accompany the above

also from 4/11/74 Southern Utah SDS Program

Line 5 Vape 981-1501 Final stacked trace

Line 5 Vape 981-1511 Mineral - 1 Stack trace

DT 5(1) ✓ Vape 807-979 Final stacked trace

DT 5W ✓ Vape 807-979 Mineral - 1 Stack trace

Also = stacked trace maps

for entire 1978 & 1979 Program

ABOVE LISTED ITEM RECEIVED BY

Howard P. Ross UMRI/ESL

DATA RECEIVED

October 3, 1979

DISTRIBUTION.

- PINK - TRANSMITTER'S COPY
- CANARY - RECEIVER'S COPY
- WHITE - TRANSMITTER'S RECORD

INSTRUCTION:

- PINK AND CANARY COPIES ACCOMPANY SHIPMENT TO CONSIGNEE.
- CONSIGNEE MUST SIGN THE PINK COPY AND RETURN TO SHIPPER
- WHITE COPY TO BE RETAINED BY SHIPPER UNTIL PINK COPY IS RETURNED.

TI-23362

DATA TRANSMITTAL

GS1-TI

DATE SHIPPED

80-1-71

CONSIGNEE'S ADDRESS

ATTEN. Howard P. Ross
U of U Research Inst
 LOCATION Earth Science Lab
 M/S 420 Chapala way
 CITY, STATE S.L.C. Utah

SHIPPER'S ADDRESS

SHIPPED BY M.A.V.
 LOCATION 2460 W. 21st Ave
 M/S Denver, Colo
 CITY, STATE 80211

THIS SHIPMENT CONTAINS

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- PRINTOUTS
- PROCESSING DATA
- OTHER

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- TI SHUTTLE
- HAND CARRIED
- SHIPPED VIA
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- AIR
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CLIENT

DIVISION

COST CENTER

ACCOUNT NO.

WORK ORDER NO.

LIST THE CONTENTS OF EACH BOX

In compliance with Dept. Energy Order # DE-ACR-74 NV 0047

Shipment consists of the following items:

1. Reel 15 S-L-Y FORMAT THIN FILM COPY OF ORIGINAL SEISMIC DATA FROM GSI'S 1978 Southern Utah S-P-C PROGRAM.

Reel 4 J79-04-417 ✓ SDC 807-949 Reel # 2-73

Reel 7 J79-04-418 ✓ SDC 951-1093 Reel # 74-145

Reel 11 J79-04-419 ✓ SDC 1095-1257 Reel # 196-217

Reel 17 J79-04-420 ✓ SDC 1287-1381 Reel # 216-285

Reel 18 J79-04-421 ✓ SDC 1583-1525 Reel # 286-357

Reel 19 J79-04-422 ✓ SDC 1527-1663 Reel # 358-426

1 XEROX COPY of ORIGINAL OBSERVED LOGS

1 XEROX COPY of ORIGINAL SUMMARY INFO.

1 COPY of INFO LOGS ✓

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TI-23362

DATA TRANSMITTAL

GS1-TI

DATE SHIPPED

10/19/79

CONSIGNEE'S ADDRESS

HOWARD P. ROSS

ATTEN.

ROSS

LOCATION

Univ Utah Research Inst

EARTH SCIENCE BLDG

M/S

410 Empire Way #120

CITY, STATE

SLE Utah

SHIPPER'S ADDRESS

SHIPPED BY

ESL

LOCATION

2460 W 26th Ave

SLC UT

M/S

CITY, STATE

Denver Colo

THIS SHIPMENT CONTAINS

- MAGNETIC TAPES
- PRINTOUTS
- FILM SECTIONS
- PROCESSING DATA
- PAPER SECTIONS
- OTHER

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- TI SHUTTLE
- LAND
- HAND CARRIED
- SHIPPED VIA
- AIR
- SEA

SHIPMENT NO.

PROSPECT ID

W/B NO.

CLIENT

DIVISION

COST CENTER

ACCOUNT NO.

WORK ORDER NO.

LIST THE CONTENTS OF EACH BOX

1. 5 VHS 951-1561 FINAL STACKED Tapes

2. 5 VHS 951-1571 Mineral Stack Tapes

EDT 5(W) ✓ VPS EDT-979 Final Stacked Tapes

DPT5W ✓ VPS EDT-979 Mineral Stack Tapes

Also 3 Sketched location maps for entire 1978 & 1979 Program

ABOVE LISTED ITEM RECEIVED BY

Howard P. Ross UMRI/ESL

DATA RECEIVED

October 3, 1979

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TI-23362

LIVE 5
 UNIT _____

VP	SEGY TAPE	SEGY OUTPUT RECORD	VP	SEGY TAPE	SEGY OUTPUT RECORD		
807	J7904417	2	867	J7904417	32		
809	↓	3	869	↓	33		
811		4	871		34		
813		5	873		35		
815		6	875		36		
817		7	877		37		
819		8	879		38		
821		9	881		39		
823		10	883		40		
825		11	885		41		
827		12	887		42		
829		13	889		43		
831		14	891		44		
833		15	893		45		
835		16	895		46		
837		17	897		47		
839		18	899		48		
841		19	901		49		
843		20	903		50		
845		21	905		51		
847		22	907		52		
849		23	909		53		
851		24	911		54		
853		25	913		55		
855		26	915		56		
857		27	917		57		
859		28	919		58		
861		29	921		59		
863		↓	30		923	↓	60
865		J7904417	31		925	J7904417	61

LINE

5

UNIT

VP	SEGY TAPE	SEGY OUTPUT RECORD	VP	SEGY TAPE	SEGY OUTPUT RECORD
927	J7904417	62	987	J7904418	92
929		63	989		93
931		64	991		94
933		65	993		95
935		66	995		96
937		67	997		97
939		68	999		98
941		69	1001		99
942		70	1003		100
945		71	1005		101
947	↓	72	1007		102
949	J7904417	73	1009		103
951	J7904418	74	1011		104
953		75	1013		105
955		76	1015		106
957		77	1017		107
959		78	1019		108
961		79	1021		109
963		80	1023		110
965		81	1025		111
967		82	1027		112
969		83	1029		113
971		84	1031		114
973		85	1033		115
975		86	1035		116
977		87	1037		117
979		88	1039		118
981		89	1041		119
983	↓	90	1043	↓	120
985	J7904418	91	1045	J7904418	121

LINE

5

UNIT

VP	SEGY TAPE	SEGY OUTPUT RECORD	VP	SEGY TAPE	SEGY OUTPUT RECORD
1047	J7904418	122	1107	J7904419	152
1049		123	1109		153
1051		124	1111		154
1053		125	1113		155
1055		126	1115		156
1057		127	1117		157
1059		128	1119		158
106		129	1121		159
1063		130	1123		160
1065		131	1125		161
1067		132	1127		162
1069		133	1129		163
1071		134	1131		164
1073		135	1133		165
1075		136	1135		166
1077		137	1137		167
1079		138	1139		168
1081		139	1141		169
1083		140	1143		170
1085		141	1145		171
1087		142	1147		172
1089		143	1149		173
1091		144	1151		174
1093	J7904418	145	1153		175
1095	J7904419	146	1155		176
1047		147	1157		177
1049		148	1159		178
1101		149	1161		179
1103		150	1163		180
1105	J7904419	151	1165	J7904419	181

LINE 5

UNIT

VP	SEGY TAPE	SEGY OUTPUT RECORD	VP	SEGY TAPE	SEGY OUTPUT RECORD	
1167	J7904419	182	1227	J7904419	212	
1169	↓	183	1229	↓	213	
1171		184	1231		214	
1173		185	1233		215	
1175		186	1235		216	
1177		187	1237		J7904419	217
1179		188	1239		J7904420	218
1181		189	1241		↓	219
1183		190	1243			220
1185		191	1245			221
1187		192	1247			222
1189		193	1249			223
1191		194	1251			224
1193		195	1253			225
1195		196	1255			226
1197		197	1257			227
1199		198	1259			228
1201		199	1261			229
1203		200	1263			230
1205	201	1265	231			
1207	202	1267	232			
1209	203	1269	233			
1211	204	1271	234			
1213	205	1273	235			
1215	206	1275	236			
1217	207	1277	237			
1219	208	1279	238			
1221	209	1281	239			
1223	↓	210	↓	240		
1225	J7904419	211	J7904420	241		

LINE 5
UNIT

VP	SEGY TAPE	SEGY OUTPUT RECORD	VP	SEGY TAPE	SEGY OUTPUT RECORD	
1287	J7904420	242	1347	J7904420	272	
1289	↓	243	1349	↓	273	
1291		244	1351		274	
1293		245	1353		275	
1295		246	1355		276	
1247		247	1357		277	
1249		248	1359		278	
1301		249	1361		279	
1307		250	1363		280	
1305		251	1365		281	
1307		252	1367		DUMMY	
1309		253	1364		DUMMY	
1311		254	1371		DUMMY	
1313		255	1373		DUMMY	
1315		256	1375		282	
1317		257	1377		283	
1319		258	1374		284	
1321		259	1381		J7904420	285
1323		260	1383		J7904421	286
1325		261	1385		↓	287
1327		262	1387			288
1324	263	1389	289			
1331	264	1391	290			
1333	265	1393	291			
1335	266	1395	292			
1337	267	1397	293			
1339	268	1399	294			
1341	269	1401	295			
1343	270	1403	296			
1345	J7904420	271	1405	J7904421	297	

LINE 5

UNIT

VP	SEGY TAPE	SEGY OUTPUT RECORD	VP	SEGY TAPE	SEGY OUTPUT RECORD
1407	J7904421	298	1467	J7904421	328
1409		299	1469		329
1411		300	1471		330
1413		301	1473		331
1415		302	1475		332
1417		303	1477		333
1419		304	1479		334
1421		305	1481		335
1423		306	1483		336
1425		307	1485		337
1427		308	1487		338
1429		309	1489		339
1431		310	1491		340
1433		311	1493		341
1435		312	1495		342
1437		313	1497		343
1439		314	1499		344
1441		315	1501		345
1443		316	1503		346
1445		317	1505		347
1447		318	1507		348
1449		319	1509		349
1451		320	1511		350
1453		321	1513		351
1455		322	1515		352
1457		323	1517		353
1459		324	1519		354
1461		325	1521		355
1463	∇	326	1523	∇	356
1465	J7904421	327	1525	J7904421	357

LINE

5

UNIT

VP	SEGY TAPE	SEGY OUTPUT RECORD	VP	SEGY TAPE	SEGY OUTPUT RECORD
1527	J7904422	358	1587	J7904422	388
1529	"	359	1589	"	389
1531	"	360	1591	"	390
1533	"	361	1593	"	391
1535	"	362	1595	"	392
1537	"	363	1597	"	393
1539	"	364	1599	"	394
1541	"	365	1601	"	395
1543	"	366	1603	"	396
1545	"	367	1605	"	397
1547	"	368	1607	"	398
1549	"	369	1609	"	399
1551	"	370	1611	"	400
1553	"	371	1613	"	401
1555	"	372	1615	"	402
1557	"	373	1617	"	403
1559	"	374	1619	"	404
1561	"	375	1621	"	405
1563	"	376	1623	"	406
1565	"	377	1625	"	407
1567	"	378	1627	"	408
1569	"	379	1629	"	409
1571	"	380	1631	"	410
1573	"	381	1633	"	411
1575	"	382	1635	"	412
1577	"	383	1637	"	413
1579	"	384	1639	"	414
1581	"	385	1641	"	415
1583	∇	386	1643	∇	416
1585	J7904422	387	1645	J7904422	417

Rocky Mtn Spec

STATE Utah

PAGE No 2

5 PARTY No. 1790

DATE 7 Day, 13 Mo, 19 Yr

BOOK No

RODMAN Crowe

WEATHER wind

PTS No

Sighting	Stadia Distance	BEAMAN OR VERNIER				ROD READING				Angular Elev Diff	Final Elev Diff	ELEVATIONS		Station	FINAL ELEVATIONS
		Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair	INST			ROD			
	500	40	0				4.3	-10.0			5476.0	5511.7	820		
		40	-2				4.7	-20.0			5476.0	5506.6	821		
	3170	53	+360				7.0	-64.2			5476.0	5522.7	822		
	1950	53	+3				4.0	-58.5			5476.0	5497.0	823		
	16160	53	+3				4.0	+52.5			5476.0	5497.0	824		
	1570	53	+3				8.4	+47.1			5476.0	5471.9	825		
	1380	53	+3				7.2	+41.4			5476.0	5471.4	826		
	1190	53	+3				7.1	+35.7			5476.0	5461.0	827		
	1000	53	+3				7.1	+30.0			5476.0	5471.0	828		
	800	53	+3				7.1	+24.0			5476.0	5471.0	829		
	600	53	+3				7.1	+18.0			5476.0	5471.0	830		
	400	52	+2				2.4	+9.0			5476.0	5471.0	831		
	200	52	+2				2.4	+9.0			5476.0	5471.0	832		
	0						4.0	-4.0			5476.0	5472.0	833		
	200						7.0	-7.0			5476.0	5466.2	834		
	400						9.0	-9.0			5476.0	5456.6	835		
	600						13.1	-13.1			5476.0	5440.1	836		
	800						18.3	-18.3			5476.0	5421.7	837		

BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

Rocky Mtn Spec

STATE Utah

PAGE No 1

5 PARTY No. 1790

DATE 21 Day, 9 Mo, 78 Yr

BOOK No

RODMAN Crowe

WEATHER wind

PTS No

Sighting	Stadia Distance	BEAMAN OR VERNIER				ROD READING				Angular Elev Diff	Final Elev Diff	ELEVATIONS		Station	FINAL ELEVATIONS
		Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair	INST			ROD			
	1600														
	1400	46												806	
	1200	53	+360											807	
	1000	53	+3											808	
	1600	53	+3											809	
	1400	53	+3											810	
	1200	53	+3											811	
	1000	53	+3											812	
	800	53	+3											813	
	600	53	+3											814	
	400	53	+3											815	
	200	53	+3											816	
	0													817	
	200													818	
	400													819	

BEGINNING of Line

STADIA SURVEY NOTES

AREA Park Hill Spc STATE Utah PAGE No 4
 LINE No # 2 PARTY No 1740 DATE 27 Day 4 Mo 12 Yr 19
 SURVEYOR Boyd ROOMMAN LINDSEY WEATHER Partly BOOK No _____ PTS No _____

LINE	Reading of Sight	Soidal Distance	HEAVEN OF VERTICAL			RCC READINGS		Approx. Elev. of	RCC	Elevations	Remarks
			Level	Inclined	Slope or Factor	Hor. RCC	Reading Correction				
800	40	40					7.2	5.0	600.0	800	
1000	40	40					8.2	10.0	600.0	800	
1100	40	40					5.2	10.0	600.0	800	
1200	40	40					11.2	10.0	600.0	800	
1300	40	40					12.2	10.0	600.0	800	
1400	40	40					13.2	10.0	600.0	800	
1500	40	40					14.2	10.0	600.0	800	
1600	40	40					15.2	10.0	600.0	800	
1700	40	40					16.2	10.0	600.0	800	
1800	40	40					17.2	10.0	600.0	800	
1900	40	40					18.2	10.0	600.0	800	
2000	40	40					19.2	10.0	600.0	800	
2100	40	40					20.2	10.0	600.0	800	
2200	40	40					21.2	10.0	600.0	800	
2300	40	40					22.2	10.0	600.0	800	
2400	40	40					23.2	10.0	600.0	800	
2500	40	40					24.2	10.0	600.0	800	
2600	40	40					25.2	10.0	600.0	800	
2700	40	40					26.2	10.0	600.0	800	
2800	40	40					27.2	10.0	600.0	800	
2900	40	40					28.2	10.0	600.0	800	
3000	40	40					29.2	10.0	600.0	800	
3100	40	40					30.2	10.0	600.0	800	
3200	40	40					31.2	10.0	600.0	800	
3300	40	40					32.2	10.0	600.0	800	
3400	40	40					33.2	10.0	600.0	800	
3500	40	40					34.2	10.0	600.0	800	
3600	40	40					35.2	10.0	600.0	800	
3700	40	40					36.2	10.0	600.0	800	
3800	40	40					37.2	10.0	600.0	800	
3900	40	40					38.2	10.0	600.0	800	
4000	40	40					39.2	10.0	600.0	800	
4100	40	40					40.2	10.0	600.0	800	
4200	40	40					41.2	10.0	600.0	800	
4300	40	40					42.2	10.0	600.0	800	
4400	40	40					43.2	10.0	600.0	800	
4500	40	40					44.2	10.0	600.0	800	
4600	40	40					45.2	10.0	600.0	800	
4700	40	40					46.2	10.0	600.0	800	
4800	40	40					47.2	10.0	600.0	800	
4900	40	40					48.2	10.0	600.0	800	
5000	40	40					49.2	10.0	600.0	800	
5100	40	40					50.2	10.0	600.0	800	
5200	40	40					51.2	10.0	600.0	800	
5300	40	40					52.2	10.0	600.0	800	
5400	40	40					53.2	10.0	600.0	800	
5500	40	40					54.2	10.0	600.0	800	
5600	40	40					55.2	10.0	600.0	800	
5700	40	40					56.2	10.0	600.0	800	
5800	40	40					57.2	10.0	600.0	800	
5900	40	40					58.2	10.0	600.0	800	
6000	40	40					59.2	10.0	600.0	800	
6100	40	40					60.2	10.0	600.0	800	
6200	40	40					61.2	10.0	600.0	800	
6300	40	40					62.2	10.0	600.0	800	
6400	40	40					63.2	10.0	600.0	800	
6500	40	40					64.2	10.0	600.0	800	
6600	40	40					65.2	10.0	600.0	800	
6700	40	40					66.2	10.0	600.0	800	
6800	40	40					67.2	10.0	600.0	800	
6900	40	40					68.2	10.0	600.0	800	
7000	40	40					69.2	10.0	600.0	800	
7100	40	40					70.2	10.0	600.0	800	
7200	40	40					71.2	10.0	600.0	800	
7300	40	40					72.2	10.0	600.0	800	
7400	40	40					73.2	10.0	600.0	800	
7500	40	40					74.2	10.0	600.0	800	
7600	40	40					75.2	10.0	600.0	800	
7700	40	40					76.2	10.0	600.0	800	
7800	40	40					77.2	10.0	600.0	800	
7900	40	40					78.2	10.0	600.0	800	
8000	40	40					79.2	10.0	600.0	800	
8100	40	40					80.2	10.0	600.0	800	
8200	40	40					81.2	10.0	600.0	800	
8300	40	40					82.2	10.0	600.0	800	
8400	40	40					83.2	10.0	600.0	800	
8500	40	40					84.2	10.0	600.0	800	
8600	40	40					85.2	10.0	600.0	800	
8700	40	40					86.2	10.0	600.0	800	
8800	40	40					87.2	10.0	600.0	800	
8900	40	40					88.2	10.0	600.0	800	
9000	40	40					89.2	10.0	600.0	800	
9100	40	40					90.2	10.0	600.0	800	
9200	40	40					91.2	10.0	600.0	800	
9300	40	40					92.2	10.0	600.0	800	
9400	40	40					93.2	10.0	600.0	800	
9500	40	40					94.2	10.0	600.0	800	
9600	40	40					95.2	10.0	600.0	800	
9700	40	40					96.2	10.0	600.0	800	
9800	40	40					97.2	10.0	600.0	800	
9900	40	40					98.2	10.0	600.0	800	
10000	40	40					99.2	10.0	600.0	800	

WORKED BY _____ CHECKED BY _____ 2nd

STADIA SURVEY NOTES

AREA Rocky Mtn Spac STATE Utah PAGE No 5
 LINE No #5 PARTY No 1740 DATE 27 Day 4 Mo 78 Yr
 SURVEYOR Boyd RODMAN Crowe WEATHER cloud PTS No _____



LINE	Sighting or Sight	Stadia Distance	STADIA OR VERNIER			RCD READING				Angle Elev. Dist.	Final Elev. Dist.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hi. Read	Reading	Correction	Center Hi.			INST	RCD			
		190						-2.2				5376.8				
		200						-2.0	-0.2			5379.2				
		210										5371.5				
		180										5370.5				
		180										5379.7				
		200	40					-12.2		-12.2		5376.3		B70		
		210	40					-12.1		-12.1		5372.2		B70		
		240	40					-10.0		-10.0		5366.7		B70		
		200	40					-10.5		-10.5		5362.0		B70		
		180	40	-2						-23.2	-34.2	5357.2				
		140	50	+8.0				+11.1		-55.2	-47.1	5310.1				
		180	50	+2				+6.6	+3.9	+26.4	+27.2	5248.4		B70		
		200	50	+2				+3.0	+22.8	+27.2		5337.9		B70		
		180	50	+2				-5.0	+21.4	+22.4		5328.5		B70		
		180	52	+2				-9.5	+22.6	+14.0		5324.2		B70		
		200	50	+2				-8.5	+13.5	+11.2		5321.4		B70		
		200	50					-1.0	+7.0	+6.0		5317.0		B70		

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA Rocky Hill Camp STATE Sta PAGE No 6
 LINE No 45 PARTY No 1740 DATE 27 Day - Mo 75 Y.
 SURVEYOR Lo RODMAN Crew WEATHER mil P.T.S No



LINE	Dist. or S.D.	THEODOLITE OR VERNER			RCD READINGS				ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS	
		Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair	App. or Elev. Diff.	NET				RCD
	500													
	100													
	200													
	300													
	400													
	500													
	600													
	700													
	800													
	900													
	1000													
	1100													
	1200													
	1300													
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	1600													
	1700													
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	1900													
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	2500													
	2600													
	2700													
	2800													
	2900													
	3000													
	3100													
	3200													
	3300													
	3400													
	3500													
	3600													
	3700													
	3800													
	3900													
	4000													
	4100													
	4200													
	4300													
	4400													
	4500													
	4600													
	4700													
	4800													
	4900													
	5000													
	5100													
	5200													
	5300													
	5400													
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	5800													
	5900													
	6000													
	6100													
	6200													
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	6700													
	6800													
	6900													
	7000													
	7100													
	7200													
	7300													
	7400													
	7500													
	7600													
	7700													
	7800													
	7900													
	8000													
	8100													
	8200													
	8300													
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	8900													
	9000													
	9100													
	9200													
	9300													
	9400													
	9500													
	9600													
	9700													
	9800													
	9900													
	10000													

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA R. M. Spec STATE Ill PAGE No 7
 LINE No 11 PARTY No 11-4 DATE 2 Day 1 M 19 Yr 53 BOOK No _____
 SURVEYOR W. J. ... RODMAN W. J. ... WEATHER Clear PTS No _____



LINE	Sighting or Sight	Station Distance	REAMAN OF VERNIER			ROD READING			Angle Elev. Diff	Final Elev. Sta	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST			
	450		112	-2.5		-29.7	-4.7	-5.0	-27.0	-27.0	5304.7				
	730		112	+4				-1.4	-29.2	-27.8	5307.5				
	800		112	+4				-1.0	+21.6	+20.6	5304.0		600		
	880		112	+4		-1.0	+1.7	+0.6	+22.8	+21.8	5305.7		600		
	130		112	+4				-0.5	+27.8	+27.3	5301.1		900		
	70		112	-4				-1.8	+4.2	+2.6	5297.8		900		
	500							-1.0		-1.0	5298.8		900		
	400		112	-4				-1.8	-4.1	-27.3	5297.1		900		
	300		112	-4		2	-2.4	-12.9	-16.3	-26.5	5295.6		900		
	200		112	-4				-1.2	-43.3	-50.5	5294.5		900		
	100		112	-4				.98	-28.6	-73.4	5221.3		900		
				+4				1.0	-32.0	-27.0	5190.4				
	600		112	-4				.27	-24.0	+21.3	5216.7		900		
	500		112	-4				-4.0	+2.0	+12.0	5205.1		900		
	400		112	-4				-2.7	-5.0	+4.3	5197.6		900		
	300							-3.0		+4.2	5194.6		900		
	200							-11.2		+1.2	5183.4		900		
	100		112	-4				1.0	-5.0	-13.0	5174.2		900		

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA R. Mill Spr. STATE Ill. PAGE No 8
 LINE No 312 PARTY No. 1740 DATE 27 Day 4 Mo 16 Y.
 SURVEYOR Long RODMAN Chas WEATHER OK PTS No



LINE	Sighting or Sight	Stadia Distance	REAMAN OR VERNER			ROD READING				ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair	App. or Elev. Diff.	Inst. Elev. Diff.				INST
		855		48	-2				-16.5	-22.0	-20.0		5095.7		
		800		47	-2				-10.1	-24.0	-36		5109.2		
		1000		67	-6				-0.2	-22.0	-46		5105.8		
		1200		87	-8				-10.9	-22.0	-46		5121.0		
		1400		107	-8			R	-8.7	-7.0	-15.7		5122.7		
		1500		127	-8			R	-7.5	-8.0	-15.5		5135.5		
		1700		147	-8			R	-7.7	-8.9	-16.6		5122.4		
		1900		167	-8			R	-9.9	-9.9	-16.6		5114.4		
		2000		187	-8				-19.2	-30.0	-20.8		5095.2		
		2200		207	+2				-6.6	-26.0	-15.0		5106.0		
		2400		227	+2				-7.8	+8.0	-0.2		5106.8		
		2600		247	+2				-3.8	+6.0	+2.2		5108.0		
		2800		267	+2				-0.8		-0.8		5092.0		
		3000		287	+2				-4.0		-4.0		5098.0		
		3200		307	+2				-2.5		-2.5		5095.5		
		3400		327	+2				+2.0		+2.0		5095.0		
		3600		347	+2				-1.4		-1.4		5092.6		

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA R. W. Sec. STATE Utah PAGE No 9
 LINE No 11 E PARTY No. 11 DATE 5-7 Day 1 Mo 5 Yr 19 BOOK No _____
 SURVEYOR Sec RODMAN Sec WEATHER Clear P.T.S. No _____



LINE	Sight to (or from)	Stadia Distance	HEADING OF VERNIER				ROD READING			Approx. Elev. of I.M.	Final Elev. of I.M.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle of Factor	Hair Reads	Reading	Correction	Center Hair			INST	ROD			
		400						-4.2				5070.7				
		500						-7.2				5069.8				
		500						-7.2				5068.8				
		1000						-1.2				5067.8				
		1200						-1.2				5066.8				
		1300						-2.2	-4.2	-2.0		5065.8				
		1400						-3.6	-2.0	-1.6		5071.9				
		1500						-5.4	-2.0	-3.4		5074.1				
		1600						-7.2	-2.0	-5.2		5076.3				
		1700						-2.6	-2.0	-4.6		5069.5				
		1800						-2.0	+12.0	+10.0		5066.7				
		1900						-5.0	+6.0	+1.0		5066.0				
		2000						-3.9	+2.0	-1.9		5063.1				
		2100						-4.2	+1.0	-3.2		5061.6				
		2200						-4.2	+9.0	+4.8		5059.1				
		2300						-8.2		-8.2		5057.4				
		2400						-2.0		-2.0		5057.2				

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA 2 1/2 Sec STATE Utah PAGE No. 12
 LINE No. 112 PARTY No. 1100 DATE 27 Day + Mo. 75 Yr. BOOK No. _____
 SURVEYOR Earl RODMAN Clay WEATHER clear P.T.S. No. _____



TIME	Sight or Sight	Stadia Distance	BEAMAN OR VERNER			ROD READING				ELEVATIONS		Station	FINAL ELEVATION	REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair	Ann. Elev. Diff	Fin. Elev. Diff				NST
		600											4950.0		
		200											4950.0		
		400											4950.0		
		600											4950.0		
		800											4950.0		
		1000											4950.0		
		1200											4950.0		
		1400											4950.0		
		1600											4950.0		
		1800											4950.0		
		2000											4950.0		
		2200											4950.0		
		2400											4950.0		
		2600											4950.0		
		2800											4950.0		
		3000											4950.0		
		3200											4950.0		
		3400											4950.0		
		3600											4950.0		
		3800											4950.0		
		4000											4950.0		
		4200											4950.0		
		4400											4950.0		
		4600											4950.0		
		4800											4950.0		
		5000											4950.0		

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA P. M. Sp STATE Utah PAGE No 14
 LINE No # 8 PARTY No 1740 DATE 27 Day 4 Mo 75 Yr BOOK No _____
 SURVEYOR R. M. RODMAN Crow WEATHER mild PTS No _____



TIME	Sighting or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			App. or Elev. Diff.	Final Elev. D.H.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST			
		1400	/					-0.2	+0.2	4065.3					
		1400	/					-0.2	+0.2	4067.1					
		1400	/					-0.2	+0.2	4067.3					
		1400	/					-0.2	+0.2	4067.4					
		1400	/					-0.2	+0.2	4068.1					
		1400	/					-0.2	+0.2	4068.7					
		1400	/					-0.2	+0.2	4069.1					
		1400	/					-0.2	+0.2	4069.2					
		1400	/					-0.2	+0.2	4069.3					
		1400	/					-0.2	+0.2	4069.4					
		1400	/					-0.2	+0.2	4069.5					
		1400	/					-0.2	+0.2	4069.6					
		1400	/					-0.2	+0.2	4069.7					
		1400	/					-0.2	+0.2	4069.8					
		1400	/					-0.2	+0.2	4069.9					
		1400	/					-0.2	+0.2	4070.0					
		1400	/					-0.2	+0.2	4070.1					
		1400	/					-0.2	+0.2	4070.2					
		1400	/					-0.2	+0.2	4070.3					
		1400	/					-0.2	+0.2	4070.4					
		1400	/					-0.2	+0.2	4070.5					
		1400	/					-0.2	+0.2	4070.6					
		1400	/					-0.2	+0.2	4070.7					
		1400	/					-0.2	+0.2	4070.8					
		1400	/					-0.2	+0.2	4070.9					
		1400	/					-0.2	+0.2	4071.0					

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA P. M. Spec STATE Utah PAGE No 16
 LINE No 12 PARTY No. 1760 DATE 27 Day 4 Mo 78 Yr. BOOK No _____
 SURVEYOR Smith RODMAN Crow WEATHER mild PTS No. _____



LINE	Sighting or Sight	Stadia Distance	REFRAN. OR VERNER			ROD READING			Angle Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Corrector			Center Hair	INST			
		1000	51	4		1.40	+8.0	+0.5	-1.0		282.0				
		1200	49	-12		1.20	+8.0	+2.2	-1.0		280.0				
		1000	47			1.00	+8.0	+1.0	-1.0		280.0				
		800	40			0.80	+8.0	+1.0	-1.0		280.0				
		600				0.60	+8.0	+1.0	-1.0		280.0				
		400				0.40	+8.0	+1.0	-1.0		280.0				
		200				0.20	+8.0	+1.0	-1.0		280.0				
		100				0.10	+8.0	+1.0	-1.0		280.0				
		1000	42	+2		1.00	+8.0	+1.0	-1.0		280.0				
		1200	40	+2		0.80	+8.0	+1.0	-1.0		280.0				
		1400	38	+2		0.60	+8.0	+1.0	-1.0		280.0				
		1600	36	+2		0.40	+8.0	+1.0	-1.0		280.0				
		1800	34	+2		0.20	+8.0	+1.0	-1.0		280.0				
		2000	32	+2		0.00	+8.0	+1.0	-1.0		280.0				

WORKED BY _____ CHECKED BY _____ 2nd

STADIA SURVEY NOTES

AREA R. M. Spec STATE Utah PAGE No. 17
 LINE No. 15 PARTY No. 100 DATE 27 Day 4 Mo 7 Yr
 SURVEYOR Engel RODMAN Scott WEATHER is PTS No.



LINE	Beginning of Sight	Stadia Distance	REAMAN OR VERNER			ROD READING				Angle of Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			NET	ROD			
		1000														
		500														
		400														
		300														
		200														
		100														
		200														
		300														
		400														
		500														
		600														
		700														
		800														
		900														
		1000														
		1100														
		1200														
		1300														
		1400														
		1500														
		1600														
		1700														
		1800														
		1900														
		2000														

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA R. M. Spruce STATE Utah PAGE No. 21
 LINE No. #5 PARTY No. 1740 DATE 26 Day 4 Mo 76 Yr. BOOK No. _____
 SURVEYOR Gold RODMAN Crow WEATHER pt. cl. P.T.S. No. _____



LINE	Beginning of Sight	Stadia Distance	REAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST	ROD			
		1600	45	-24	3	12.0	+16.8	+32.0	+32.0							
		1400	26	-16			-1.6	-16.0	-16.0			S205.2	-			
		1300	49	-1			-12.4	-12.0	-12.0			S216.0	-			
		1000	41	-1			-11.7	-10.0	-10.0			S216.2	-			
		500	26	-1			-10.6	-5.0	-5.0			S219.1	-			
		500	23	-1			-9.2	-5.0	-5.0			S223.7	-			
		400					-8.0					S227.9	-			
		300					-6.7					S231.2	-			
		200					-4.5					S233.0	-			
		200					-2.8	+4.0	+4.0			S237.0	-			
		200			T	-2.1	+2.0	+3.0	+3.0			S227.5	-			
		300					-8.0	+8.0	+8.0			S253.6	-			
		300			T	-2.1	+4.0	+1.9	+2.0	+2.0		S263.8	-			
		300			T	-0.8	+6.0	+4.7	+3.0	+3.0		S272.6	-			
		300			T	-0.4	+6.0	+0.6	+3.0	+3.0		S274.0	-			
		300			T	-0.4	+8.0	+4.6	+3.0	+3.0		S276.0	-			
		300			T	-0.4	+8.0	-4.5	+3.0	+3.0		S280.0	-			

WORKED BY _____ CHECKED BY [Signature] Page 2nd

STADIA SURVEY NOTES

AREA R. Hill Spec STATE Ohio PAGE No 22
 LINE No 1-2 PARTY No. 171 DATE 20 Day 6 Mo 70 Yr. BOOK No _____
 SURVEYOR Smith RODMAN Green WEATHER _____ P.T.S. No. _____



LINE	Beginning of Sight	Stadia Distance	BEAMAN OF VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST	ROD			
		50										5292.0				
		60		40								5291.0				
		70										5290.0				
		80										5289.0				
		90										5288.0				
		100										5287.0				
		110										5286.0				
		120										5285.0				
		130										5284.0				
		140										5283.0				
		150										5282.0				
		160										5281.0				
		170										5280.0				
		180										5279.0				
		190										5278.0				
		200										5277.0				

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STADIA SURVEY NOTES

AREA R. Hill Spec STATE Utah PAGE No 54
 LINE No #1 PARTY No. 1740 DATE 28 Day 4 Mo. 15 Yr.
 SURVEYOR Boyd RODMAN Clark WEATHER cloud BOOK No. _____
 PTS No. _____



LINE	Sight or Sight	Stadia Distance	REAMAN OR VERNIER			ROD READING				Angular Elev Diff	End Elev Diff	ELEVATIONS		▲ BS ○ FS - SS	Station	FINAL ELEVATION	REMARKS
			Level	Inch	Angle or Factor	Hair Read	Reading	Correction	Center Hair			NST	ROD				
		400			+4				1.8	+31.0	+32.0		5475.5				
		320			+4				1.8	+32.0	+33.0		5470.0				
		170			+4				1.8	+33.0	+34.0		5470.0				
		300			+2				1.8	+30.0	+31.0	5470.0	5480.0				
		300			+3				1.8	+32.0	+33.0		5480.0				
		300			+2				1.8	+30.0	+31.0		5468.0				
		300			+2				1.8	+30.0	+31.0		5464.0				
		300			+2				1.8	+30.0	+31.0		5450.0				
		300			+2				1.8	+30.0	+31.0		5448.0				
		300			+2				1.8	+30.0	+31.0		5433.0				
		300			+2				1.8	+30.0	+31.0		5430.0				
		300			+2				1.8	+30.0	+31.0		5424.7				
		300			+2				1.8	+30.0	+31.0	5455.2	5455.2				
		600			+2				1.8	+30.0	+31.0		5360.0				
		400			+2				1.8	+30.0	+31.0		5368.0				
		300			+4				1.8	+30.0	+31.0		5371.9				

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA R. Hill Spine STATE Utah PAGE No. 91A
 LINE No. 113 PARTY No. 1740 DATE 28 Day 1 Mo 7A Yr.
 SURVEYOR C. J. ... RODMAN C. J. ... WEATHER ... PTS No. ...



LINE	Stadia Distance	HEAVAN OR VERNER			ROD READING				Angular Elev. Diff.	Final Elev. D. 4'	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
		Level	Inclined	Angle or Factor	High Read	Reading	Correction	Center Hair			INST	ROD			
	100		-2												
	100		-2												
	100		-2												
	100		-2												
	100		-2												

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA R. Mts. Spae STATE Utah PAGE No 26
 LINE No #5 PARTY No 1740 DATE 28 Day 4 Mo. 72 Yr. BOOK No
 SURVEYOR Engl RODMAN Claw WEATHER 11 P.T.S. No



LINE	Stadia Distance	REAMAN OR VERNER			ROD READING			Center Hair	Amount Elev. Diff	Find. Elev. Diff	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
		Level	Inclined	Angle or Factor	Hor. Read	Reading	Correction				NS	ROD			
			40	24.0				48.0			5687.0				
			4	-4				48.0	-0.7		5687.3				
			4	-4				33.0	0.5		5687.9				
			2	-4				24.0	0.0		5687.0				
			2	-4				18.0	0.4		5685.6				
			2	-4				8.0	0.0		5682.9				
											5676.0				
	200		2	-4				12.0	0.0		5685.0				
	400		2	-4				10.0	0.0		5686.8				
	600		2	-4				20.0	0.0		5700.0				
	800		2	-4				20.0	0.0		5716.7				
	400		2	-4				43.0	0.0		5726.6				
	100		2	-4				70.6	0.0		5730.0				
	800		2	-4				12.0	0.0		5781.2				
	600		2	-4				20.0	0.0		5749.7				
	400		2	-4				30.0	0.0		5760.5				
	200		2	-4				50.0	0.0		5770.5				
	0							4.0	0.0		5777.2				

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA R. 11th Spec STATE Utah PAGE No 27
 LINE No #5 PARTY No. 1740 DATE 28 Day 4 Mo. 78 Yr. BOOK No _____
 SURVEYOR Soyd RODMAN Crow WEATHER wind P.T.S. No. _____



LINE	Sighting Height	Stadia Distance	BYEMAN OR VERNER			ROD READING			Angular Elev. Diff	End Elev. Diff	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST			
		200	82	12			-2.8				5786.9	-	207		
		200	82	12			-2.8				5786.9	-	207		
		200	82	12			-2.8				5786.9	-	207		
		200	82	12			-2.8				5786.9	-	207		
		200	82	12			-2.8				5786.9	-	207		
		400					-5.6			5810.2	-	208			
		200					-2.8			5796.8	-	208			
		0					-0.0			5800.0	-	209			
		200					-2.8			5796.8	-	209			
		400	48	-4			-5.6			5789.0	-	210			
		200	48	-4			-2.8			5796.8	-	211			
		2200	46	-4			-9.2			5802.6	-	212			
		2200	46	-4			-9.2			5802.6	-	212			
		1000	46	-4			-4.6			5794.0	-	213			
		1000	46	-4			-4.6			5794.0	-	213			
		300	46	-4			-9.0			5809.8	-	214			

WORKED BY _____ CHECKED BY _____ 2nd _____ T1-568C

STADIA SURVEY NOTES

AREA R. M. S. Co. STATE Utah PAGE No. 28
 LINE No. 11 PARTY No. 10 DATE 29 Day 1 Mo 11 Yr 1911 BOOK No. 1
 SURVEYOR W. C. ... RODMAN C. ... WEATHER Mild PTS No. 1



TIME	Sight	Stadia Distance	REAMAN OR VERNER			ROD READING				Approx Elev Diff	Final Elev. Diff	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Reqd	Reading	Correction	Center Hair			INST	ROD			
		100	0	-2												
		100	4	-2												
		100	7	-2												
		100	10	-2												
		100	13	-2												
		100	16	-2												
		100	19	-2												
		100	22	-2												
		100	25	-2												
		100	28	-2												
		100	31	-2												
		100	34	-2												
		100	37	-2												
		100	40	-2												
		100	43	-2												
		100	46	-2												
		100	49	-2												
		100	52	-2												
		100	55	-2												
		100	58	-2												
		100	61	-2												
		100	64	-2												
		100	67	-2												
		100	70	-2												
		100	73	-2												
		100	76	-2												
		100	79	-2												
		100	82	-2												
		100	85	-2												
		100	88	-2												
		100	91	-2												
		100	94	-2												
		100	97	-2												
		100	100	-2												

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA 2 Mts Spr STATE Utah PAGE No 30
 LINE No 5 PARTY No 1110 DATE 30 Day 4 Mo 75 Yr BOOK No _____
 SURVEYOR Tom Par RODMAN Clay WEATHER Wind P.T.S. No _____



LINE	Beginning of Sight	Stadia Distance	BEAMAN OR VERNER			ROD READINGS			Angular Elev Diff	Final Elev Diff	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	hair Read	Reading	Correction			Center Hair	INST			
		200													
								-0.5		-1.2		6151.6		1253	
								-2.0		-4.5		6157.0		1252	
			53	42				-2.0	16.0	-4.0		6165.0		1255	
			52	42				-2.0	16.0	-4.0		6171.6		1254	
			51	42				-2.0	16.0	-4.0		6178.1		1257	
			54	42				-4.2	13.0	-7.0		6183.8		1258	
			53	44				-5.3	10.0	-8.7		6188.7		1259	
	1250		54	46				-1.0	14.0	-12.0		6204.5		1260	
			51	46				-1.0	13.0	-11.0		6200.0		1261	
			55	40				-14.0	15.0	-15.0		6206.5		1262	
			55	40				-15.0	15.0	-15.0		6207.0		1263	
	1255		45	-5(4)				-12.0	-83.0	-28.9	6240.0				
	1240		45	-5				-14.7	-82.0	-96.7	6242.0		T	BA 26.0	6.3 yds
	1260		25	-5(4)				-14.7	-82.0	-96.7	6239.7		T	BA 12.4	
	1255		45	-5				-15.0	-80.0	-75.0	6242.0			1264	

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA W. Main St STATE Utah PAGE No. 21
 LINE No. 11 PARTY No. 1760 DATE 30 Day 4 Mo 70 Yr
 SURVEYOR Wm. Rice RODMAN Clouo WEATHER Wk P.T.S. No. _____



LINE	Slope or Sight	Stadia Distance	HEAMAN OR VERNER			ROD READING			Angle		ELEVATION		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Feeg	Reading	Correction	Center Hair	Angle Elev. Diff	End Elev. Diff	ACT			
		20.00	2'	-1'		3	1.50	1.70	-17.3	-70.0	-52.7	66.0			
		20.00	2'	-1'						-60.0	-42.0	66.0			
		20.00	2'	-1'						-50.0	-32.0	66.0			
		20.00	2'	-1'						-40.0	-22.0	66.0			
		20.00	2'	-1'						-30.0	-12.0	66.0			
		20.00	2'	-1'						-20.0	-2.0	66.0			
		20.00	2'	-1'						-10.0	7.7	66.0			
		20.00	2'	-1'						0.0	17.3	66.0			
		20.00	2'	-1'						10.0	27.3	66.0			
		20.00	2'	-1'						20.0	37.3	66.0			
		20.00	2'	-1'						30.0	47.3	66.0			
		20.00	2'	-1'						40.0	57.3	66.0			
		20.00	2'	-1'						50.0	67.3	66.0			
		20.00	2'	-1'						60.0	77.3	66.0			
		20.00	2'	-1'						70.0	87.3	66.0			
		20.00	2'	-1'						80.0	97.3	66.0			
		20.00	2'	-1'						90.0	107.3	66.0			
		20.00	2'	-1'						100.0	117.3	66.0			
		20.00	2'	-1'						110.0	127.3	66.0			
		20.00	2'	-1'						120.0	137.3	66.0			
		20.00	2'	-1'						130.0	147.3	66.0			
		20.00	2'	-1'						140.0	157.3	66.0			
		20.00	2'	-1'						150.0	167.3	66.0			
		20.00	2'	-1'						160.0	177.3	66.0			
		20.00	2'	-1'						170.0	187.3	66.0			
		20.00	2'	-1'						180.0	197.3	66.0			
		20.00	2'	-1'						190.0	207.3	66.0			
		20.00	2'	-1'						200.0	217.3	66.0			
		20.00	2'	-1'						210.0	227.3	66.0			
		20.00	2'	-1'						220.0	237.3	66.0			
		20.00	2'	-1'						230.0	247.3	66.0			
		20.00	2'	-1'						240.0	257.3	66.0			
		20.00	2'	-1'						250.0	267.3	66.0			
		20.00	2'	-1'						260.0	277.3	66.0			
		20.00	2'	-1'						270.0	287.3	66.0			
		20.00	2'	-1'						280.0	297.3	66.0			
		20.00	2'	-1'						290.0	307.3	66.0			
		20.00	2'	-1'						300.0	317.3	66.0			
		20.00	2'	-1'						310.0	327.3	66.0			
		20.00	2'	-1'						320.0	337.3	66.0			
		20.00	2'	-1'						330.0	347.3	66.0			
		20.00	2'	-1'						340.0	357.3	66.0			
		20.00	2'	-1'						350.0	367.3	66.0			
		20.00	2'	-1'						360.0	377.3	66.0			
		20.00	2'	-1'						370.0	387.3	66.0			
		20.00	2'	-1'						380.0	397.3	66.0			
		20.00	2'	-1'						390.0	407.3	66.0			
		20.00	2'	-1'						400.0	417.3	66.0			
		20.00	2'	-1'						410.0	427.3	66.0			
		20.00	2'	-1'						420.0	437.3	66.0			
		20.00	2'	-1'						430.0	447.3	66.0			
		20.00	2'	-1'						440.0	457.3	66.0			
		20.00	2'	-1'						450.0	467.3	66.0			
		20.00	2'	-1'						460.0	477.3	66.0			
		20.00	2'	-1'						470.0	487.3	66.0			
		20.00	2'	-1'						480.0	497.3	66.0			
		20.00	2'	-1'						490.0	507.3	66.0			
		20.00	2'	-1'						500.0	517.3	66.0			
		20.00	2'	-1'						510.0	527.3	66.0			
		20.00	2'	-1'						520.0	537.3	66.0			
		20.00	2'	-1'						530.0	547.3	66.0			
		20.00	2'	-1'						540.0	557.3	66.0			
		20.00	2'	-1'						550.0	567.3	66.0			
		20.00	2'	-1'						560.0	577.3	66.0			
		20.00	2'	-1'						570.0	587.3	66.0			
		20.00	2'	-1'						580.0	597.3	66.0			
		20.00	2'	-1'						590.0	607.3	66.0			
		20.00	2'	-1'						600.0	617.3	66.0			
		20.00	2'	-1'						610.0	627.3	66.0			
		20.00	2'	-1'						620.0	637.3	66.0			
		20.00	2'	-1'						630.0	647.3	66.0			
		20.00	2'	-1'						640.0	657.3	66.0			
		20.00	2'	-1'						650.0	667.3	66.0			
		20.00	2'	-1'						660.0	677.3	66.0			
		20.00	2'	-1'						670.0	687.3	66.0			
		20.00	2'	-1'						680.0	697.3	66.0			
		20.00	2'	-1'						690.0	707.3	66.0			
		20.00	2'	-1'						700.0	717.3	66.0			
		20.00	2'	-1'						710.0	727.3	66.0			
		20.00	2'	-1'						720.0	737.3	66.0			
		20.00	2'	-1'						730.0	747.3	66.0			
		20.00	2'	-1'						740.0	757.3	66.0			
		20.00	2'	-1'						750.0	767.3	66.0			
		20.00	2'	-1'						760.0	777.3	66.0			
		20.00	2'	-1'						770.0	787.3	66.0			
		20.00	2'	-1'						780.0	797.3	66.0			
		20.00	2'	-1'						790.0	807.3	66.0			
		20.00	2'	-1'						800.0	817.3	66.0			
		20.00	2'	-1'						810.0	827.3	66.0			
		20.00	2'	-1'						820.0	837.3	66.0			
		20.00	2'	-1'						830.0	847.3	66.0			
		20.00	2'	-1'						840.0	857.3	66.0			
		20.00	2'	-1'						850.0	867.3	66.0			
		20.00	2'	-1'						860.0	877.3	66.0			
		20.00	2'	-1'						870.0	887.3	66.0			
		20.00	2'	-1'						880.0	897.3	66.0			
		20.00	2'	-1'						890.0	907.3	66.0			
		20.00	2'	-1'						900.0	917.3	66.0			
		20.00	2'	-1'						910.0	927.3	66.0			
		20.00	2'	-1'						920.0	937.3	66.0			
		20.00	2'	-1'						930.0	947.3	66.0			
		20.00	2'	-1'						940.0	957.3	66.0			
		20.00	2'	-1'						950.0	967.3	66.0			
		20.00	2'	-1'						960.0	977.3	66.0			
		20.00													

STADIA SURVEY NOTES

AREA R. M. Spr STATE Utah PAGE No. 22
 LINE No. 52 PARTY No. 1-0 DATE 30 Day 4 Mo. 12 Yr.
 SURVEYOR Frank M. ... RODMAN ... WEATHER ... P.T.S. No. ...



LINE	Sight	FEWMAN OR VERNER			ROD READINGS			Angular Elev. Diff	Finc. Elev. "	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
		Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	NET			
		100	55	+56)										
		200	45											
		200	45	-5										
		200	45	-4										
		200	54	+26)										
		0	45											
		200	45	+2										
		200	45	-3										
		400	45	+25)										
		200	49	-1										
		0	45											
		200	51	+1										
		200	52	-6										
		200	52	+2										
		270	52	+2										
		500	40	+16)										

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA R. M. Spr STATE Utah PAGE No 22
 LINE No # 5 PARTY No 1140 DATE 30 Day 4 Mo 70 Yr
 SURVEYOR P. J. Price RODMAN G. J. ... WEATHER 11/11 PTS No _____



TIME	Sighting	Single Distance	HEAMAN OF VERNIER			ROD READING				Angular Elev. Diff	Final Elev. D"	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST	ROD			
		400	40	-		+11.9	-4.0	-10.8			6388.9	-	1290			
		200				9.7		-8.0			6387.1	-	1290			
		0				4.0		-2.0			6390.5	-	1292			
		200	53	+3		11.1	+6.0	-4.8			6401.7	-	1294			
		400	53	+3		12.5	+8.0	-7.5			6406.2	-	1295			
		600	53	+3		11.2	+8.0	-7.0			6413.2	-	1295			
		700	53	+2		12.5	+8.0	-7.5			6413.2	-				
		200	45	-		7.4	-5.5	-13.0			6400.0	-				
		200				9.7		-8.0			6401.1	-	1297			
		0				4.2		-4.0			6406.5	-	1295			
		200	51	+1		10.5	+2.0	-1.5			6433.2	-	1290			
		400	53	+3		14.4	+2.0	-7.0			6433.4	-	1290			
		600	54	+4		16.9	+24.0	-7.1			6447.4	-	1291			
		700	54	+4		19.2	+24.0	-7.0			6447.4	-				
		675	45	-S(0)		14.9	+33.5	+45.7			6511.2	-				

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA R. Mc Spcc STATE Ill PAGE No 24
 LINE No 22 PARTY No 1000 DATE 30 Day 4 Mo 75 Yr
 SURVEYOR F. J. C. RODMAN ... WEATHER wind PTS No ...



LINE	Sight	Stadia Distance	HEAVEN OR VERNIER			ROD READINGS				ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair	Angular Elev Diff	Final Elev Diff			
		200	45	-5			-14.0					6620	1301	
		400	45	-4			-15.0					6621	1302	
		200	45	-2			-13.9					6622	1304	
		0					-4.0					6623	1305	
		200	55	-2			-12.0					6624	1306	
		250	57	-4			-12.0					6625		
		500	43	-7.6			-11.0					6626		
		400	45				-10.8					6627	1307	
		200	45				-15.0					6628	1308	
		0					-4.0					6629	1309	
		200	60	-10			-12.0					6630	1310	
		400	60	-10			-14.0					6631	1311	
		200	65	-10			-12.0					6632	1312	
		200	65	-10			-12.0					6633	1313	
		500	60	-10			-15.0					6634	1314	
		200	61	-11			-15.0					6635	1315	
		200	44	-6.0			-12.0					6636	1316	

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA 2 1/2 M² Spruce STATE Utah PAGE No 36
 LINE No 115 PARTY No. 1740 DATE 2 Day 5 Mo 78 Yr. BOOK No _____
 SURVEYOR Paul Farn RODMAN Crow WEATHER Wind P.T.S. No _____



LINE	SIGHT DISTANCE	Stadia Distance	REAMAN OR VERNIER			ROD READING				ELEVATIONS		▲ BS O FS - SS	Station	FINAL ELEVATIONS	REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair	Angular Elev Diff	Final Elev Diff					INST
		0	33	-7					-12.0	-34.0	-45.9		7040.3	-	327	
		0							4.0				7094.3	-	328	
		2.25	65	+16					0.7	+22.0	+18.7		7116.1	-	329	
		31.0	53	-5					-1.2	+40.3	+33.4		7156.5	-	330	
		95							-2.2				7186.6	-	331	
		0							4.0				7180.9	-	332	
		5.00	55	+42					2.0	+4.0	+9.2		7190.0	-	333	
		31.0	47	-10					2.0	+4.2	+9.2		7090.0	-	334	
		1.65	35	-12					-14.8	+24.5	+27.0		7045.0	-	335	
		3.65	41	-6					-7.8	+25.0	+25.0		7045.0	-	336	
		55.0	40	-1					-12.1	+5.5	+16.0		7116.6	-	337	
		75.0							-6		-6.1		7116.6	-	338	
		90							+10		+10.0		7100.0	-	339	
		11.0	61	+11					-1.2	+18.1	+16.9		7100.0	-	339	
		53.0	37	-3(4)					-10.0	-4.1	+5.5		7170.0	-	340	

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA Roller Sp STATE Ill PAGE No 3
 LINE No 7 PARTY No 102 DATE 5 Day 1 Mo 1 Yr 19
 SURVEYOR W. J. ... RODMAN ... WEATHER ... P.T.S. No ...



LINE	Sight Distance	BEAMING OR VERNER			ROD READING			Angle of Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
		Level	Inclined	Angle of Factor	Horizontal Reading	Correction	Center Hair			NST	ROD			
	210			2			+2.2	-12.0	1217.8	715.6				
	210						-2.0	-12.0	1215.8	713.6				
	210						-2.0	-12.0	1213.8	711.6				
	155		SS	SE			-4.0	-12.0	1210.0	708.0				
							-2.0	-12.0	1208.0	706.0				
	205		21	75			+14.1	-12.0	1222.1	720.1	L			
	205		21	75			-13	-12.0	1209.1	707.1				
	210		21	75			-2.9	-12.0	1206.2	704.2				
	210						-2.0	-12.0	1204.2	702.2				
	200		SS	SE			-2.0	-12.0	1202.2	700.2				
	205		SS	SE			-2.0	-12.0	1199.2	697.2				
	200						+11.7	-12.0	1211.7	709.7				
	210						-4.0	-12.0	1207.7	705.7				
	210						-2.0	-12.0	1205.7	703.7				
	315		SS	SE			+1.1	-12.0	1216.7	714.7				

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA River Spec STATE Utah PAGE No. 39
 LINE No. 5 PARTY No. 1760 DATE 4 Day 5 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Floyd RODMAN Crow WEATHER cloudy, cold P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	SEAMAN OR VERNER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center hair			INSTR	ROD			
												7251.9				
		0							+5.2			7257.1	Δ	1253		
		205	92	16	32				-6.7			7240.4	-	1254		
		410	89	12	10				-6.7			7256.0	-	1255		
		610	84	07	55				-10.0			7256.2	○	1256		210 30 34
		0							+5.0			7261.2	Δ			
		200	51	06	25				-6.7			7267.4	-	1257		
		400	87	15	47							7273.9	-	1258		
		600	87	07	47							7284.9	-	1259		
		800	87	00	20							7296.6	-	1260		
		1000	87	05	52							7305.5	-	1261		
		1200	86	59	41				-10.0			7309.5	-	1262		187 54 42
		1370	87	16	19				-6.7			7320.1	-	1263		
		1540	86	51	10				-6.7			7329.6	-	1264		
		1760	86	59	17				-5.0		-85 4	7347.0	○	1265		195 54 34

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA 2 mls Spec STATE Utah PAGE No 40
 LINE No 5 PARTY No Jan DATE 4 Day 5 Mo 70 Yr
 SURVEYOR Gold RODMAN Crow WEATHER cloud PTS No _____



LINE	Reading or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angle Elev Diff	Final Elev D ^{ft}	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST			
		0						+5.6		7033.6					
	120		99	44	44			-5.6				7028.0	1366	222	15 12
	0							+5.2		7016.0					
	180		102	48	48			-5.2			7010.8		1371		
	240		107	51	51						7005.6		1376		
	300		102	48	48						7190.5				
	360		107	51	51						7185.7				
	420		102	48	48						7180.9				
	480		107	51	51						7176.1				
	080		102	48	48			-5.2			7093.6		1372	173	25 05
	0							+5.6		7036.0					
	180		99	44	44			-5.6			7030.4		1376	105	51 24
	240		102	48	48			-5.6			7024.8		1376	153	07 07
	300		107	51	51			-5.6			7019.2		1376	128	07 29
	360		102	48	48			-5.6			7013.6		1376	123	07 53
	420		107	51	51			-5.6			7008.0		1376	118	08 16

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA Road Spruce STATE Utah PAGE No 41
 LINE No 110 PARTY No. 1740 DATE 4 Day 5 Mo. 12 Yr. BOOK No _____
 SURVEYOR Long RODMAN Clay WEATHER Clear P.T.S. No _____



LINE	Beginning or Sight	Stadia Distance	HEAMAN OR VERNIER			ROD READING			Angular Elev Diff	Final Elev Diff	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST			
		0						15.2		6926.3					
		270	97	28	33			-5.0		6926.3		127E	270 28 33		
		0						15.2		6936.0					
		190	95	0	37			-6.7		6936.0		127E			
		300	92	10	30					6936.0		127E			
		350	95	23	30					6936.0		127E			
		750	95	05						6936.0		127E			
		970	92	33	27					6936.0		127E			
		1170	92	37						6936.0		127E			
		1350	92	12	20			-10.0		6936.0		127E	109 54 07		
		0						15.2		6929.0					
		200	93	24	20			-6.7		6929.0		127E			
		200	93	33	24					6929.0		127E			
		60	92	22	20					6929.0		127E			
		350	93	37	21					6929.0		127E			
		1000	92	32	27			-5.0		6929.0		127E	109 54 07		

WORKED BY _____ CHECKED BY F 2nd _____

STADIA SURVEY NOTES

AREA Spec STATE Utah PAGE No 42
 LINE No 7-5 PARTY No. 1740 DATE 4 Day 5 Mo. 72 Yr. BOOK No _____
 SURVEYOR W.C. RODMAN Crow WEATHER cloud P.T.S No _____



LINE	Sighting or Point	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev Diff	Final Elev Diff	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST	ROD			
												676.6				
												673.0		130		
												6709.6		130		
												667.0	○	1302		175 26 35
												665.0	○	1302		200 25 00
												662.0	○	1302		210 25 25
												659.0	○	1302		220 24 40
												656.0	○	1302		
												653.0	○	1302		

WORKED BY _____ CHECKED BY 7 _____ 2nd _____

STADIA SURVEY NOTES

AREA P. M. Spruce STATE Utah PAGE No. 13
 LINE No. # 5 PARTY No. 740 DATE 4 Day 6 Mo. 7 Yr. BOOK No. _____
 SURVEYOR Smith RODMAN Stout WEATHER Clear PTS No. _____



LINE	Sighting or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff	Final Elev. Diff	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Reas	Reading	Correction			Center Hair	INST			
		0													
		123		93 11 59							6596.5	66	0	1400	100 32 17
		200		93 54 16							6591.4	6	0	1400	100 32 17
		200		93 55 53							6590.5	6	0	1400	49 02 45
		200		93 55 45							6585.2	6	0	1400	100 32 17
		200		93 57 43							6569.7	6	0	1400	100 32 17
		400		93 58 53							6569.7	6	0	1400	89 51 57
		200		94 02 27							6561.9	6	0	1400	
		400		93 58 20							6561.9	6	0	1400	

WORKED BY _____ CHECKED BY 7 _____ 2nd _____

STADIA SURVEY NOTES

AREA W. Main Spgs STATE Ill. PAGE No 44
 LINE No #5 PARTY No. 1740 DATE 4 Day S Mo. 70 Yr. BOOK No _____
 SURVEYOR W. H. ... RODMAN Good WEATHER cloudy P.T.S. No _____



LINE	Bearing or Spt	Stadia Distance	BEAMAN OR VERNER			ROD READING				Angular Elev Diff	Final Elev Diff	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST	ROD			
		600		100 00 50								6400.0	3	1400		
		0										6400.0	L			
		200		40 00 00								6400.0	L	1400		
		300		30 00 00								6400.0	0	1400		
		0										6400.0	L			
	70	0		00 00 00								6400.0	L	1400		
	270	0		00 00 00								6400.0	L	1400		
	45	0		30 41 18								6400.0	0	1400		
	0	0										6400.0	L			
	130	0		34 46 07								6419.6	3	1411		
	0	0										6420.0	L			
	0	800		94 16 10								6400.0	0	1411		
	0	0										6410.4	L			
	0	200		95 00 00								6380.0	-	1411		

WORKED BY _____ CHECKED BY L 2nd _____

STADIA SURVEY NOTES

AREA P. Mtn Spec STATE Utah PAGE No 45
 LINE No #5 PARTY No. 1740 DATE 7 Day 5 Mo. 72 Yr. BOOK No _____
 SURVEYOR Boyd RODMAN Coats WEATHER cloud PTS No _____



LINE	Sighting or Sight	Stadia Distance	BEAMAN OR VERNER			ROD READING				Angular Elev Diff	Final Elev Diff	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle of Factor	Hair Read	Reading	Correction	Center Hair			INST	ROD			
		400	92 22 30									6370.2	-	1418		
		350	94 00 00									6355.1	0			152 03 21
		110	90 03 12									6365.5	L			
		280	95 17 05									6350.4	0	1419		161 54 35
		0	94 07 05									6340.1	L			
		200										6318.4	0	1420		170 07 51
		0										6320.8	0			
		250	90 45 10									6302.2	0	1415		
		0										6307.6	L			
		110	93 15 02									6285.7	0	1419		218 15 02
		0										6291.1	L			
		200	90 15 11									6269.6	-	1420		
		400	92 30 05									6250.2	-	1421		

WORKED BY _____ CHECKED BY + _____ 2nd _____

STADIA SURVEY NOTES

AREA P. M. Spec STATE Ill PAGE No 46
 LINE No #2 PARTY No 740 DATE 4 Day 5 Mo 70 Yr
 SURVEYOR Boyd RODMAN Good WEATHER clear P.T.S. No _____



LINE	Beam of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev Diff	Final Elev Diff	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST	ROD			
		88.0		3.0								6051.5	1432			
		88.0		0.1								62	1432			150 34 10
		42.0		0.2								6073.1	1432			
		42.0		0.2								6204.2	1432			
		42.0		1.2								6186.6	1432			
		42.0		0.4								6170.5	1432			
		42.0		0.4								6152.9	1432			
		42.0		0.1								6143.2	1432			
		42.0		0.1								6133.5	1432			
		42.0		0.2								6114.2	1432			
		42.0		0.3								6102.8	1432			150 34 10
		42.0		4.5								6118.0	1432			
		42.0		4.2								6082.1	1432			
		42.0		9.2								6074.7	1432			
		42.0		9.5								6057.1	1432			
		42.0		9.1								6079.5	1432			220 34 10

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA El Mita Spore STATE Utah PAGE No 47
 LINE No 35 PARTY No 1740 DATE 4 Day 5 Mo. 40 Yr. BOOK No _____
 SURVEYOR Paul RODMAN Claw WEATHER mild PTS No. _____



LINE	Bearing or Sight	Stadia Distance	REAMARK OF VERNIER			ROD READING				Angular Elev Diff	Final Elev D''	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST	ROD			
												6088.0				
				92	57	25						6070.6		1424		
				92	17	27						6058.3		1425		
				92	14	32						6054.9		1426		
				92	16	37						6046.4		1427		
				92	20	41						6037.6		1428		
				92	23	23						6033.3		1429		
				92	26	33						6019.1		1430		
		155		92	26	39						6012.2		1431		1432 41 05
												6017.5				
				91	57	06						6004.3		1432		
				91	57	11						5997.0		1433		
		200		92	15	23						5991.3		1434		1432 41 05
												5994.2				
		200		91	45	09						5981.7		1435		
		200		91	46	39						5975.2		1436		

WORKED BY _____ CHECKED BY 1- _____ 2nd _____

STADIA SURVEY NOTES

AREA Rocky Hill Spce STATE Utah PAGE No 48
 LINE No #5 PARTY No 1740 DATE 4 Day E Mo 70 Yr
 SURVEYOR Boyd RODMAN Clow WEATHER mild PTS No



LINE	Sighting or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev Diff	Final Elev Diff	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hor. Read	Reading	Correction			Center Hair	INST			
		200	0	59	59			-5.0	-2		5971.1			193 20 20	
		0						-5.0			5976.3				
	100		0	59	59			-6.7			5981.2		1465		
	150		0	59	59			-6.7			5986.0		1450		
	200		0	59	59			-6.7			5990.8		1435		
	250		0	59	59			-6.7			5995.6		1420		
	300		0	59	59			-6.7			5997.7		1405		
	350		0	59	59			-6.7			5999.0		1390		
	400		0	59	59			-6.7			6000.0		1375		
	450		0	59	59			-6.7			6001.0		1360		
	500		0	59	59			-6.7			6002.0		1345		
	550		0	59	59			-6.7			6003.0		1330	125 01 52	
	0							-5.0	-10		5915.0				
	100		90	59	59			-6.7			5905.0		1457		
	150		0	59	59			-6.7			5899.7		1442		
	200		90	59	59			-6.7			5894.4		1427		
	250		90	59	59			-6.7			5889.1		1412	187 30 53	

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA 2. Mill Sp. STATE Utah PAGE No. 50
 LINE No. 101 PARTY No. 40 DATE 4 Day 5 Mo. 70 Yr. BOOK No. _____
 SURVEYOR John RODMAN John WEATHER cloud PTS No. _____



LINE	Bearing or Sph	Stadia Distance	FRAMM OF VERNER			ROD READING				Angular Elev Diff	Final Elev Diff	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST	ROD			
		287										5841.4				
		287										5841.2				
		287										5841.0				
		287										5841.7				
		287										5839.9				
		0										5842.3				
		287										5835.7				
		287										5832.2				
		287										5832.3				
		287										5831.2				
		287										5831.0				
		287										5831.0				
		0										5842.1				
		287										5835.7				
		287										5831.6				
		287										5831.0				
		0										5842.4				

WORKED BY _____ CHECKED BY _____ 2nd

STADIA SURVEY NOTES

AREA 2 Hwy Sprc STATE Utah PAGE No 51
 LINE No 115 PARTY No 1740 DATE 4 Day 2 Mo 76 Yr BOOK No _____
 SURVEYOR David RODMAN 1.6100 WEATHER cloud P.T.S. No _____



TIME	bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. D. ft.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	inclined	Angle or Factor	Hair Reada	Reading	Correction			Center Hair	INST			
		220	0	19	15		-5.0				5902.3	-	1480		
		230	0	23	01		-3.0		-10.5		5897.8	+	1427		
		0					-5.0			5906.2		Δ			
		0	0	00	02		-0.2				5872.0	-	1485		
		0	0	10	01		-0.7				5890.5	-	1420		
		0	0	10	01		-0.7				5891.0	-	1421		
		0	0	20	01		-0.7				5895.1	-	1425		
		0	0	20	01		-0.7		-9		5895.2	-	1425		
		0					-5.0			5995.9		Δ			
		200	0	30	01		-0.7				5891.2	-	1421		
		400	0	30	01		-0.7				5891.2	-	1421		
		600	0	30	01		-0.7				5875.8	-	1425		
		800	0	20	01		-0.7				5869.4	-	1425		
		000	0	15	01		-5.0		-35.5		5863.1	+	1420	107 3" 5"	
		0					-5.0			5862.6		Δ			

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA Rocky Mtn Spec STATE Utah PAGE No 54
 LINE No EE PARTY No 1740 DATE 25 Day 5 Mo 18 Yr 86 BOOK No _____
 SURVEYOR Boyd RODMAN Cloud WEATHER 100% P.T.S. No _____



LINE	Eleving or Sight	Stadic Distance	HEAMAN OR VERNIER			ROD READING			Angular Elev. D.H.	Elev. D.H.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Reas	Reading	Correction			Center Hair	NSI			
		1150	55	35	12			410.0	410.0		5940.0	5	1520		
		0						45.0			5925.0				
		200	55	35	12			460.0			5940.0	6	1520		
		200	55	35	12			460.0			5920.0	6	1520		
		400	57	35	12			450.0			5920.0	6	1520		
		0						45.0			5925.0	7	1520		
		200	55	35	12			460.0			5940.0	7	1520		
		200	55	35	12			460.0			5920.0	7	1520		
		400	57	35	12			450.0			5920.0	7	1520		
		0						45.0			5925.0	8	1520		
		200	57	35	12			460.0			5940.0	8	1520		
		200	55	35	12			460.0			5920.0	8	1520		
		400	57	35	12			450.0			5920.0	8	1520		
		0						45.0			5925.0	9	1520		

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA R. M. Spr STATE Utah PAGE No 55
 LINE No 11 PARTY No 1740 DATE 2 Day 1 Mo 10 Yr 78 BOOK No _____
 SURVEYOR W. J. ... RODMAN ... WEATHER ... PTS. No. _____



LINE	Bearing or Sight	Stadia Distance	REAMAN OR VERNIER			ROD READING			ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair	Inst Elev			
		147								5988.0	153		
										5993.6			
										5997.7			
		260								5998.0	154		
		260								5997.0	155		
		300								6000.3	156		
		300								6007.5	157		
		300								6016.4	158		
										6018.4			
										6013.4	159		
										6019.5	160		
										6022.4	161		
										6053.6	162		
										6053.0	163		
										6026.5	164		

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA P. W. Spore STATE Utah PAGE No. 56
 LINE No. 1-5 PARTY No. 1710 DATE 5 Day 3 Mo. 78 Yr. BOOK No. _____
 SURVEYOR P. W. Spore RODMAN Clayton WEATHER cloud P.T.S. No. _____



LINE	Bearing or Sight	Stad. Distance	BEAMAN OR VERNER			ROD READING				Angular Elev. Diff.	Finc. Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INCL	ROD			
												6038.0				
		200	80	2	27							6037.5	-	150		
		300	80	1	16							6039.1	-	150		
		400	80	1	5							6030.7	-	150		
		500	80	1	20							6033.8	-	150		
		600	80	1	00							6039.3	-	150		
		700	80	1	40							6042.1	-	150		
		800	80	1	30							6043.0	-	150		
		900	80	1	20							6047.2	-	150		
		1000	80	1	10							6053.0	-	150		
		1100	80	1	00							6059.6	-	150		
		1200	80	1	00						+27.6	6065.1	-	150		
		200	80	1	10							6063.0	-	150		
		300	80	1	00							6065.4	-	150		
		400	80	1	30							6060.4	-	150		
		500	80	1	20							6069.3	-	150		
		600	80	1	10							6071.1	-	150		
		700	80	1	00							6074.8	-	150		

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA P. H. S. Spas STATE Ohio PAGE No 57
 LINE No # 1 PARTY No 1740 DATE 1 Day 1 Mo 7 Yr
 SURVEYOR Boyd RODMAN Clark WEATHER Cloud PTS No

LINE	bearing or Sight	Stadia Distance	HEAMAN OR VERNIER			ROD READING			Anquitr Elev D. H.	Final Elev D. H.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST			
		1400		80	47	24		-0.1			6080.8	-	1848		
		1460		80	21	45		-0.1	+17.7		6082.8	-			
								+0.1		6088.3	-				
				50	0	60		+0.1		6083.1	-	1848			
				80	0	21		-		6083.1	-	1848			
				80	0	21		-		6081.4	-	1848			
				90	0	21		-0.1	-6.3	6082.1	-	1848			
								+0.1		6087.8	-				
		200		90	0	21		-0.1		6080.8	-	1848			
		400		90	0	21		-		6079.2	-	1848			
		600		90	0	21		-		6077.6	-	1848	57	1848 E	
		800		90	0	21		-		6076.8	-	1848			
		1000		90	0	21		-		6075.8	-	1848			
		1200		90	0	21		-		6075.1	-	1848	1848	30 E	
		1400		90	0	21		-		6075.1	-	1848			
		1600		90	0	21		-		6075.8	-	1848			
		1800		90	0	21		-		6075.8	-	1848			
		2000		90	0	21		-0.1	-12.2	6074.7	-	1848	1848	1848 E	

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA P. H. S. Spc STATE Ill PAGE No 10
 LINE No 15 PARTY No 110 DATE 4 Day 5 Mo 76 Yr. BOOK No _____
 SURVEYOR Card RODMAN Card WEATHER Clear P.T.S. No. _____

LINE	Sight or Sight	Stadia Distance	HEAMAN OR VERNER			ROD READING				Angular Elev Diff	Final Elev Diff	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST	ROD			
		2.00	2.1	2.2								6091.7				
		2.00	2.0	2.0								6094.8				
		2.00	2.0									6093.4				
												6094.2				
		2.00	2.0	2.0								6096.2				
		2.00	2.0									6096.1				
												6096.3				
		2.00	2.0	2.0								6095.3				
		2.00	2.0	2.0								6097.1				
		2.00	2.0	2.0								6097.0				
		2.00	2.0	2.0								6097.0				
		2.00	2.0	2.0								6096.9				
		2.00	2.0	2.0								6096.4				
		2.00	2.0	2.0								6096.6				
		2.00	2.0	2.0								6096.2				
		2.00	2.0	2.0								6096.4				
		2.00	2.0	2.0								6096.1				

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA R.M. Sp... STATE Ill PAGE No 60
 LINE No 75 PARTY No 1740 DATE 5 Day 5 Mo 78 Yr BOOK No
 SURVEYOR Boyer RODMAN ... WEATHER P.T.S No



TIME	Sight or Sight	Stadia Distance	REAMAN OR VERNER			ROD READING				Angular Elev. Diff	Elev C''	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hi. Read	Reading	Corrector	Center Hair			INST	RCD			
		1200	80	27								6094.4	-	165		
		2400	50	17	37							6093.7	3	165		165 31 07
		0										6099.1	L			
		200	40	10	00							6096.0	-	165		
		400	40	10	00							6091.5	-	165		
		600	40	10	00							6092.9	-	165		
		800	40	10	00							6093.4	-	165		
		1000	40	10	00							6093.5	-	165		
		1200	40	10	00							6093.2	-	165		
		1400	40	10	00							6091.8	3	165		193 01 06
		0										6097.3	L			
		200	40	10	00							6092.0	-	165		
		400	40	10	00							6088.1	-	165		
		600	40	10	00							6087.6	-	165		
		800	40	10	00							6087.8	-	165		
		1000	40	10	00							6087.9	-	165		
		1200	40	10	00							6085.7	-	165		

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA 2 1/2 Miles Spruce STATE Ill. PAGE No 01
 LINE No # 3 PARTY No. 1740 DATE 5 Day 5 Mo. 78 Yr. BOOK No _____
 SURVEYOR Wood RODMAN Wood WEATHER cloud P.T.S. No _____



LINE	Beginning or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Reas	Reading	Correction	Center Hair			INST	ROD			
		600	10	01								6090.2				
		600	20	01								6091.5				
		600	30	01								6092.6				
		600	40	01								6093.6				
		600	50	01								6094.5				
		600	60	01								6095.5				
		600	70	01								6096.4				
		600	80	01								6097.3				
		600	90	01								6098.2				
		600	100	01								6099.1				
		600	110	01								6099.6				
		600	120	01								6099.4				
		600	130	01								6099.2				
		600	140	01								6099.0				
		600	150	01								6098.8				
		600	160	01								6098.6				
		600	170	01								6098.4				
		600	180	01								6098.2				
		600	190	01								6098.0				
		600	200	01								6097.8				
		600	210	01								6097.6				
		600	220	01								6097.4				
		600	230	01								6097.2				
		600	240	01								6097.0				
		600	250	01								6096.8				
		600	260	01								6096.6				
		600	270	01								6096.4				
		600	280	01								6096.2				
		600	290	01								6096.0				
		600	300	01								6095.8				

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA R. Hill Spr STATE Ill PAGE No 62
 LINE No 45 PARTY No 1740 DATE 5 Day 5 Mo 10 Yr 19 BOOK No _____
 SURVEYOR Edgell RODMAN Carroll WEATHER Clear P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	REAMAN OR VERNIER			ROD READING				Angular Elev Diff	Finc Elev Diff	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hor. Read	Reading	Correction	Center Hair			INST	ROD			
		500	90	30	00								6072.0			
		1000	90	29	30								6076.0			
		1500	90	27	00								6075.0			
		2000	90	24	30								6070.0			
		2500	90	21	00								6070.0			
		3000	90	21	00								6070.0			
		3500	90	21	00								6070.0			
		4000	90	21	00								6070.0			
		4500	90	21	00								6070.0			
		5000	90	21	00								6070.0			
		5500	90	21	00								6070.0			
		6000	90	21	00								6070.0			
		6500	90	21	00								6070.0			
		7000	90	21	00								6070.0			
		7500	90	21	00								6070.0			
		8000	90	21	00								6070.0			
		8500	90	21	00								6070.0			
		9000	90	21	00								6070.0			
		9500	90	21	00								6070.0			
		10000	90	21	00								6070.0			
		10500	90	21	00								6070.0			
		11000	90	21	00								6070.0			
		11500	90	21	00								6070.0			
		12000	90	21	00								6070.0			
		12500	90	21	00								6070.0			
		13000	90	21	00								6070.0			
		13500	90	21	00								6070.0			
		14000	90	21	00								6070.0			
		14500	90	21	00								6070.0			
		15000	90	21	00								6070.0			
		15500	90	21	00								6070.0			
		16000	90	21	00								6070.0			
		16500	90	21	00								6070.0			
		17000	90	21	00								6070.0			
		17500	90	21	00								6070.0			
		18000	90	21	00								6070.0			
		18500	90	21	00								6070.0			
		19000	90	21	00								6070.0			
		19500	90	21	00								6070.0			
		20000	90	21	00								6070.0			
		20500	90	21	00								6070.0			
		21000	90	21	00								6070.0			
		21500	90	21	00								6070.0			
		22000	90	21	00								6070.0			
		22500	90	21	00								6070.0			
		23000	90	21	00								6070.0			
		23500	90	21	00								6070.0			
		24000	90	21	00								6070.0			
		24500	90	21	00								6070.0			
		25000	90	21	00								6070.0			
		25500	90	21	00								6070.0			
		26000	90	21	00								6070.0			
		26500	90	21	00								6070.0			
		27000	90	21	00								6070.0			
		27500	90	21	00								6070.0			
		28000	90	21	00								6070.0			
		28500	90	21	00								6070.0			
		29000	90	21	00								6070.0			
		29500	90	21	00								6070.0			
		30000	90	21	00								6070.0			
		30500	90	21	00								6070.0			
		31000	90	21	00								6070.0			
		31500	90	21	00								6070.0			
		32000	90	21	00								6070.0			
		32500	90	21	00								6070.0			
		33000	90	21	00								6070.0			
		33500	90	21	00								6070.0			
		34000	90	21	00								6070.0			
		34500	90	21	00								6070.0			
		35000	90	21	00								6070.0			
		35500	90	21	00								6070.0			
		36000	90	21	00								6070.0			
		36500	90	21	00								6070.0			
		37000	90	21	00								6070.0			
		37500	90	21	00								6070.0			
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		38500	90	21	00								6070.0			
		39000	90	21	00								6070.0			
		39500	90	21	00								6070.0			
		40000	90	21	00								6070.0			
		40500	90	21	00								6070.0			
		41000	90	21	00								6070.0			
		41500	90	21	00								6070.0			
		42000	90	21	00								6070.0			
		42500	90	21	00								6070.0			
		43000	90	21	00								6070.0			
		43500	90	21	00								6070.0			
		44000	90	21	00								6070.0			
		44500	90	21	00								6070.0			
		45000	90	21	00								6070.0			
		45500	90	21	00								6070.0			
		46000	90	21	00								6070.0			
		46500	90	21	00								6070.0			
		47000	90	21	00								6070.0			
		47500	90	21	00								6070.0			
		48000	90	21	00								6070.0			
		48500	90	21	00								6070.0			
		49000	90	21	00								6070.0			
		49500	90	21	00								6070.0			
		50000	90	21	00								6070.0			
		50500	90	21	00								6070.0			
		51000	90	21	00								6070.0			
		51500	90	21	00								6070.0			
		52000	90	21	00								6070.0			
		52500	90	21	00								6070.0			
		53000	90	21	00								6070.0			
		53500	90	21	00								6070.0			
		54000	90	21	00								6070.0			
		54500	90	21	00								6070.0			
		55000	90	21	00								6070.0			
		55500	90	21	00								6070.0			
		56000	90	21	00								6070.0			
		56500	90	21	00								6070.0			
		57000	90	21	00								6070.0			
		57500	90	21	00								6070.0			
		58000	90	21	00								6070.0			
		58500	90	21	00								6070.0			
		59000	90	21	00								6070.0			
		59500	90	21	00								6070.0			
		60000	90	21	00								6070.0			
		60500	90	21	00								6070.0			
		61000	90	21	00								6070.0			
		61500	90	21	00								6070.0			
		62000	90	21	00								6070.0			
		62500	90	21	00								6070.0			
</																

LAND SEISMIC RECORDING



CLIENT: G.S.I. PROSPECT: ROCKY MOUNTAIN SPEC AREA: REAR
 PARTY NO: 1740 INST. ENG: TOM POHL STEW BIRDICK PAGE 1 OF 1 OTHER PARAMETERS

INSTRUMENT (9-TRACK) 1 SYSTEM 2 SYSTEMS 1-24 & 25-48 1-48 & 49-96 ODDS & EVENS TYPE: DFS III DFS II OTHER CDX 9 TRACK 21 TRACK
 NO. BYTES IN HEADER REC: 276 NO. BYTES IN RECORD ID: _____ NO. BYTES PER SCAN: 314 RECORD NUMBERS _____

CONFIGURATION (MAG TAPE) FIELD TRACE NOS: 1-96 DATA CHANNEL NOS: 6-101 (ON MAG TAPE) AUXILIARY _____

PARAMETER RECORD LENGTH: 16 sec. SAMPLE RATE: 1 ms. 4 ms. 2 ms. GAIN MODE: INITIAL MANUAL FINAL OPERATE IFP FILTERS: _____

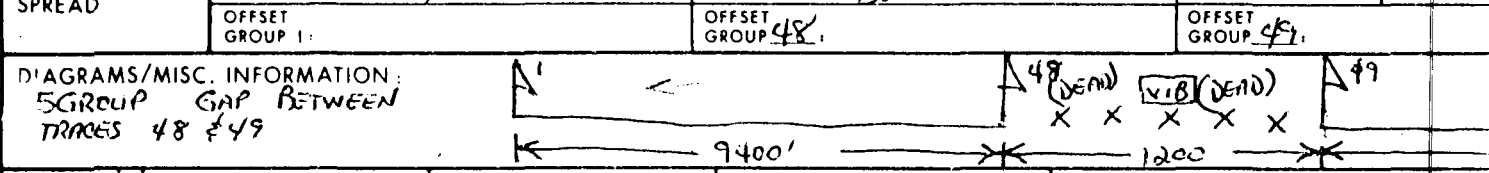
DISPLAY MODE: AGC FLOAT DEFLOAT AMPLIFIER DIRECT INITIAL GAIN: _____ db JTRIP SENS: _____ db POLARITY CONVENTION: _____

CFS I TYPE STACK: VERTICAL GATE LENGTH: 64 ms RECORD REJECTION: AUTO EDIT NOISE REDUCTION: _____

SOURCE TYPE: DYNAMITE VIBROSEIS OTHER 2 VIBS PATTERN: INLINE NO. OF POSITIONS: 16 INLINE SPACING: 25' LATERAL SPACING: _____

RECEIVER TYPE: D20-10 PATTERN: INLINE NO. OF ELEMENTS: 24 PER CONNECTION: SER PAR RESISTANCE: 220 ohms STAGGER: _____

SPREAD NO. OF GROUPS: 96 GROUP INTERVAL: 200' SHOTPOINT INTERVAL: 400' OFFSET GROUP 1: _____ OFFSET GROUP 48: _____ OFFSET GROUP 49: _____



SHOTPOINT	TR. _____ to _____		TR. _____ to _____		SHOT								SPREAD		
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS				
1807	535981	10	17	2223	26	27	29	30	32	35	37	83	806	857	
1809		12										81	806	859	
1811		13										79	806	861	
1813		14										77	806	863	
1815		15										75	806	865	
1817		16										73	806	867	
1819		17										71	806	869	
1821		18										69	806	871	
1823		19										67	806	873	
1825		20										65	806	875	
1827		21										63	806	877	
1829		22										61	806	879	
1831		23										59	806	881	
1833		24										57	806	883	
1835		25										55	806	885	
1837	535982	26										53	806	887	
1839		27										51	806	889	
1841		28										49	806	891	
1843		29										47	806	893	
1845		30										45	806	895	

ID SEISMIC RECORDING LOG

START OF LINE 5

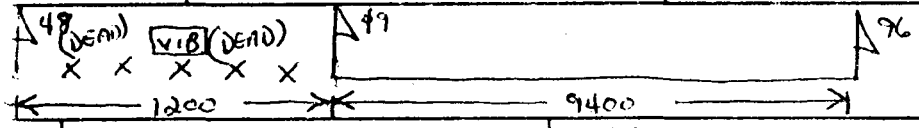
AREA: BEAVER UTAH LINE NO: 5
 DATE: MO 4 DAY 28 YR 78



OTHER PARAMETERS SAME AS PAGE 1
 DFS OTHER CDX 9 TRACK 21 TRACK FOPMAT: B SEG GAPPED UNGAPPED PACKING DENSITY: (LO) 356 BPI (HI) 712 BPI 800 BPI 1000 BPI
 BYTES SCAN: 314 RECORD NUMBERS: DEC OCT GAIN CONSTANT: 24 db INPUT IMPEDANCE: 2000 ohms
 (ON MAG TAPE) AUXILIARY DATA: TU SS RS RS RS RS RS RS
 AUXILIARY CHANNEL NOS.: 0 1 2 3 4 5 6


MODE: INITIAL MANUAL FINAL OPERATE FILTERS: FREQ. CUT LO CUT HZ SLOPE - HI CUT HZ SLOPE 70 NOTCH FILTER: IN OUT
 POLARITY CONVENTION: POSITIVE NEGATIVE } NUMBERS ON ON MAG. TAPE DOWNBREAK UPBREAK } ON DISPLAY
 NOISE REDUCTION: NOISE THRESHOLD: CORR. SCALING: 3 R.C.U. NORM./ALT SW. NORM

NO. OF POSITIONS: 16 INLINE SPACING: 25' LATERAL SPACING: STAGGER: LENGTH: 225' WIDTH: LATERAL OFFSET:
 SWEEP PER POSITION: 1 SWEEP START: 12 SWEEP END: 60 SWEEP LENGTH: 12.5 SEC SWEEP TAPER: .5 SEC PHASE COMP: IN
 NO. OF ELEMENTS: 24 PER GROUP INLINE SPACING: 2 8' LATERAL SPACING:
 STAGGER: LENGTH: 200' WIDTH: LATERAL OFFSET:
 SHOTPOINT INTERVAL: 400' FOLD: 24 DIRECTION OF PROGRESSION: EAST
 OFFSET GROUP: 47 OFFSET GROUP 48/96: LEADING GROUP: 1



DIR.	SPREAD			REMARKS:	CORR. STACK			
	CDP SWITCH	LINE GROUPS	SET UP		TR 1-48	TR 48-96	HT.	REC.
	83	806	857					
	81	806	859					
	79	806	861					
	77	806	863					
	75	806	865					
	73	806	867					
	71	806	869					
	69	806	871					
	67	806	873					
	65	806	875					
	63	806	877					
	61	806	879					
	59	806	881					
	57	806	883					
	55	806	885	Record # 16 NO GOOD				
	53	806	887	Record # 17 NO GOOD				
	51	806	889					
	49	806	891					
	47	806	893					
	45	806	895					

LAND SEISMIC RECORDING

	CLIENT:	G.S.I.	PROSPECT:	ROCKY MOUNTAIN SPEC	AREA:	PENNER
	PARTY NO:	1740	INST. ENG:	TOM POHL STEW BIRDICK PAGE 1 OF 7		

INSTRUMENT (9-TRACK)	<input checked="" type="checkbox"/> 1 SYSTEM	<input type="checkbox"/> 1-24 & 25-48	<input type="checkbox"/> ODDS & EVENS	TYPE:	<input type="checkbox"/> DFS III	<input checked="" type="checkbox"/> DFS V	<input checked="" type="checkbox"/> OTHER	<input checked="" type="checkbox"/> 9 TRACK	<input type="checkbox"/> 21 TRACK
	<input checked="" type="checkbox"/> 2 SYSTEMS	<input checked="" type="checkbox"/> 1-48 & 49-96			<input type="checkbox"/> DFS IV		CDX		
	NO. BYTES IN HEADER REC:	276	NO. BYTES IN RECORD ID:		NO. BYTES PER SCAN:	314		RECORD NUMBERS:	

CONFIGURATION (MAG TAPE)	FIELD TRACE NOS.:	1-96			AUXILIARY (
	DATA CHANNEL NOS.:	6-101			AUXILIARY (
		(ON MAG TAPE)			

PARAMETER	RECORD LENGTH: 16 sec.	SAMPLE RATE: <input checked="" type="checkbox"/> 1 ms. <input type="checkbox"/> 4 ms. <input checked="" type="checkbox"/> 2 ms. <input type="checkbox"/> ms.	GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> FINAL <input type="checkbox"/> OPERATE	FILTERS:
DISPLAY	MODE: <input checked="" type="checkbox"/> AGC <input type="checkbox"/> FLOAT <input type="checkbox"/> DEFLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> DIRECT	INITIAL GAIN: db	<input checked="" type="checkbox"/> IFP	

CFS I	TYPE STACK: VERTICAL	GATE LENGTH: 6.4ms	RECORD REJECTION: AUTO EDIT	NOISE REDUCTION:
-------	----------------------	--------------------	-----------------------------	------------------

SOURCE	TYPE: <input type="checkbox"/> DYNAMITE <input checked="" type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER	PATTERN: INLINE	NO. OF POSITIONS: 16	INLINE SPACING: 25'	LATERAL SPACING:
	2 VIBS	CHG/HOLE:	HOLE DEPTH:	SWEEP PER POSITION: 1	SWEEP START: 12

RECEIVER	TYPE: D20-10	PATTERN: INLINE	NO. OF ELEMENTS: 24 PER
	CONNECTION: SER PAR	RESISTANCE: 220 ohms	STAGGER:

SPREAD	NO. OF GROUPS: 96	GROUP INTERVAL: 200'	SHOTPOINT INTERVAL: 400'
	OFFSET GROUP 1:	OFFSET GROUP 48:	OFFSET GROUP 48:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR _____ to _____		TR _____ to _____		SHOT								SPREAD	
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS			
1847	5359	83	0035								49	806	897	
1849		136									47	806	899	
1851		137									45	806	901	
1853		138									43	806	903	
1855		139									41	806	905	
1857		140									39	807	907	
1859		141									37	807	909	
1861		142									35	811	911	
1863		143									33	813	913	
1865		144									31	815	915	
1867		145									29	817	917	
1869		146									27	819	919	
1871		147									25	821	921	
1873	5359	184	147								23	823	923	
1875		150									21	825	925	
1877		151									19	827	927	
1879		152									17	829	929	
1881		153									15	831	931	
1883		154									13	833	933	
1885		155									11	835	935	

SEISMIC RECORDING LOG

MAINTAIN SPEC BEAVER UTAH AREA: BEAVER UTAH LINE NO: 5
 DATE: 29 MO 4 DAY 29 YR 78



PAGE 1 OF 7

DFS OTHER CDX 9 TRACK 21 TRACK
 FOMAT: B GAPPED UNGAPPED
 PACKING DENSITY: (LO) 356 BPI (HI) 712 BPI 1600 BPI
 RECORD NUMBERS: DEC. OCT GAIN CONSTANT: 24 db INPUT IMPEDANCE: 2000 ohms
 AUXILIARY DATA: rw ss rs rs rs rs rs rs
 AUXILIARY CHANNEL NOS.: 0 1 2 3 4 5 6

MAIN MODE: INITIAL MANUAL FINAL OPERATE
 FILTERS: LO CUT HZ SLOPE - HI CUT HZ SLOPE 70 NOTCH FILTER: IN OUT
 POLARITY CONVENTION: NEGATIVE POSITIVE } NUMBERS ON MAG. TAPE DOWNBREAK UPBREAK } ON DISPLAY
 NOISE REDUCTION: AUTO EDIT NOISE THRESHOLD: 3 CORR. SCALING: 3 R.C.U. NORM./ALT SW. NORM

NO. OF POSITIONS: 16 INLINE SPACING: 25' LATERAL SPACING: STAGGER: LENGTH: 225' WIDTH: LATERAL OFFSET:
 SWEEP PER POSITION: 1 SWEEP START: 12 SWEEP END: 60 SWEEP LENGTH: 12 SEC SWEEP TAPER: 5 SEC PHASE COMP: IN
 NO. OF ELEMENTS: 24 PER GROUP INLINE SPACING: 8' LATERAL SPACING:
 STAGGER: LENGTH: 200' WIDTH: LATERAL OFFSET:
 SHOTPOINT INTERVAL: 400' FOLD: 24 DIRECTION OF PROGRESSION: EAST
 OFFSET GROUP: 49 OFFSET GROUP 48/96: LEADING GROUP: 1

DIR.	SPREAD			REMARKS:	CORR. STACK			
	CDP SWITCH	LINE GROUPS	SET UP		TR 1-48	TR 48-96	HI.	REC.
				Record #15 23 THRU 31 DRD				
				Record #15 32, 33 INST. NOISE				
				Record #15 34 LFA				
	49	806	897					
	47	806	899					
	45	806	901					
	43	806	903					
	41	806	905					
	39	807	907					
	37	807	909					
	35	811	911					
	33	813	913					
	31	815	915					
	29	817	917					
	27	819	919					
	25	821	921	Record # 45 A/C Good				
	23	823	923					
	21	825	925					
	19	827	927					
	17	829	929					
	15	831	931					
	13	833	933					
	11	835	935					

LAND SEISMIC RECORDING



CLIENT:	G.S.I.	PROSPECT:	ROCKY MOUNTAIN SPEC	AREA:	BEAVER
PARTY NO:	1740	INST. ENG:	Tom Bill STEW BUDAK	PAGE 2 OF 7 OTHER PROGRAMS:	

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	<input type="checkbox"/> ODDS & EVENS	TYPE: <input type="checkbox"/> DFS III <input type="checkbox"/> DFS IV	<input type="checkbox"/> DFS V <input type="checkbox"/> OTHER	<input type="checkbox"/> 9 TRACK <input type="checkbox"/> 21 TRACK
NO. BYTES IN HEADER REC:	NO. BYTES IN RECORD ID:		NO. BYTES PER SCAN:		RECORD NUMBERS:	
CONFIGURATION (MAG TAPE)	FIELD TRACE NOS: _____ DATA CHANNEL NOS: _____ (ON MAG TAPE)					AUXILIARY AUXILIARY C
PARAMETER	RECORD LENGTH: _____ sec.	SAMPLE RATE: <input type="checkbox"/> 1 ms. <input type="checkbox"/> 4 ms. <input type="checkbox"/> 2 ms. <input type="checkbox"/> _____ ms.	GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> IFP <input type="checkbox"/> FINAL <input type="checkbox"/> OPERATE		FILTERS: _____	
DISPLAY	MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> AGC <input type="checkbox"/> DEFLOAT <input type="checkbox"/> DIRECT	INITIAL GAIN: _____ db	TRIP SENS: _____ db		POLARITY CONVENTION: _____	
CFS I	TYPE STACK:	GATE LENGTH:	RECORD REJECTION:		NOISE REDUCTION:	
SOURCE	TYPE: <input type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER	PATTERN:	NO. OF POSITIONS:	INLINE SPACING:	LATER SPACI	
		CHG/ HOLE:	HOLE DEPTH:	SWEEP POSITION:	SWEEP START:	SWEEP END:
RECEIVER	TYPE:	PATTERN:		NO. OF ELEMENTS:		
	CONNECTION:	RESISTANCE: _____ ohms		STAGGER:		
SPREAD	NO. OF GROUPS:	GROUP INTERVAL:		SHOTPOINT INTERVAL:		
	OFFSET GROUP 1:	OFFSET GROUP _____:		OFFSET GROUP _____:		

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR _____ to _____	TR _____ to _____		SHOT										SPREAD		
		REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS				
1887	535984	1213	16	17	22	23	26	27	29	30	32	35	37	9	837	937
1889			157											7	839	939
1891			158											5	841	941
1893			157											3	843	943
1895			140											49	845	945
1897			141											47	847	947
1899			142											45	849	949
9101	535985		144											43	851	951
9103			145											41	853	953
9105			146											39	855	955
9107			147											37	857	957
9109			148											35	859	959
9111			149											33	861	961
9113			170											31	863	963
9115			171											29	865	965
9117			172											27	867	967
9119			173											25	869	969
9121			174											23	871	971
9123			175											21	873	973
9125			176											19	875	975

ID SEISMIC RECORDING LOG

AREA: BEAVER UTAH LINE NO: 5
 DATE: MO 4 DAY 29 YR 78
 PAGE 2 OF 7 OTHER PARAMETERS SAME AS PAGE 1



DFS OTHER
 9 TRACK 21 TRACK
 FORMAT: _____ SEG _____
 GAPPED UNGAPPED
 PACKING DENSITY: _____ (LO) 356 BPI 800 BPI (HI) 712 BPI 1600 BPI
 RECORD NUMBERS: _____
 DEC OCT
 GAIN CONSTANT: _____ db
 INPUT IMPEDANCE: _____ ohms.
 (1) (2) (3) (4) (5) (6) (7)

(ON MAG TAPE)
 AUXILIARY DATA: _____
 AUXILIARY CHANNEL NOS.: _____
 RUN MODE: INITIAL MANUAL FINAL OPERATE
 FILTERS: _____ LO CUT _____ HZ SLOPE _____ HI CUT _____ HZ SLOPE _____
 NOTCH FILTER: IN OUT
 POLARITY CONVENTION: _____ PRESSURE INCREASE ON GEOPHONE: NEGATIVE POSITIVE } NUMBERS ON MAG TAPE
 DOWNBREAK UPBREAK } ON DISPLAY
 NOISE REDUCTION: _____ NOISE THRESHOLD: _____ CORR. SCALING: _____ R.C.U. NORM./ALT SW. _____

NO. OF POSITIONS:	INLINE SPACING:	LATERAL SPACING:	STAGGER:	LENGTH:	WIDTH:	LATERAL OFFSET:
SWEEP POSITION:	SWEEP START:	SWEEP END:	SWEEP LENGTH:	SWEEP TAPER:	PHASE COMP:	

NO. OF ELEMENTS:	INLINE SPACING:	LATERAL SPACING:
STAGGER:	LENGTH:	WIDTH:
ohms	LATERAL OFFSET:	

SHOTPOINT INTERVAL:	FOLD:	DIRECTION OF PROGRESSION:
OFFSET GROUP:	OFFSET GROUP 48/96:	LEADING GROUP:

DIR.	SPREAD			REMARKS:	CORR. STACK			
	CDP SWITCH	LINE GROUPS	SET UP		YR 1-48		YR 48-96	
				HT.	REC.	HT.	REC.	
	9	837	937	871 872				
	7	839	939					
	5	841	941					
	3	843	943					
	49	845	945	919 920				
	47	847	947					
	45	849	949	Record # 63 No Good				
	43	851	951					
	41	853	953					
	39	855	955					
	37	857	957					
	35	859	959					
	33	861	961					
	31	863	963					
	29	865	965					
	27	867	967					
	25	869	969					
	23	871	971					
	21	873	973					
	19	875	975					

LAND SEISMIC RECORDING




CLIENT: G.S.I. PROSPECT: ROCKY MOUNTAIN SPEC AREA: BERNIE
 PARTY NO: 1740 INST. ENG: TOM BULL STEW BORDICK PAGE 3 OF 9 OTHER PARAMETERS

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	<input type="checkbox"/> ODDS & EVENS	TYPE: <input type="checkbox"/> DFS III <input type="checkbox"/> DFS IV	<input type="checkbox"/> DFS V <input type="checkbox"/> OTHER	<input type="checkbox"/> 9 TRACK <input type="checkbox"/> 21 TRACK
CONFIGURATION (MAG TAPE)	FIELD TRACE NOS. : _____ DATA CHANNEL NOS. : _____ (ON MAG TAPE)					AUXILIARY AUXILIARY
PARAMETER	RECORD LENGTH: _____ sec.	SAMPLE RATE: <input type="checkbox"/> 1 ms. <input type="checkbox"/> 4 ms. <input type="checkbox"/> 2 ms. <input type="checkbox"/> _____ ms.	GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> IFP <input type="checkbox"/> FINAL <input type="checkbox"/> OPERATE		FILTERS: _____	
DISPLAY	MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> AGC <input type="checkbox"/> DEFLOAT <input type="checkbox"/> DIRECT	INITIAL GAIN: _____ db	TRIP SENS: _____ db		POLARITY CONVENTION: _____	
CFS I	TYPE STACK: _____	GATE LENGTH: _____	RECORD REJECTION: _____		NOISE REDUCTION: _____	
SOURCE	TYPE: <input type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER	PATTERN: _____	NO. OF POSITIONS: _____	INLINE SPACING: _____	LATER SPACING: _____	
RECEIVER	CONNECTION: _____	CHG/HOLE: _____	HOLE DEPTH: _____	SWEEP POSITION: _____	SWEEP START: _____	SWEEP END: _____
SPREAD	NO. OF GROUPS: _____	GROUP INTERVAL: _____	SHOTPOINT INTERVAL: _____		OFFSET GROUP: _____	

DIAGRAMS/MISC. INFORMATION :

SHOTPOINT	TR. _____ to _____		TR. _____ to _____		SHOT							SPREAD		
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS			
1	7	1213	17	2223	26	27	29	30	32	35	37	17	877	927
927	5315	785										15	879	929
931	5315	786										13	881	981
933		80										11	883	983
935		81										9	885	985
937		82										7	887	987
939		83										5	889	989
941		84										3	891	991
943		85										49	893	993
945		86										47	895	995
947		87										45	897	997
949		88										43	899	999
951		90										41	901	1001
953		91										39	903	1003
955		92										37	905	1005
957		93										35	907	1007
959		94										33	909	1009
961		95										31	911	1011
963	5315	987										29	913	1013
965		97										27	915	1015

ND SEISMIC RECORDING LOG

INSTRUMENT SPEC: <i>MINIM SPEC</i>		AREA: <i>BEAVER UTAH</i>		LINE NO: <i>5</i>		
PAGE 3 OF 9 OTHER PARAMETERS SAME AS PAGE 1		DATE: <i>4 DAY 29 YR 78</i>		MO: <i>4</i> DAY: <i>29</i> YR: <i>78</i>		
<input checked="" type="checkbox"/> III <input checked="" type="checkbox"/> IV	<input type="checkbox"/> DFS <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> 9 TRACK <input type="checkbox"/> 21 TRACK	FORMAT: _____ SEG: _____	<input type="checkbox"/> GAPPED <input type="checkbox"/> UNGAPPED	PACKING DENSITY: _____	(LO) <input type="checkbox"/> 356 BPI <input type="checkbox"/> 800 BPI
NO. BYTES PER SCAN: _____		RECORD NUMBERS: _____	<input type="checkbox"/> DEC. <input type="checkbox"/> OCT	GAIN CONSTANT: _____ db	INPUT IMPEDANCE: _____ ohms	
(ON MAG TAPE)		AUXILIARY DATA: _____				
		AUXILIARY CHANNEL NOS.: _____				
GAIN MODE: <input type="checkbox"/> IFP	<input type="checkbox"/> INITIAL <input type="checkbox"/> FINAL	<input type="checkbox"/> MANUAL <input type="checkbox"/> OPERATE	FILTERS: _____	LO CUT HZ SLOPE _____	FREQ _____	HI CUT HZ SLOPE _____
TRIP SENS: _____ db		POLARITY CONVENTION: _____	PRESSURE INCREASE ON GEOPHONE: _____	<input type="checkbox"/> NEGATIVE <input type="checkbox"/> POSITIVE	NUMBERS ON ON MAG TAPE _____	<input type="checkbox"/> DOWNBREAK <input type="checkbox"/> UPBREAK
RECORD REJECTION: _____	NOISE REDUCTION: _____	NOISE THRESHOLD: _____	CORR. SCALING: _____	R.C.U. NORM./ALT SW. _____		
NO. OF POSITIONS: _____	INLINE SPACING: _____	LATERAL SPACING: _____	STAGGER: _____	LENGTH: _____	WIDTH: _____	LATERAL OFFSET: _____
SWEEP POSITION: _____	SWEEP START: _____	SWEEP END: _____	SWEEP LENGTH: _____	SWEEP TAPER: _____	PHASE COMP: _____	
	NO. OF ELEMENTS: _____	INLINE SPACING: _____		LATERAL SPACING: _____		
ohms	STAGGER: _____	LENGTH: _____		WIDTH: _____	LATERAL OFFSET: _____	
	SHOTPOINT INTERVAL: _____	FOLD: _____		DIRECTION OF PROGRESSION: _____		
	OFFSET GROUP: _____	OFFSET GROUP 48/96: _____		LEADING GROUP: _____		

DIR.	CDP SWITCH	SPREAD		SET UP	REMARKS:	CORR STACK			
		LINE GROUPS				YR 1-48	YR 48-98	HT.	REC.
	17	877	977	979 920					
	15	879	979						
	13	881	981		RECORD # 87 NO GOOD				
	11	883	983						
	9	885	985						
	7	887	987						
	5	889	989						
	3	891	991						
	49	893	993	967 965					
	47	895	995						
	45	897	997						
	43	899	999						
	41	901	1001		RECORD # 87 NO GOOD				
	39	903	1003						
	37	905	1005						
	35	907	1007						
	33	909	1009						
	31	911	1011						
	29	913	1013						
	27	915	1015						

LAND SEISMIC RECORDING LOG

STATION: UTAH SPEC AREA: BEAVER UTAH LINE NO: 5
 DATE: MO 4 DAY 29 YR 78



PAGE 4 OF 7 OTHER PARAMETERS SAME AS PAGE 1

DFS OTHER
 9 TRACK 21 TRACK FOPMAT: _____ SEG _____
 GAPPED UNGAPPED PACKING DENSITY: _____
 (LO) 356 BPI (HI) 712 BPI
 800 BPI 1600 BPI
 RECORD NUMBERS: _____ GAIN CONSTANT: _____ db
 DEC OCT (1) (2) (3) (4) (5) (6) (7)
 INPUT IMPEDANCE: _____ ohms
 AUXILIARY DATA: _____
 AUXILIARY CHANNEL NOS.: _____
 (ON MAG TAPE)
 MAIN MODE: INITIAL MANUAL FINAL OPERATE
 FILTERS: _____ LO CUT _____ HZ SLOPE _____
 _____ HJ CUT _____ HZ SLOPE _____
 NOTCH FILTER: IN OUT
 POLARITY CONVENTION: _____ PRESSURE INCREASE ON GEOPHONE: _____
 NEGATIVE POSITIVE } NUMBERS ON ON MAG TAPE
 DOWNBREAK UPBREAK } ON DISPLAY
 NOISE REDUCTION: _____ NOISE THRESHOLD: _____ CORR. SCALING: _____
 R.C.U. NORM./ALT SW. _____

NO. OF POSITIONS:	INLINE SPACING:	LATERAL SPACING:	STAGGER:	LENGTH:	WIDTH:	LATERAL OFFSET:
SWEEP POSITION:	SWEEP START:	SWEEP END:	SWEEP LENGTH:	SWEEP TAPER:	PHASE COMP:	
	NO. OF ELEMENTS:		INLINE SPACING:		LATERAL SPACING:	
ohms	STAGGER:		LENGTH:		WIDTH:	LATERAL OFFSET:
	SHOTPOINT INTERVAL:		FOLD:		DIRECTION OF PROGRESSION:	
	OFFSET GROUP:		OFFSET GROUP 48/96:		LEADING GROUP:	

DIR.	SPREAD			REMARKS:	CORR. STACK			
	CDP SWITCH	LINE GROUPS	SEY UP		YR 1-48	YR 48-99	HT.	REC.
	25	917	1017	967 968				
	23	917	1019					
	21	921	1021					
	19	923	1023					
	17	925	1025					
	15	927	1027					
	13	929	1029					
	11	931	1031					
	9	933	1033					
	7	935	1035					
	5	937	1037					
	3	939	1039					
	49	941	1041					
	47	943	1043	1015 1016				
	45	945	1045					
	43	947	1047					
	41	949	1049					
	39	951	1051					
	37	953	1053					
	35	955	1055					

STACK 16 SUR 1ST HALF V.P. - HIGHWAY CROSSING

CORRECT CDP SETTING THIS V.P.

LAND SEISMIC RECORDING




CLIENT: **G.S.I.** PROSPECT: **ROCKY MOUNTAIN SPEC** AREA: **BEAUE**
 PARTY NO: **1740** INST. ENG: **TOM BILL STEW BIRDICK** **PAGE 5 OF 7 OTHER PARAMS**

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	<input type="checkbox"/> ODDS & EVENS	TYPE: <input type="checkbox"/> DFS III <input type="checkbox"/> DFS IV	<input type="checkbox"/> DFS V <input type="checkbox"/> OTHER	<input type="checkbox"/> 9 TRACK <input type="checkbox"/> 21 TRACK
NO. BYTES IN HEADER REC.	NO. BYTES IN RECORD ID:		NO. BYTES PER SCAN:		RECORD NUMBERS:	
CONFIGURATION (MAG TAPE)	FIELD TRACE NOS.:					AUXILIARY
	DATA CHANNEL NOS.:					AUXILIARY
PARAMETER	RECORD LENGTH: _____ sec.	SAMPLE RATE: <input type="checkbox"/> 1 ms. <input type="checkbox"/> 4 ms. <input type="checkbox"/> 2 ms. <input type="checkbox"/> _____ ms.	GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> IFP <input type="checkbox"/> FINAL <input type="checkbox"/> OPERATE		FILTERS:	
DISPLAY	MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> AGC <input type="checkbox"/> DEFOAT <input type="checkbox"/> DIRECT	INITIAL GAIN: _____ db	TRIP SENS: _____ db		POLARITY CONVENTION:	
CFS I	TYPE STACK:	GATE LENGTH:	RECORD REJECTION:		NOISE REDUCTION:	
SOURCE	TYPE: <input type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER	PATTERN:	NO. OF POSITIONS:	INLINE SPACING:	LATER SPAC:	
		CHG/ HOLE:	HOLE DEPTH:	SWEEP POSITION:	SWEEP START:	
RECEIVER	TYPE:	PATTERN:	NO. OF ELEMENTS:			
	CONNECTION:	RESISTANCE: _____ ohms	STAGGER:			
SPREAD	NO. OF GROUPS:	GROUP INTERVAL:	SHOTPOINT INTERVAL:			
	OFFSET GROUP 1:	OFFSET GROUP _____:	OFFSET GROUP _____:			

DIAGRAMS/MISC. INFORMATION:


SHOTPOINT	TR _____ to _____		TR _____ to _____		SHOT							SPREAD	
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS		
11007	535988	1118									33	957	1057
11009		1119									31	959	1059
11011		1120									29	961	1061
11013		1121									27	963	1063
11015		1122									25	965	1065
11017		1123									23	967	1067
11019		1124									21	969	1069
11021		1125									19	971	1071
11023	535989	1127									17	973	1073
11025		1128									15	975	1075
11027		1129									13	977	1077
11029		1130									11	979	1079
11031		1131									9	981	1081
11033		1132									7	983	1083
11035		1133									5	985	1085
11037		1134									3	987	1087
11039		1135									49	989	1089
11041		1136									47	991	1091
11043		1137									45	993	1093
11045		1138									43	995	1095

SEISMIC RECORDING LOG

CONTAIN SPEC		AREA: BEAVER UTAH	LINE NO: 5	
PAGE 5 OF 7 OTHER PARAMETERS SAME AS PAGE 1			DATE: MO 4 DAY 29 YR 78	
<input type="checkbox"/> DFS <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> 9 TRACK <input type="checkbox"/> 21 TRACK	FORMAT: _____ SEG _____	<input type="checkbox"/> GAPPED <input type="checkbox"/> UNGAPPED	PACKING DENSITY: _____
NO BYTES PER SCAN: _____	RECORD NUMBERS: _____	<input type="checkbox"/> DEC <input type="checkbox"/> OCT	GAIN CONSTANT: _____ db	INPUT IMPEDANCE: _____ ohms
AUXILIARY DATA: _____				
AUXILIARY CHANNEL NOS.: _____				
(ON MAG TAPE)				
MAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL	FILTERS: _____	LO CUT HZ SLOPE _____	HI CUT HZ SLOPE _____	NOTCH FILTER: <input type="checkbox"/> IN <input type="checkbox"/> OUT
<input type="checkbox"/> IFP <input type="checkbox"/> FINAL <input type="checkbox"/> OPERATE	FREQ. _____	FREQ. _____	FREQ. _____	<input type="checkbox"/> DOWNBREAK <input type="checkbox"/> UPBREAK } ON DISPLAY
POLARITY CONVENTION: _____	PRESSURE INCREASE ON GEOPHONE: _____	<input type="checkbox"/> NEGATIVE <input type="checkbox"/> POSITIVE	NUMBERS ON MAG TAPE _____	R.C.U. NORM/ALT SW. _____
NOISE REDUCTION: _____	NOISE THRESHOLD: _____	CORR. SCALING: _____		
NO OF POSITIONS: _____	INLINE SPACING: _____	LATERAL SPACING: _____	STAGGER: _____	LENGTH: _____
SWEEP POSITION: _____	SWEEP START: _____	SWEEP END: _____	SWEEP LENGTH: _____	SWEEP TAPER: _____
NO. OF ELEMENTS: _____		INLINE SPACING: _____	LATERAL SPACING: _____	
STAGGER: _____		LENGTH: _____	WIDTH: _____	LATERAL OFFSET: _____
SHOTPOINT INTERVAL: _____		FOLD: _____	DIRECTION OF PROGRESSION: _____	
OFFSET GROUP: _____		OFFSET GROUP 48/96: _____	LEADING GROUP: _____	

DIR.	SPREAD			REMARKS:	CORR. STACK			
	CDP SWITCH	LINE GROUPS	SET UP		YR 1-48	YR 48-96	HT.	REC.
	33	957	1057	1015 1016				
	31	959	1059					
	29	961	1061					
	27	963	1063					
	25	965	1065					
	23	967	1067					
	21	969	1069					
	19	971	1071					
	17	973	1073	Record # 126 NO GOOD				
	15	975	1075					
	13	977	1077					
	11	979	1079					
	9	981	1081					
	7	983	1083					
	5	985	1085					
	3	987	1087					
	49	989	1089	1063 1064				
	47	991	1091					
	45	993	1093					
	43	995	1095					

LAND SEISMIC RECORDING

	CLIENT: G.S.I.		PROSPECT: ROCKY MOUNTAIN SPEC				AREA: BEAVER	
	PARTY NO: 1740		INST. ENG: Tom PULL		STEW BARDICK		Page 6 of 7 OTHER PARAM:	
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		<input type="checkbox"/> ODDS & EVENS		TYPE: <input type="checkbox"/> DFS III <input type="checkbox"/> DFS IV <input type="checkbox"/> DFS V <input type="checkbox"/> OTHER _____	
	NO. BYTES IN HEADER REC: _____		NO. BYTES IN RECORD ID: _____		NO. BYTES PER SCAN: _____		RECORD NUMBERS: _____	
CONFIGURATION (MAG TAPE)	FIELD TRACE NOS.: _____ DATA CHANNEL NOS.: _____ (ON MAG TAPE)						AUXILIARY C: AUXILIARY C:	
PARAMETER	RECORD LENGTH: _____ sec.		SAMPLE RATE: <input type="checkbox"/> 1 ms. <input type="checkbox"/> 4 ms. <input type="checkbox"/> 2 ms. <input type="checkbox"/> _____ ms.		GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> FINAL <input type="checkbox"/> OPERATE		FILTERS: _____ FK	
DISPLAY	MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> AGC <input type="checkbox"/> DEFLOAT <input type="checkbox"/> DIRECT		INITIAL GAIN: _____ db		TRIP SENS: _____ db		POLARITY CONVENTION	
CFS I	TYPE STACK:		GATE LENGTH:		RECORD REJECTION:		NOISE REDUCTION:	
SOURCE	TYPE: <input type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER _____		PATTERN:		NO. OF POSITIONS:		INLINE SPACING:	
			CHG/ HOLE:		HOLE DEPTH:		SWEEP POSITION:	
RECEIVER	TYPE:		PATTERN:		NO. OF ELEMENTS:		LATERAL SPACING:	
	CONNECTION:		RESISTANCE:		ohms		STAGGER:	
SPREAD	NO. OF GROUPS:		GROUP INTERVAL:		SHOTPOINT INTERVAL:			
	OFFSET GROUP 1:		OFFSET GROUP _____:		OFFSET GROUP _____:			

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR. _____ to _____		TR. _____ to _____		SHOT								SPREAD	
	REEL NO	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR	CDP SWITCH	LINE GROUPS			
110417	535987	1137									41	997	1097	
110419	535990	1140									39	999	1099	
110511		1141									37	1001	1101	
110513		1142									35	1003	1103	
110515		1143									33	1005	1105	
110517		1144									31	1007	1107	
110519		1145									29	1009	1109	
110611		1146									27	1011	1111	
110613		1147									25	1013	1113	
110615		1148									23	1015	1115	
110617		1149									21	1017	1117	
110619		1150									19	1019	1119	
110711		1151									17	1021	1121	
110713		1152									15	1023	1123	
110715		1153									15	1023 ³	1123 ³	
110717		1154									11	1027	1127	
110719	535991	1154									9	1029	1129	
110811		1157									7	1031	1131	
110813		1158									3	1031 ⁵	1131 ⁵	
110815		1159									3	1035	1135	

SEISMIC RECORDING LOG

MOUNTAIN SPEC AREA: BEAVER UTAH LINE NO: 5
 DATE: MO 4 DAY 29 YR 78



PAGE 7 OF 7

DFS OTHER
 9 TRACK 21 TRACK FOPMAT: _____ SEG _____
 GAPPED UNGAPPED PACKING DENSITY: _____
 (LO) 356 BPI (HI) 712 BPI
 800 BPI 1600 BPI

RECORD NUMBERS: DEC. OCT GAIN CONSTANT: _____ db INPUT IMPEDANCE: _____ ohms
 (1) (2) (3) (4) (5) (6) (7)

AUXILIARY DATA: _____
 AUXILIARY CHANNEL NOS.: _____

[ON MAG TAPE]

MAIN MODE: INITIAL MANUAL FINAL OPERATE
 FILTERS: LO CUT _____ HZ SLOPE _____ HI CUT _____ HZ SLOPE _____
 NOTCH FILTER: IN OUT

POLARITY CONVENTION: _____ PRESSURE INCREASE ON GEOPHONE: NEGATIVE POSITIVE } NUMBERS ON MAG TAPE
 DOWNBREAK UPBREAK } ON DISPLAY

NOISE REDUCTION: _____ NOISE THRESHOLD: _____ CORR. SCALING: _____ R.C.U. NORM/ALT SW. _____

NO. OF POSITIONS:	INLINE SPACING:	LATERAL SPACING:	STAGGER:	LENGTH:	WIDTH:	LATERAL OFFSET:
SWEEP POSITION:	SWEEP START:	SWEEP END:	SWEEP LENGTH:	SWEEP TAPER:	PHASE COMP:	
	NO. OF ELEMENTS:		INLINE SPACING:		LATERAL SPACING:	
ohms	STAGGER:		LENGTH:		WIDTH:	LATERAL OFFSET:
	SHOTPOINT INTERVAL:		FOLD:		DIRECTION OF PROGRESSION:	
	OFFSET GROUP _____:		OFFSET GROUP 48/96:		LEADING GROUP:	

DIR.	SPREAD			REMARKS:	CORR. STACK			
	CDP SWITCH	LINE GROUPS	SET UP		YR 1-48	YR 48-96	HT.	REC.
	31	1037	1137	1073 1074				
	29	1039	1139					
	27	1041	1141					
	25	1043	1143					
	23	1045	1145					
	21	1047	1147					
	19	1049	1149					
	17	1051	1151					
	15	1053	1153					
	13	1055	1155					
	11	1057	1157	RECORD # 170 NO GOOD				
	9	1059	1159					

LAND SEISMIC RECORDING



CLIENT: GSI PROSPECT: ROCKY MOUNTAIN SAC AREA: BEAVER
 PARTY NO.: 1740 INST. ENG.: TOM RHL SIEW BIRDICK PAGE 1 OF 5

INSTRUMENT: 1 SYSTEM 1-24 & 25-48 ODDS & EVENS TYPE: DFS III DFS II OTHER CDX 9 TRACK 21 TRACK
 2 SYSTEMS 1-48 & 49-96 NO. BYTES IN HEADER REC: 276 NO. BYTES IN RECORD ID: _____ NO. BYTES PER SCAN: 914 RECORD NUMBERS: _____

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: 1-96 DATA CHANNEL NOS.: 6-101 (ON MAG TAPE) AUXILIARY: _____

PARAMETER: RECORD LENGTH: 16 sec. SAMPLE RATE: 1 ms. 4 ms. GAIN MODE: INITIAL MANUAL FILTERS: _____
 2 ms. _____ ms. IFP FINAL OPERATE

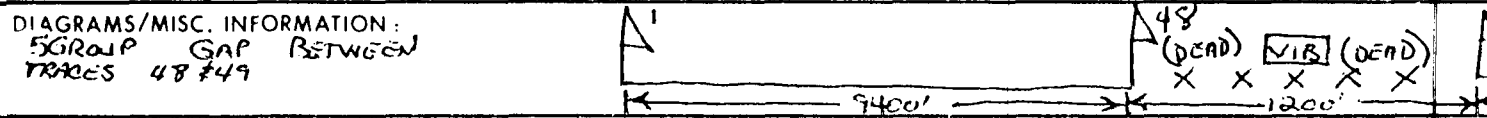
DISPLAY: MODE: MAGC FLOAT AMPLIFIER INITIAL GAIN: _____ db TRIP SENS: _____ db POLARITY CONVENTION: _____
 DEFLOAT DIRECT

CFS I: TYPE STACK: VERTICLE GATE LENGTH: 64ms RECORD REJECTION: AUTO EDIT NOISE REDUCTION: _____

SOURCE: TYPE: DYNAMITE PATTERN: INLINE NO. OF POSITIONS: 16 INLINE SPACING: 25 LATER SPACING: _____
 VIBROSEIS 2 VIBS CHG/ HOLE: _____ HOLE DEPTH: _____ SWEEP PER POSITION: 1 SWEEP START: 12 SWEEP END: _____
 OTHER

RECEIVER: TYPE: D20-10 PATTERN: INLINE NO. OF ELEMENTS: 24 PER
 CONNECTION: SER PAR RESISTANCE: 220 ohms STAGGER: _____

SPREAD: NO. OF GROUPS: 96 GROUP INTERVAL: 200' SHOTPOINT INTERVAL: 400'
 OFFSET GROUP 1: _____ OFFSET GROUP 48 OFFSET GROUP 49



SHOTPOINT	TR _____ to _____		TR _____ to _____		SHOT							SPREAD			
	REEL NO	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS				
111111	53599	1174	17	22	23	26	27	29	30	32	35	37	47	1061	1161
111113		1175											47	1063	1163
111115		1176											45	1065	1165
111117		1177											43	1067	1167
111119		1178											41	1069	1169
111211		1179											39	1071	1171
111231		1180											37	1073	1173
111251		1181											35	1075	1175
111271		1182											33	1077	1177
111291		1183											31	1079	1179
111311		1184											29	1081	1181
111331		1185											27	1083	1183
111351		1186											25	1085	1185
111371		1187											23	1087	1187
111391	53599	1188											21	1089	1189
111411		1190											19	1091	1191
111431		1191											17	1093	1193
111451		1192											15	1095	1195
111471		1193											13	1097	1197
111491		1194											11	1099	1199

ID SEISMIC RECORDING LOG

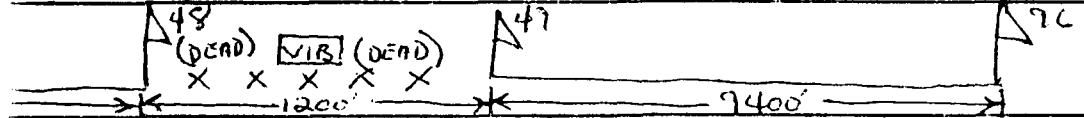
AREA: BEAVER UTAH LINE NO: 5
 DATE: MO 4 DAY 30 YR 78
 PAGE 1 OF 5



TRACKS: 9 TRACK 21 TRACK
 FORMAT: B GAPPED UNGAPPED
 PACKING DENSITY: (LO) 356 BPI (HI) 712 BPI 1600 BPI
 BYTES PER SCAN: 914 RECORD NUMBERS: DEC OCT GAIN CONSTANT: 24 db INPUT IMPEDANCE: 2000 ohms
 AUXILIARY DATA: 76⁽¹⁾ 55⁽²⁾ RS⁽³⁾ RS⁽⁴⁾ RS⁽⁵⁾ GL⁽⁶⁾ 1ST DATA⁽⁷⁾
 AUXILIARY CHANNEL NOS.: 0 1 2 3 4 5 6

(ON MAG TAPE)
 IN MODE: INITIAL MANUAL FINAL OPERATE
 FILTERS: FREQ. OUT LO CUT HZ SLOPE - HI CUT HZ SLOPE 70 NOTCH FILTER: IN OUT
 POLARITY CONVENTION: NEGATIVE } NUMBERS ON MAG TAPE DOWNBREAK } ON DISPLAY
 POSITIVE } UPBREAK }
 NOISE REDUCTION: NOISE THRESHOLD: CORR. SCALING: 3 R.C.U. NORM./ALT SW. NORM
 FUNCTION: AUTO EDIT

NO. OF POSITIONS: 16 INLINE SPACING: 25 LATERAL SPACING: STAGGER: LENGTH: 225' WIDTH: LATERAL OFFSET:
 SWEEP PER POSITION: 1 SWEEP START: 12 SWEEP END: 60 SWEEP LENGTH: 12.5sec SWEEP TAPER: .55sec PHASE COMP: IN
 NO. OF ELEMENTS: 24 Per Group INLINE SPACING: 8' LATERAL SPACING:
 STAGGER: LENGTH: 200' WIDTH: LATERAL OFFSET:
 SHOTPOINT INTERVAL: 400' FOLD: 24 DIRECTION OF PROGRESSION: EAST
 OFFSET GROUP: 49 OFFSET GROUP 48/96: LEADING GROUP: 1



DIR.	SPREAD			REMARKS:	CORR. STACK			
	CDP SWITCH	LINE GROUPS	SET UP		TR 1-48	TR 48-96	TR 1-48	TR 48-96
				HI.	REC.	HI.	REC.	
	49	1061	1161	1135 1136				
	47	1063	1163					
	45	1065	1165					
	43	1067	1167					
	41	1069	1169					
	39	1071	1171					
	37	1073	1173					
	35	1075	1175					
	33	1077	1177					
	31	1079	1179					
	29	1081	1181					
	27	1083	1183					
	25	1085	1185					
	23	1087	1187					
	21	1089	1189					
	19	1091	1191					
	17	1093	1193					
	15	1095	1195					
	13	1097	1197					
	11	1099	1199					

ND SEISMIC RECORDING LOG

STATION SPEC: Basaltic Utah AREA: Basaltic Utah LINE NO: 5

DATE: MO 4 DAY 30 YR 78

AGE 2 OF 5 OTHER PARAMETERS SAME AS PAGE 1

DFS 9 TRACK GAPPED 356 BPI 712 BPI
 OTHER 21 TRACK SEG UNGAPPED 800 BPI 1600 BPI

RECORD NUMBERS: DEC OCT GAIN CONSTANT: _____ db INPUT IMPEDANCE: _____ ohms.
 (1) (2) (3) (4) (5) (6) (7)

AUXILIARY DATA: _____

AUXILIARY CHANNEL NOS.: _____

(ON MAG TAPE)
 WIN MODE: INITIAL MANUAL FINAL OPERATE
 FILTERS: LO CUT _____ HI CUT _____ NOTCH FILTER: IN OUT
 FREQ. _____ HZ SLOPE _____ FREQ. _____ HZ SLOPE _____

POLARITY CONVENTION: _____ PRESSURE INCREASE ON GEOPHONE: NEGATIVE POSITIVE } NUMBERS ON ON MAG. TAPE DOWNBREAK UPBREAK } ON DISPLAY
 NOISE REDUCTION: _____ NOISE THRESHOLD: _____ CORR. SCALING: _____ P.C.U. NORM/ALT SW.

NO. OF POSITIONS:	INLINE SPACING:	LATERAL SPACING:	STAGGER:	LENGTH:	WIDTH:	LATERAL OFFSET:
SWEEP POSITION:	SWEEP START:	SWEEP END:	SWEEP LENGTH:	SWEEP TAPER:	PHASE COMP:	
	NO. OF ELEMENTS:		INLINE SPACING:		LATERAL SPACING:	
ohms	STAGGER:		LENGTH:		WIDTH:	LATERAL OFFSET:
	SHOTPOINT INTERVAL:		FOLD:		DIRECTION OF PROGRESSION:	
	OFFSET GROUP:		OFFSET GROUP 48/96:		LEADING GROUP:	



DIR.	SPREAD			REMARKS:	CORR. STACK			
	CDP SWITCH	LINE GROUPS	SET UP		YR 1-48		YR 49-99	
				HI.	REC.	HI.	REC.	
	9	1101	1201	1135 1136				
	7	1103	1203					
	5	1105	1205					
	3	1107	1207					
	1	1109	1209					
	47	1111	1211	1183 1184				
	45	1113	1213					
	43	1115	1215					
	41	1117	1217					
	39	1119	1219					
	37	1121	1221					
	35	1123	1223					
	33	1125	1225					
	31	1127	1227					
	29	1129	1229					
	27	1131	1231					
	25	1133	1233					
	23	1135	1235					
	21	1137	1237					
	19	1139	1239					

LAND SEISMIC RECORDING



CLIENT: GSI
PROSPECT: ROCKY MOUNTAIN SPEC
AREA: BEAVER
PARTY NO.: 1740
INST. ENG.: TOM PEHL
STEW BIRDICK

PAGE 3 OF 5 OTHER PARAMS

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	<input type="checkbox"/> ODDS & EVENS	TYPE: <input type="checkbox"/> DFS III <input type="checkbox"/> DFS IV	<input type="checkbox"/> DFS V <input type="checkbox"/> OTHER	<input type="checkbox"/> 9 TRACK <input type="checkbox"/> 21 TRACK
CONFIGURATION (MAG TAPE)	FIELD TRACE NOS.:					AUXILIARY C
PARAMETER	DATA CHANNEL NOS.:					AUXILIARY C
DISPLAY	RECORD LENGTH: _____ sec.	SAMPLE RATE: <input type="checkbox"/> 1 ms. <input type="checkbox"/> 4 ms. <input type="checkbox"/> 2 ms. <input type="checkbox"/> _____ ms.	GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> IFP <input type="checkbox"/> FINAL <input type="checkbox"/> OPERATE	NO. BYTES IN RECORD ID: _____		FILTERS: _____
CFS I	MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> AGC <input type="checkbox"/> DEFLOAT <input type="checkbox"/> DIRECT	INITIAL GAIN: _____ db	JRIP SENS: _____ db	NO. BYTES PER SCAN: _____		POLARITY CONVENTION
SOURCE	TYPE: <input type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER	PATTERN:	NO. OF POSITIONS:	INLINE SPACING:	NOISE REDUCTION:	
RECEIVER	CONNECTION:	CHG/HOLE:	HOLE DEPTH:	SWEEP POSITION:	SWEEP START:	LATERAL SPACING: SWEEP END:
SPREAD	NO. OF GROUPS:	GROUP INTERVAL:	OFFSET GROUP 1:	SHOTPOINT INTERVAL:		
DIAGRAMS/MISC. INFORMATION:						

SHOTPOINT	TR _____ to _____		TR _____ to _____		SHOT							SPREAD	
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS		
111911	535976	1215									17	1141	1241
111913		1216									15	1143	1243
111915		1217									13	1145	1245
111917	535977	1219									11	1147	1247
111919		1220									9	1149	1249
112011		1221									7	1151	1251
112013		1222									5	1153	1253
112015		1223									3	1155	1255
112017		1224									49	1157	1257
112019		1225									47	1159	1259
112111		1226									45	1161	1261
112113		1227									43	1163	1263
112115		1228									41	1165	1265
112117		1229									39	1167	1267
112119		1230									37	1169	1269
112211	535978	1231									35	1171	1271
112213		1234									33	1173	1273
112215		1235									31	1175	1275
112217		1236									29	1177	1277
112219		1237									27	1179	1279

ID SEISMIC RECORDING LOG

STATION SPEC: BEAVER UTAH AREA: BEAVER UTAH LINE NO: 5

DATE: MO 4 DAY 30 YR 78

PAGE 3 OF 5 OTHER PARAMETERS SAME AS PAGE 1



DFS OTHER

9 TRACK 21 TRACK

FOPMAT: SEG GAPPED UNGAPPED

PACKING DENSITY: (LO) 356 BPI 800 BPI (HI) 712 BPI 1600 BPI

RECORD NUMBERS: DEC. OCT. GAIN CONSTANT: _____ db INPUT IMPEDANCE: _____ ohms.

AUXILIARY DATA: _____

AUXILIARY CHANNEL NOS.: _____

(ON MAG TAPE)

IN MODE: INITIAL MANUAL FINAL OPERATE

FILTERS: FREQ. _____ LO CUT HZ SLOPE _____ HI CUT HZ SLOPE _____ NOTCH FILTER: IN OUT

POLARITY CONVENTION: _____ PRESSURE INCREASE ON GEOPHONE: NEGATIVE POSITIVE } NUMBERS ON MAG TAPE DOWNBREAK UPBREAK } ON DISPLAY

NOISE REDUCTION: _____ NOISE THRESHOLD: _____ CORR. SCALING: _____ R.C.U. NORM./ALT SW. _____

NO. OF POSITIONS: _____ INLINE SPACING: _____ LATERAL SPACING: _____ STAGGER: _____ LENGTH: _____ WIDTH: _____ LATERAL OFFSET: _____

SWEEP POSITION: _____ SWEEP START: _____ SWEEP END: _____ SWEEP LENGTH: _____ SWEEP TAPER: _____ PHASE COMP: _____

NO. OF ELEMENTS: _____ INLINE SPACING: _____ LATERAL SPACING: _____

STAGGER: _____ LENGTH: _____ WIDTH: _____ LATERAL OFFSET: _____

SHOTPOINT INTERVAL: _____ FOLD: _____ DIRECTION OF PROGRESSION: _____

OFFSET GROUP: _____ OFFSET GROUP 48/96: _____ LEADING GROUP: _____

DIR.	SPREAD			REMARKS:	CORR. STACK				
	CDP SWITCH	LINE GROUPS	SET UP		YR 1-48	YR 48-92	HT.	REC.	HT.
	17	1141	1241	1183 1284					
	15	1143	1243						
	13	1145	1245						
	11	1147	1247	RECORDED #218 NO GOOD					
	9	1149	1249						
	7	1151	1251						
	5	1153	1253						
	3	1155	1255						
	49	1157	1257	1231 1232					
	47	1159	1259						
	45	1161	1261						
	43	1163	1263						
	41	1165	1265						
	39	1167	1267						
	37	1169	1269	RECORDED # 231 NO GOOD					
	35	1171	1271	RECORDED # 232 NO GOOD					
	33	1173	1273						
	31	1175	1275						
	29	1177	1277						
	27	1179	1279						

LAND SEISMIC RECORDING




CLIENT: G.S.I. PROSPECT: ROCKY MOUNTAIN SPEC. AREA: BEAVER
 PARTY NO: 1740 INST. ENG: Tom Poitl Steve Burdick PAGE 4 OF 5 OTHER PARAMET:

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	<input type="checkbox"/> ODDS <input type="checkbox"/> EVENS	TYPE: <input type="checkbox"/> DFS III <input type="checkbox"/> DFS IV	<input type="checkbox"/> DFS V <input type="checkbox"/> OTHER	<input type="checkbox"/> 9 TRACK <input type="checkbox"/> 21 TRACK
CONFIGURATION (MAG TAPE)	FIELD TRACE NOS: _____ DATA CHANNEL NOS: _____ (ON MAG TAPE)					AUXILIARY D AUXILIARY C
PARAMETER	RECORD LENGTH: _____ sec.	SAMPLE RATE: <input type="checkbox"/> 1 ms. <input type="checkbox"/> 4 ms. <input type="checkbox"/> 2 ms. <input type="checkbox"/> _____ ms.	GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> IFP <input type="checkbox"/> FINAL <input type="checkbox"/> OPERATE		FILTERS: _____ FRI	
DISPLAY	MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> AGC <input type="checkbox"/> DEFLOAT <input type="checkbox"/> DIRECT	INITIAL GAIN: _____ db	JRIIP SENS: _____ db		POLARITY CONVENTION	
CFS I	TYPE STACK:	GATE LENGTH:	RECORD REJECTION:		NOISE REDUCTION:	
SOURCE	TYPE: <input type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER	PATTERN:	NO. OF POSITIONS:	INLINE SPACING:	LATERAL SPACING:	
RECEIVER	CONNECTION:	RESISTANCE:	ohms		STAGGER:	
SPREAD	NO. OF GROUPS:	GROUP INTERVAL:	SHOTPOINT INTERVAL:		OFFSET GROUP _____:	
	OFFSET GROUP 1:	OFFSET GROUP _____:				

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR _____ to _____		TR _____ to _____		SHOT					SPREAD		
	REEL NO	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS	
112311	5359918	1238								25	1181	1281
112313		1239								23	1183	1283
112315		1240								21	1185	1285
112317		1241								19	1187	1287
112319		1242								17	1189	1289
112411		1243								15	1191	1291
112413		1244								13	1193	1293
112415		1245								11	1195	1295
112417		1246								9	1197	1297
112419	5359919	1248								7	1199	1299
112511		1249								5	1201	1301
112513		1250								3	1203	1303
112515		1251								43	1205	1305
112517		1252								41	1207	1307
112519		1253								27	1209	1309
112611		1254								37	1211	1311
112613		1255								35	1213	1313
112615		1256								33	1215	1315
112617		1257								31	1217	1317
112619		1258								29	1219	1319

ID SEISMIC RECORDING LOG

STATION SPEC: BEAVER UTAH AREA: BEAVER UTAH LINE NO: 5
 DATE: MO 4 DAY 30 YR 78


PAGE 4 OF 5 OTHER PARAMETERS SAME AS PAGE 1
 DFS OTHER
 9 TRACK 21 TRACK
 FORMAT: SEG GAPPED UNGAPPED
 PACKING DENSITY: (LO) 356 BPI (HI) 712 BPI
 800 BPI 1600 BPI
 RECORD NUMBERS: DEC. OCT
 GAIN CONSTANT: _____ db
 INPUT IMPEDANCE: _____ ohms.
 (1) (2) (3) (4) (5) (6) (7)
 AUXILIARY DATA: _____
 AUXILIARY CHANNEL NOS.: _____
 (ON MAG TAPE)
 RUN MODE: INITIAL MANUAL FINAL OPERATE
 FILTERS: LO CUT _____ HZ SLOPE _____ HI CUT _____ HZ SLOPE _____
 NOTCH FILTER: IN OUT
 POLARITY CONVENTION: NEGATIVE POSITIVE } NUMBERS ON MAG TAPE
 DOWNBREAK UPBREAK } ON DISPLAY
 NOISE REDUCTION: _____ NOISE THRESHOLD: _____ CORR. SCALING: _____ R.C.U. NORM./ALT SW. _____

NO. OF POSITIONS:	INLINE SPACING:	LATERAL SPACING:	STAGGER:	LENGTH:	WIDTH:	LATERAL OFFSET:
SWEEP POSITION:	SWEEP START:	SWEEP END:	SWEEP LENGTH:	SWEEP TAPER:	PHASE COMP:	
ohms	NO. OF ELEMENTS:	STAGGER:	INLINE SPACING:	LENGTH:	WIDTH:	LATERAL OFFSET:
	SHOTPOINT INTERVAL:	FOLD:	DIRECTION OF PROGRESSION:			
	OFFSET GROUP:	OFFSET GROUP 48/96:	LEADING GROUP:			

DIR.	SPREAD			REMARKS:	CORR. STACK			
	CDP SWITCH	LINE GROUPS	SET UP		YR 1-78		YR 48-96	
				HT.	REC.	HT.	REC.	
	25	1181	1281	1231 1232				
	23	1183	1283					
	21	1185	1285					
	19	1187	1287					
	17	1189	1289					
	15	1191	1291					
	13	1193	1293					
	11	1195	1295					
	9	1197	1297					
	7	1199	1299	Record # 247 No Good				
	5	1201	1301					
	3	1203	1303					
	43	1205	1305	1293 1294				
	41	1207	1307					
	39	1209	1309					
	37	1211	1311					
	35	1213	1313					
	33	1215	1315					
	31	1217	1317					
	29	1219	1319					

D SEISMIC RECORDING LOG

TAIN SPEC AREA: BEAVER, UTAH LINE NO: 5
 AGE 5 of 5 OTHER PARAMETERS SAME AS PAGE 1 DATE: MO 4 DAY 30 YR 78




DFS OTHER
 9 TRACK 21 TRACK
 FOP/MT: SEG GAPPED UNGAPPED
 PACKING DENSITY: (LO) 356 BPI 800 BPI (HI) 712 BPI 1600 BPI
 BYTES SCAN: RECORD NUMBERS: DEC OCT GAIN CONSTANT: (1) (2) (3) (4) (5) (6) (7) db INPUT IMPEDANCE: ohms.
 AUXILIARY DATA: AUXILIARY CHANNEL NOS.:
 (ON MAG TAPE)
 RUN MODE: INITIAL MANUAL FINAL OPERATE
 FILTERS: LO CUT HZ SLOPE HI CUT HZ SLOPE NOTCH FILTER: IN OUT
 POLARITY CONVENTION: NEGATIVE POSITIVE } NUMBERS ON ON MAG TAPE } DOWNBREAK UPBREAK } ON DISPLAY
 NOISE REDUCTION: NOISE THRESHOLD: CORR. SCALING: R.C.U. NORM/ALT SW.

NO. OF POSITIONS: INLINE SPACING: LATERAL SPACING: STAGGER: LENGTH: WIDTH: LATERAL OFFSET:
 SWEEP POSITION: SWEEP START: SWEEP END: SWEEP LENGTH: SWEEP TAPER: PHASE COMP:
 NO. OF ELEMENTS: INLINE SPACING: LATERAL SPACING: STAGGER: LENGTH: WIDTH: LATERAL OFFSET:
 ohms
 SHOTPOINT INTERVAL: FOLD: DIRECTION OF PROGRESSION:
 OFFSET GROUP: OFFSET GROUP 48/96: LEADING GROUP:

DIR.	CDP SWITCH	SPREAD		REMARKS:	CORR. STACK			
		LINE GROUPS	SET UP		YR 1-48		YR 48-96	
					HT.	REC.	HT.	REC.
	27	1221	1321	1273				
	25	1223	1323	1274				
	23	1225	1325					
	21	1227	1327					
	19	1229	1329					
	17	1231	1331					
	15	1233	1333					
	13	1235	1335					
	11	1237	1337					
	9	1239	1339					
	7	1241	1341					
	5	1243	1343					
	3	1245	1345					
	1	1247	1347					
	239	1249	1349					


LAND SEISMIC RECORDING

	CLIENT: <u>G.S.I.</u>		PROSPECT: <u>ROCKY MOUNTAIN SPEC</u>		AREA: <u>BEINER</u>
	PARTY NO: <u>1740</u>	INST. ENG: <u>Tom Bill</u>		PAGE 1 OF 4	
INSTRUMENT (9-TRACK)	<input checked="" type="checkbox"/> 1 SYSTEM	<input type="checkbox"/> 1-24 & 25-48	<input checked="" type="checkbox"/> ODDS & EVENS	TYPE: <input type="checkbox"/> DFS III	<input checked="" type="checkbox"/> DFS IV
	<input type="checkbox"/> 2 SYSTEMS	<input checked="" type="checkbox"/> 1-48 & 49-96		<input type="checkbox"/> DFS IX	<input type="checkbox"/> OTHER <u>CDX</u>
	NO. BYTES IN HEADER REC: <u>276</u>	NO. BYTES IN RECORD ID: _____	NO. BYTES PER SCAN: <u>314</u>	RECORD NUMBERS: _____	
CONFIGURATION (MAG TAPE)	FIELD TRACE NOS: <u>1-96</u>				AUXILIARY
	DATA CHANNEL NOS: <u>6-101</u> (ON MAG TAPE)				AUXILIARY C
PARAMETER	RECORD LENGTH: <u>16</u> sec.	SAMPLE RATE: <input checked="" type="checkbox"/> 1 ms. <input type="checkbox"/> 4 ms. <input type="checkbox"/> 2 ms.	GAIN MODE: <input checked="" type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> OPERATE		FILTERS: _____
DISPLAY	MODE: <input checked="" type="checkbox"/> AGC <input type="checkbox"/> FLOAT <input type="checkbox"/> DEFLOAT	<input type="checkbox"/> AMPLIFIER <input type="checkbox"/> DIRECT	INITIAL GAIN: _____ db	JRIP SENS: _____ db	POLARITY CONVENTION: _____
CFS I	TYPE STACK: <u>VERTICAL</u>	GATE LENGTH: <u>4ms</u>	RECORD REJECTION: <u>AUTO EDIT</u>		NOISE REDUCTION: _____
SOURCE	TYPE: <input type="checkbox"/> DYNAMITE	PATTERN: <u>INLINE</u>	NO. OF POSITIONS: <u>16</u>	INLINE SPACING: <u>25'</u>	LATER SPACI: _____
	<input checked="" type="checkbox"/> VIBROSEIS	<u>2VIBS</u>	CHG/ HOLE: _____	HOLE DEPTH: _____	SWEEP PER POSITION: <u>1</u>
RECEIVER	TYPE: <u>D20-10</u>	PATTERN: <u>INLINE</u>	NO. OF ELEMENTS: <u>24 PER GR</u>		
	CONNECTION: <u>SER-PAR</u>	RESISTANCE: <u>220</u> ohms	STAGGER: _____		
SPREAD	NO. OF GROUPS: <u>96</u>	GROUP INTERVAL: <u>200'</u>	SHOTPOINT INTERVAL: <u>400'</u>		
	OFFSET GROUP 1: _____	OFFSET GROUP <u>48</u>	OFFSET GROUP <u>48</u>		

DIAGRAMS/MISC. INFORMATION:


SHOTPOINT	TR	TR _____ to _____		TR _____ to _____		SHOT						SPREAD				
		REEL NO	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS				
113011	7	1213	16	17	22	23	26	27	29	30	32	35	37	45	1251	1351
113013			2015											43	1253	1353
113015			2016											41	1255	1355
113017			2017											39	1257	1357
113019			2018											39	1257	1357
113011			2019											39 37	1257	1357
113013			2080											33	1263	1363
113015			2081											31	1265	1365
113017			2082											29	1267	1367
113019			2083											27	1269	1369
113021			2084											25	1271	1371
113023			2085											23	1273	1373
113025			2086											21	1275	1375
113027			2087											19	1277	1377
113029			2088											17	1279	1379
113031			2087											15	1281	1381
113033	7	1213	2011											17	1283	1383
113035			2012											11	1285	1385
113037			2013											9	1287	1387
113039			2014											7	1289	1389

SEISMIC RECORDING LOG

IN SPEC		AREA: BEAVER UTAH	LINE NO: 5	
PAGE 1 OF 4		DATE: MO 5 DAY 3 YR 78		
<input checked="" type="checkbox"/> DFS <input checked="" type="checkbox"/> OTHER CDX	<input checked="" type="checkbox"/> 9 TRACK <input type="checkbox"/> 21 TRACK	FORMAT: B	<input checked="" type="checkbox"/> GAPPED <input type="checkbox"/> UNGAPPED	PACKING DENSITY: (L) <input type="checkbox"/> 356 BPI <input type="checkbox"/> 800 BPI (H) <input type="checkbox"/> 712 BPI <input checked="" type="checkbox"/> 1600 BPI
BYTES SCAN: 314	RECORD NUMBERS: <input checked="" type="checkbox"/> DEC <input type="checkbox"/> OCT	GAIN CONSTANT: 24 db	INPUT IMPEDANCE: 2000 ohms	
AUXILIARY DATA: T20 55 R5 R5 R5 GW 1ST DATA				
AUXILIARY CHANNEL NOS.: 0 1 2 3 4 5 6				
IN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> FINAL <input type="checkbox"/> OPERATE	FILTERS: FREQ. OUT LO CUT HZ SLOPE - HI CUT HZ SLOPE 20 NOTCH FILTER: <input checked="" type="checkbox"/> IN <input type="checkbox"/> OUT	POLARITY CONVENTION: <input checked="" type="checkbox"/> NEGATIVE <input type="checkbox"/> POSITIVE } NUMBERS ON MAG TAPE <input checked="" type="checkbox"/> DOWNBREAK <input type="checkbox"/> UPBREAK } ON DISPLAY		
NOISE REDUCTION: AUTO EDIT	NOISE THRESHOLD:	CORR. SCALING: 3	R.C.U. NORM/ALT SW: NORM	
NO. OF POSITIONS: 16	INLINE SPACING: 25'	LATERAL SPACING:	STAGGER:	LENGTH: 225'
SWEEP PER POSITION: 1	SWEEP START: 12	SWEEP END: 60	SWEEP LENGTH: 12 SEC	SWEEP TAPER: 0.5 SEC
NO. OF ELEMENTS: 24 PER GROUP		INLINE SPACING: 8'	LATERAL SPACING:	
STAGGER:		LENGTH: 200'	WIDTH:	LATERAL OFFSET:
SHOTPOINT INTERVAL: 400'		FOLD: 24	DIRECTION OF PROGRESSION: EAST	
OFFSET GROUP: 47		OFFSET GROUP 48/96:	LEADING GROUP: 1	

DIR	SPREAD			REMARKS:	CORR. STACK			
	CDP SWITCH	LINE GROUPS	SET UP		YR 1-48	YR 48-96	HI	REC
	45	1251	1351	1370				
	43	1253	1353	1370				
	41	1255	1355					
	39	1257	1357					
	39	1257	1357					
	39 39	1257	1357					
	33	1263	1363	CORRECT CDP SETTING THIS V.P.				
	31	1265	1365					
	29	1267	1367					
	27	1269	1369					
	25	1271	1371					
	23	1273	1373					
	21	1275	1375					
	19	1277	1377					
	17	1279	1379					
	15	1281	1381					
	17	1281	1381	RECORD #290 NO GOOD				
	11	1285	1385	RECORD #290 NO GOOD				
	9	1287	1387					
	7	1289	1389					


LAND SEISMIC RECORDING

	CLIENT: <u>G.S.I.</u>		PROSPECT: <u>ROCKY MOUNTAIN SEC</u>		AREA: <u>BEAVER</u>	
	PARTY NO: <u>1740</u>		INST. ENG: <u>TOM PAHL STEW BIRDOK</u>		<u>PAGE 2 OF 4 OTHER PARAMETER</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	<input type="checkbox"/> ODDS & EVENS	TYPE: <input type="checkbox"/> DFS III <input type="checkbox"/> DFS IV	<input type="checkbox"/> DFS V <input type="checkbox"/> OTHER	<input type="checkbox"/> 9 TRACK <input type="checkbox"/> 21 TRACK
	NO. BYTES IN HEADER REC:	NO. BYTES IN RECORD ID:	NO. BYTES PER SCAN:	RECORD NUMBERS:		
CONFIGURATION (MAG TAPE)	FIELD TRACE NOS: _____ DATA CHANNEL NOS: _____ (ON MAG TAPE)				AUXILIARY AUXILIARY	
PARAMETER	RECORD LENGTH: _____ sec.	SAMPLE RATE: <input type="checkbox"/> 1 ms. <input type="checkbox"/> 4 ms. <input type="checkbox"/> 2 ms. <input type="checkbox"/> _____ ms.	GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> FINAL <input type="checkbox"/> OPERATE		FILTERS: _____	
DISPLAY	MODE: <input type="checkbox"/> AGC <input type="checkbox"/> FLOAT <input type="checkbox"/> DEFLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> DIRECT	INITIAL GAIN: _____ db	Jrip SENS: _____ db		POLARITY CONVENTION: _____	
CFS I	TYPE STACK:	GATE LENGTH:	RECORD REJECTION:		NOISE REDUCTION:	
SOURCE	TYPE: <input type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER	PATTERN:	NO. OF POSITIONS:	INLINE SPACING:	LATER SPACING:	
		CHG/HOLE:	HOLE DEPTH:	SWEEP POSITION:	SWEEP START:	
RECEIVER	TYPE:	PATTERN:	NO. OF ELEMENTS:			
	CONNECTION:	RESISTANCE: _____ ohms	STAGGER:			
SPREAD	NO. OF GROUPS:	GROUP INTERVAL:	SHOTPOINT INTERVAL:			
	OFFSET GROUP 1:	OFFSET GROUP _____:	OFFSET GROUP _____:			

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	RPT.	TR. _____ to _____				SHOT								SPREAD			
		REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	COP SWITCH	LINE GROUPS					
11341	56	7	1213	16	17	22	23	26	27	29	30	32	35	37	5	1291	1371
11343			1216												3	1293	1393
11345			1217												49	1295	1395
11347			1218												47	1297	1397
11349			1217												45	1299	1399
11351			3010												43	1301	1401
11353			3011												53	1303	1403
11355			3012												51	1305	1405
11357			3013												49	1307	1407
11359			3015												47	1309	1409
11361		77	1013	13017											45	1311	1411
11363			3018												43	1313	1413
11365			3019												41	1315	1415
11375			310												31	1325	1425
11377			311												29	1327	1427
11379			312												27	1329	1429
11381			313												25	1331	1431
11383			315												23	1333	1433
11385			316												21	1335	1435
11387			317												19	1337	1437

ND SEISMIC RECORDING LOG

MOUNTAIN SPEC		AREA: <u>BEAVER UTAH</u>	LINE NO: <u>5</u>	
PAGE 2 OF 4 OTHER PARAMETERS SAME AS PAGE 1		DATE: <u>MO 5 DAY 3 YR 78</u>		
<input type="checkbox"/> DFS <input checked="" type="checkbox"/>	<input type="checkbox"/> 9 TRACK	FORMAT: <input type="checkbox"/> SEG	<input type="checkbox"/> GAPPED	PACKING DENSITY: (LO) <input type="checkbox"/> 356 BPI (HI) <input type="checkbox"/> 712 BPI
<input type="checkbox"/> OTHER	<input type="checkbox"/> 21 TRACK		<input type="checkbox"/> UNGAPPED	<input type="checkbox"/> 800 BPI <input type="checkbox"/> 1600 BPI
NO. BYTES PER SCAN:	RECORD NUMBERS: <input type="checkbox"/> DEC <input type="checkbox"/> OCT	GAIN CONSTANT: _____ db	INPUT IMPEDANCE: _____ ohms.	
	(1) _____ (2) _____ (3) _____ (4) _____ (5) _____ (6) _____ (7) _____	AUXILIARY DATA:		
(ON MAG TAPE)	AUXILIARY CHANNEL NOS.:			
MAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> OPERATE	FILTERS: _____	LO CUT HZ SLOPE _____	HI CUT HZ SLOPE _____	NOTCH FILTER: <input type="checkbox"/> IN <input type="checkbox"/> OUT
<input type="checkbox"/> IFP <input type="checkbox"/> FINAL	FREQ. _____			
SENS: _____ db	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"/> UPBREAK	ON DISPLAY
RECORD REJECTION:	NOISE REDUCTION: _____	NOISE THRESHOLD: _____	CORR. SCALING: _____	R.C.U. NORM./ALT SW.
NO. OF POSITIONS:	INLINE SPACING:	LATERAL SPACING:	STAGGER:	LENGTH:
SWEEP POSITION:	SWEEP START:	SWEEP END:	SWEEP LENGTH:	SWEEP TAPER:
	NO. OF ELEMENTS:	STAGGER:	LENGTH:	WIDTH:
ohms				LATERAL SPACING:
	SHOTPOINT INTERVAL:	FOLD:		DIRECTION OF PROGRESSION:
	OFFSET GROUP:	OFFSET GROUP 48/96:		LEADING GROUP:

DIR.	CDP SWITCH	SPREAD		REMARKS:	CORR. STACK			
		LINE GROUPS	SET UP		TR 1-48	TR 48-96	HT.	REC.
	5	1291	1391	1321 1323				
	3	1293	1393					
	49	1295	1395	1369 1370				
	47	1297	1397					
	45	1299	1399					
	43	1301	1401					
	53	1303	1403	1381 1382	MOVE UP RECORDER RECORD # 304			
	51	1305	1405					
	49	1307	1407					
	47	1309	1409	RECORD # 304 NO GOOD				
	45	1311	1411	RECORD # 306 NO GOOD				
	43	1313	1413	SKIP ^{VP} 1367-1373 - DUE TO BAD TERRAIN				
	41	1315	1415					
	31	1325	1425					
	29	1327	1427					
	27	1329	1429					
	25	1331	1431	RECORD # 314 NO GOOD				
	23	1333	1433					
	21	1335	1435					
	19	1337	1437					

LAND SEISMIC RECORDING



CLIENT: G.S.I.	PROSPECT: ROCKY MOUNTAIN SPEC	AREA: BEAVER
PARTY NO: 1740	INST. ENG: TOM FOHL STEW BURDICK	PAGE 3 OF 4 PARAMETERS SAME

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	ODDS & EVENS <input type="checkbox"/>	TYPE: <input type="checkbox"/> DFS III <input type="checkbox"/> DFS IV	<input type="checkbox"/> DFS V <input type="checkbox"/> OTHER	<input type="checkbox"/> 9 TRACK <input type="checkbox"/> 21 TRACK
CONFIGURATION (MAG TAPE)	FIELD TRACE NOS.:					AUXILIARY
PARAMETER	DATA CHANNEL NOS.:					AUXILIARY
NO. BYTES IN HEADER REC:	NO. BYTES IN RECORD ID:			NO. BYTES PER SCAN:		RECORD NUMBERS:
RECORD LENGTH: _____ sec.	SAMPLE RATE: <input type="checkbox"/> 1 ms. <input type="checkbox"/> 4 ms. <input type="checkbox"/> 2 ms. <input type="checkbox"/> _____ ms.	GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> OPERATE <input type="checkbox"/> JFP <input type="checkbox"/> FINAL		FILTERS: _____		
DISPLAY	MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> AGC <input type="checkbox"/> DEFOAT <input type="checkbox"/> DIRECT	INITIAL GAIN: _____ db	TRIP SENS: _____ db		POLARITY CONVENTION: _____	
CFS I	TYPE STACK:	GATE LENGTH:	RECORD REJECTION:		NOISE REDUCTION:	
SOURCE	TYPE: <input type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER	PATTERN:	NO. OF POSITIONS:	INLINE SPACING:	LATER SPACING:	
RECEIVER	CONNECTION:	CHG/ HOLE:	HOLE DEPTH:	SWEEP POSITION:	SWEEP START:	
SPREAD	NO. OF GROUPS:	GROUP INTERVAL:	SHOTPOINT INTERVAL:		SWEEP END:	
	OFFSET GROUP 1:	OFFSET GROUP _____:	OFFSET GROUP _____:			

DIAGRAMS/MISC. INFORMATION :

SHOTPOINT	TR _____ to _____		TR _____ to _____		SHOT							SPREAD	
	REEL NO	REC.	REEL NO	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS		
1389	791003	318									17	1339	1439
1391		319									15	1341	1441
1393		320									13	1343	1443
1395		321									11	1345	1445
1397		322									9	1347	1447
1399	791004	324									7	1349	1449
1401		325									5	1351	1451
1403		326									3	1353	1453
1405		327									49	1355	1455
1407		328									47	1357	1457
1409		329									45	1359	1459
1411		330									43	1361	1461
1413		331									41	1363	1463
1415		332									39	1365	1465
1417		333									37	1367	1467
1419		335									35	1369	1469
1421		336									33	1371	1471
1423		337									51	1373	1473
1425		338									29	1375	1475
1427	791005	339									27	1377	1477

ID SEISMIC RECORDING LOG

AREA: BEAVER, UTAH LINE NO: 5
 DATE: MO 5 DAY 3 YR 78



PAGE 3 of 4 PARAMETERS SAME AS PAGE 1

DFS OTHER
 9 TRACK 21 TRACK
 FOPMAT: _____ SEG _____
 GAPPED UNGAPPED
 PACKING DENSITY: _____ (LO) 356 BPI 800 BPI (HI) 712 BPI 1600 BPI

BYTES SCAN: _____ RECORD NUMBERS: DEC OCT GAIN CONSTANT: _____ db INPUT IMPEDANCE: _____ ohms
 (1) (2) (3) (4) (5) (6) (7)

AUXILIARY DATA: _____
 AUXILIARY CHANNEL NOS.: _____

(ON MAG TAPE)

RUN MODE: INITIAL MANUAL FINAL OPERATE
 FILTERS: _____ LO CUT _____ HI CUT _____
 FREQ. _____ HZ SLOPE _____ FREQ. _____ HZ SLOPE _____
 NOTCH FILTER: IN OUT

POLARITY CONVENTION: _____ PRESSURE INCREASE ON GEOPHONE: NEGATIVE POSITIVE } NUMBERS ON MAG TAPE DOWNBREAK UPBREAK } ON DISPLAY

NOISE REDUCTION: _____ NOISE THRESHOLD: _____ CORR. SCALING: _____ R.C.U. NORM./ALT SW. _____

NO. OF POSITIONS: _____ INLINE SPACING: _____ LATERAL SPACING: _____ STAGGER: _____ LENGTH: _____ WIDTH: _____ LATERAL OFFSET: _____
 SWEEP POSITION: _____ SWEEP START: _____ SWEEP END: _____ SWEEP LENGTH: _____ SWEEP TAPER: _____ PHASE COMP: _____

NO. OF ELEMENTS: _____ INLINE SPACING: _____ LATERAL SPACING: _____
 STAGGER: _____ LENGTH: _____ WIDTH: _____ LATERAL OFFSET: _____

SHOTPOINT INTERVAL: _____ FOLD: _____ DIRECTION OF PROGRESSION: _____
 OFFSET GROUP: _____ OFFSET GROUP 48/96: _____ LEADING GROUP: _____

DIR	SPREAD			REMARKS:	CORR. STACK			
	CDP SWITCH	LINE GROUPS			SET UP	YR 1-48		YR 48-96
					HT.	REC.	HT.	REC.
	17	1339	1439	1321 1322				
	15	1341	1441					
	13	1343	1443					
	11	1345	1445					
	9	1347	1447	RECORD # 323 NO GOOD				
	7	1349	1449					
	5	1351	1451	RECORD # 324 NO GOOD				
	3	1353	1453					
	49	1355	1455	1429 1430 NOTE-UP				
	47	1357	1457					
	45	1359	1459					
	43	1361	1461					
	41	1363	1463					
	39	1365	1465					
	37	1367	1467					
	35	1369	1469	RECORD # 334 NO GOOD				
	33	1371	1471					
	51	1373	1473					
	29	1375	1475					
	27	1377	1477					

LAND SEISMIC RECORDING



CLIENT: GSI PROSPECT: ROCKY MOUNTAIN SPEC. AREA: BEAVER
 PARTY NO: 1740 INST. ENG: TOM POHL STEW BURDICK PARAMETERS SAME AS PAGE

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	<input type="checkbox"/> ODDS <input type="checkbox"/> EVENS	TYPE: <input type="checkbox"/> DFS III <input type="checkbox"/> DFS IV	<input type="checkbox"/> DFS II <input type="checkbox"/> OTHER	<input type="checkbox"/> 9 TRACK <input type="checkbox"/> 21 TRACK
CONFIGURATION (MAG TAPE)	FIELD TRACE NOS: _____ DATA CHANNEL NOS: _____ (ON MAG TAPE)					AUXILIARY C AUXILIARY C
PARAMETER	RECORD LENGTH: _____ sec.	SAMPLE RATE: <input type="checkbox"/> 1 ms. <input type="checkbox"/> 4 ms. <input type="checkbox"/> 2 ms. <input type="checkbox"/> _____ ms	GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> IFP <input type="checkbox"/> FINAL <input type="checkbox"/> OPERATE		FILTERS: _____ FR	
DISPLAY	MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> AGC <input type="checkbox"/> DEFLOAT <input type="checkbox"/> DIRECT	INITIAL GAIN: _____ db	J RIP SENS: _____ db		POLARITY CONVENTION	
CFS I	TYPE STACK:	GATE LENGTH:	RECORD REJECTION:		NOISE REDUCTION:	
SOURCE	TYPE: <input type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER	PATTERN:	NO. OF POSITIONS:	INLINE SPACING:	LATERAL SPACING:	
RECEIVER	CONNECTION:	RESISTANCE: _____ ohms	NO. OF ELEMENTS:		STAGGER:	
SPREAD	NO. OF GROUPS:	GROUP INTERVAL:	SHOTPOINT INTERVAL:		OFFSET GROUP _____	
DIAGRAMS/MISC. INFORMATION:						

SHOTPOINT	REEL	TR _____ to _____		TR _____ to _____		SHOT						SPREAD				
		REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS				
1429	791005	12	13	17	22	23	26	27	29	30	32	35	37	25	1379	1479
1431			341											23	1381	1481
1433			342											21	1383	1483
1435			343											19	1385	1485
1437			344											17	1387	1487
1439			345											15	1389	1489
1441			346											13	1391	1491
1443			347											11	1393	1493
1445			348											9	1395	1495
1447			349											7	1397	1497
1449			350											5	1399	1499
1451			351											3	1401	1501
1453			352											13	1403	1503
1455			354											11	1405	1505
1457	791006		356											9	1407	1507
1459			357											7	1409	1509
1461			358											5	1411	1511
1463			359											3	1413	1513
1465			360											1	1415	1515
1467			361											239	1417	1517

ID SEISMIC RECORDING LOG

IN SPEC. AREA: BEAVER UTAH LINE NO: 5 DATE: MO 5 DAY 3 YR 78

PARAMETERS SAME AS PAGE 1 PAGE 4 OF 4



DFS OTHER
 9 TRACK 21 TRACK FOPMAT: _____ SEG _____ GAPPED UNGAPPED PACKING DENSITY: (LO) 356 BPI 800 BPI (HI) 712 BPI 1600 BPI

BYTES SCAN: _____ RECORD NUMBERS: DEC. OCT GAIN CONSTANT: _____ db INPUT IMPEDANCE: _____ ohms.

(1) (2) (3) (4) (5) (6) (7)

AUXILIARY DATA: _____
 (ON MAG TAPE) AUXILIARY CHANNEL NOS.: _____

RUN MODE: INITIAL MANUAL FINAL OPERATE FILTERS: _____ LO CUT HZ SLOPE _____ HI CUT HZ SLOPE _____ NOTCH FILTER: IN OUT

POLARITY CONVENTION: _____ PRESSURE INCREASE ON GEOPHONE: NEGATIVE POSITIVE } NUMBERS ON ON MAG TAPE DOWNBREAK UPBREAK } ON DISPLAY

NOISE REDUCTION: _____ NOISE THRESHOLD: _____ CORR. SCALING: _____ R.C.U. NORM./ALT SW. _____

NO. OF POSITIONS:	INLINE SPACING:	LATERAL SPACING:	STAGGER:	LENGTH:	WIDTH:	LATERAL OFFSET:
SWEEP POSITION:	SWEEP START:	SWEEP END:	SWEEP LENGTH:	SWEEP TAPER:	PHASE COMP:	
NO. OF ELEMENTS:	INLINE SPACING:	LATERAL SPACING:	STAGGER:	LENGTH:	WIDTH:	LATERAL OFFSET:
ohms	SHOTPOINT INTERVAL:	FOLD:	OFFSET GROUP:	LEADING GROUP:	DIRECTION OF PROGRESSION:	

DIR	SPREAD			REMARKS:	CORR. STACK				
	CDP SWITCH	LINE GROUPS	SET UP		YR 1-48	YR 48-92	HT.	REC.	HT.
	25	1379	1479 1430						
	23	1381	1481						
	21	1383	1483						
	19	1385	1485						
	17	1387	1487						
	15	1389	1489						
	13	1391	1491						
	11	1393	1493						
	9	1395	1495						
	7	1397	1497						
	5	1399	1499						
	3	1401	1501						
	13	1403	1503 1441 1412						
	11	1405	1505	RECORD # 353 NO GOOD					
	9	1407	1507	RECORD # 355 NO GOOD					
	7	1409	1509						
	5	1411	1511						
	3	1413	1513						
	1	1415	1515						
	239	1417	1517						

LAND SEISMIC RECORDING



CLIENT: G.S.I. PROSPECT: ROCKY MOUNTAIN SAC AREA: BEAVER
 PARTY NO: 1740 INST. ENG: TEM POHL STEW BUDNIK PAGE 1 OF 5

INSTRUMENT: 1 SYSTEM 1-24 & 25-48 ODDS & EVENS TYPE: DFS III DFS IV OTHER CDX 9 TRACK 21 TRACK
 (9-TRACK) NO. BYTES IN HEADER REC: 274 NO. BYTES IN RECORD ID: _____ NO. BYTES PER SCAN: 314 RECORD NUMBERS: _____

CONFIGURATION (MAG TAPE) FIELD TRACE NOS.: 1-94 DATA CHANNEL NOS.: 6-101 (ON MAG TAPE) AUXILIARY 1: _____ AUXILIARY 2: _____

PARAMETER RECORD LENGTH: 16 sec. SAMPLE RATE: 1 ms. 4 ms. 2 ms. GAIN MODE: INITIAL MANUAL FINAL OPERATE JFP

DISPLAY MODE: MAGC FLOAT AMPLIFIER DEFLOAT DIRECT INITIAL GAIN: _____ db TRIP SENS: _____ db POLARITY CONVENTION: _____

CFS I TYPE STACK: VERTICAL GATE LENGTH: 64ms RECORD REJECTION: AUTO EDIT NOISE REDUCTION: _____

SOURCE TYPE: DYNAMITE VIBROSEIS OTHER 2U185 PATTERN: INLINE NO. OF POSITIONS: 16 INLINE SPACING: 25' LATER SPAC: _____
 CHG/ HOLE: _____ HOLE DEPTH: _____ SWEEP PER POSITION: 1 SWEEP START: 12 SWEEP END: _____

RECEIVER TYPE: D20-10 PATTERN: INLINE NO. OF ELEMENTS: 24 PER CONNECTION: SER PAR RESISTANCE: 220 ohms STAGGER: _____

SPREAD NO. OF GROUPS: 94 GROUP INTERVAL: 200' SHOTPOINT INTERVAL: 400' OFFSET GROUP 1: _____ OFFSET GROUP 48 OFFSET GROUP 49



SHOTPOINT	TR _____ to _____		TR _____ to _____		SHOT							SPREAD	
	REEL NO	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR	CDP SWITCH	LINE GROUPS		
11469	7911007	3162									45	1419	1519
11471		3163									43	1421	1521
11473		3164									41	1423	1523
11475		3165									39	1425	1525
11477		3166									37	1427	1527
11479		3167									35	1429	1529
11481		3168									33	1431	1531
11483		3169									31	1433	1533
11485		3170									29	1435	1535
11487		3171									27	1437	1537
11489		3172									25	1439	1539
11491		3173									23	1441	1541
11493		3175									21	1443	1543
11495		3176									19	1445	1545
11497		3177									17	1447	1547
11499		3178									15	1449	1549
11501	7911008	3179									13	1451	1551
11503		3180									11	1453	1553
11505		3181									9	1455	1555
11507		3182									7	1457	1557

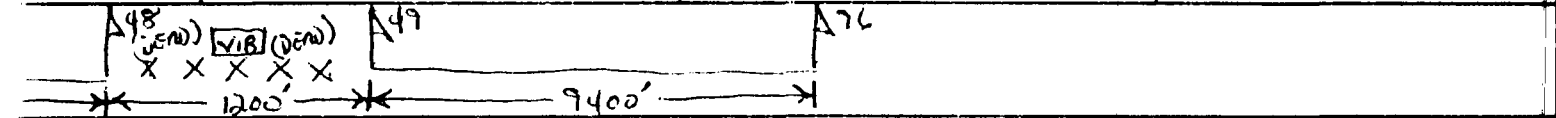
SEISMIC RECORDING LOG

AREA: BEAVER UTAH LINE NO: 5
 DATE: MO 5 DAY 24 YR 78
 GSI

PAGE 1 OF 5
 DFS OTHER CDX 9 TRACK 21 TRACK
 FORMAT: B SEG GAPPED UNGAPPED
 PACKING DENSITY: (LO) 356 BPI (HI) 712 BPI 800 BPI 1600 BPI
 BYTES PER SCAN: 314 RECORD NUMBERS: DEC. OCT GAIN CONSTANT: 24 db INPUT IMPEDANCE: 2000 ohms.
 AUXILIARY DATA: (1) RW (2) SS (3) RS (4) RS (5) RS (6) GW (7) DATA
 AUXILIARY CHANNEL NOS.: 0 1 2 3 4 5 6

MAIN MODE: INITIAL MANUAL FINAL OPERATE
 FILTERS: FREQ. OUT LO CUT HZ SLOPE - FREQ. 128 HI CUT HZ SLOPE 70 NOTCH FILTER: IN OUT
 POLARITY CONVENTION: NEGATIVE } NUMBERS ON ON MAG. TAPE DOWNBREAK } ON DISPLAY
 POSITIVE } UPBREAK }
 NOISE REDUCTION: AUTO EDIT NOISE THRESHOLD: 3 CORR. SCALING: 3 R.C.U. NORM/ALT SW: NORM

NO. OF POSITIONS: 16 INLINE SPACING: 25' LATERAL SPACING: STAGGER: LENGTH: 225' WIDTH: LATERAL OFFSET:
 SWEEP PER POSITION: 1 SWEEP START: 12 SWEEP END: 60 SWEEP LENGTH: 12500 SWEEP TAPER: .5 SEC PHASE COMP: IN
 NO. OF ELEMENTS: 24 PER GROUP INLINE SPACING: 8' LATERAL SPACING:
 STAGGER: LENGTH: 200' WIDTH: LATERAL OFFSET:
 SHOTPOINT INTERVAL: 400' FOLD: 24 DIRECTION OF PROGRESSION: EAST
 OFFSET GROUP: 49 OFFSET GROUP 48/96: LEADING GROUP: 1



DIR.	SPREAD			REMARKS:	CORR STACK			
	CDP SWITCH	LINE GROUPS			SET UP	TR 48-88	TR 48-96	REC.
	45	1419	1519	1439 1470				
	43	1421	1521					
	41	1423	1523					
	39	1425	1525					
	37	1427	1527					
	35	1429	1529					
	33	1431	1531					
	31	1433	1533					
	29	1435	1535					
	27	1437	1537					
	25	1439	1539					
	23	1441	1541					
	21	1443	1543	Record #374 No Geol				
	19	1445	1545					
	17	1447	1547					
	15	1449	1549					
	13	1451	1551					
	11	1453	1553					
	9	1455	1555					
	7	1457	1557					

LAND SEISMIC RECORDING




CLIENT: G.S.I. PROSPECT: ROCKY MOUNTAIN SPEC AREA: BEAVER
 PARTY NO: 1740 INST. ENG: TOM POHL NEW BRIDICK PAGE 2 OF 5 OTHER PART: _____

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	<input type="checkbox"/> ODDS & EVENS	TYPE: <input type="checkbox"/> DFS III <input type="checkbox"/> DFS IV	<input type="checkbox"/> DFS V <input type="checkbox"/> OTHER _____	<input type="checkbox"/> 9 TRACK <input type="checkbox"/> 21 TRACK
CONFIGURATION (MAG TAPE)	FIELD TRACE NOS.: _____ DATA CHANNEL NOS.: _____ (ON MAG TAPE)					AUXILIARY AUXILIARY
PARAMETER	RECORD LENGTH: _____ sec.	SAMPLE RATE: <input type="checkbox"/> 1 ms. <input type="checkbox"/> 4 ms. <input type="checkbox"/> 2 ms. <input type="checkbox"/> _____ ms.	GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> IFP <input type="checkbox"/> FINAL <input type="checkbox"/> OPERATE		FILTERS:	
DISPLAY	MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> AGC <input type="checkbox"/> DEFLOAT <input type="checkbox"/> DIRECT	INITIAL GAIN: _____ db	JTRIP SENS: _____ db		POLARITY CONVENTION	
CFS I	TYPE STACK:	GATE LENGTH:	RECORD REJECTION:		NOISE REDUCTION	
SOURCE	TYPE: <input type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER _____	PATTERN:	NO. OF POSITIONS:	INLINE SPACING:	LATE SPAC	
RECEIVER	TYPE:	CHG/HOLE:	HOLE DEPTH:	SWEEP POSITION:	SWEEP START:	SWEET END
SPREAD	NO. OF GROUPS:	GROUP INTERVAL:	SHOTPOINT INTERVAL:		OFFSET GROUP _____	
	OFFSET GROUP 1:	OFFSET GROUP _____				

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR _____ to _____		TR _____ to _____		SHOT							SPREAD	
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS		
115109	7911010	13814									5	1459	1559
115111		13815									3	1461	1561
115113		13816									49	1463	1563
115115		13817									47	1465	1565
115117		13818									45	1467	1567
115119		13819									43	1469	1569
115121		13910									41	1471	1571
115123		13911									39	1473	1573
115125		13912									37	1475	1575
115127		13913									35	1477	1577
115129		13914									33	1479	1579
115131	7911019	13915									31	1481	1581
115133		13916									29	1483	1583
115135		13917									27	1485	1585
115137		13918									25	1487	1587
115139		13919									23	1489	1589
115141		1400									21	1491	1591
115143		1401									19	1493	1593
115145		1402									17	1495	1595
115147		1403									15	1497	1597

ND SEISMIC RECORDING LOG

MOUNTAIN SPEC AREA: BEAVER UTAH LINE NO: 1740
 DATE: MO 5 DAY 4 YR 78


PAGE 2 OF 5 OTHER PARAMETERS SAME AS PAGE 1
 DFS OTHER 9 TRACK 21 TRACK FOPMAT: _____ SEG _____ GAPPED UNGAPPED PACKING DENSITY: _____ (LO) 356 BPI (HI) 712 BPI 800 BPI 1600 BPI
 NO. BYTES _____ RECORD NUMBERS: _____ DEC OCT GAIN CONSTANT: _____ db INPUT IMPEDANCE: _____ ohms.
 (1) (2) (3) (4) (5) (6) (7)
 AUXILIARY DATA: _____
 (ON MAG TAPE) AUXILIARY CHANNEL NOS.: _____

MAIN MODE: INITIAL MANUAL FINAL OPERATE FILTERS: _____ LO CUT _____ HZ SLOPE _____ HI CUT _____ HZ SLOPE _____ NOTCH FILTER: IN OUT
 RIP _____ db POLARITY CONVENTION: _____ PRESSURE INCREASE ON GEOPHONE: NEGATIVE POSITIVE } NUMBERS ON ON MAG TAPE DOWNBREAK UPBREAK } ON DISPLAY
 RECORD REJECTION: _____ NOISE REDUCTION: _____ NOISE THRESHOLD: _____ CORR. SCALING: _____ R. C. U. NORM./ALT SW. _____

NO. OF POSITIONS:	INLINE SPACING:	LATERAL SPACING:	STAGGER:	LENGTH:	WIDTH:	LATERAL OFFSET:
SWEEP POSITION:	SWEEP START:	SWEEP END:	SWEEP LENGTH:	SWEEP TAPER:	PHASE COMP:	
ohms	NO. OF ELEMENTS:	STAGGER:	INLINE SPACING:	LENGTH:	WIDTH:	LATERAL OFFSET:
	SHOTPOINT INTERVAL:	FOLD:	DIRECTION OF PROGRESSION:	LEADING GROUP:		
	OFFSET GROUP:	OFFSET GROUP 48/96:				

DIR.	SPREAD			REMARKS:	CORR. STACK			
	CDP SWITCH	LINE GROUPS	SET UP		YR 1-48	YR 48-96	HT.	REC.
	5	1459	1557	1489 1470	RECORD # 383 NO GOOD			
	3	1461	1561					
	49	1463	1563					
	47	1465	1565					
	45	1467	1567					
	43	1469	1569					
	41	1471	1571					
	39	1473	1573					
	37	1475	1575					
	35	1477	1577					
	33	1479	1579					
	31	1481	1581					
	27	1483	1583					
	27	1485	1585					
	25	1487	1587					
	23	1489	1589					
	21	1491	1591					
	19	1493	1593					
	17	1495	1595					
	15	1497	1597					

LAND SEISMIC RECORDING



CLIENT: G.S.I. PROSPECT: ROCKY MOUNTAIN SEC AREA: BEAUL
 PARTY NO: 1740 INST. ENG: JIM POHL STEW PURDICK PAGE 3 OF 5 OTHER PARAMETERS

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	<input type="checkbox"/> ODDS <input type="checkbox"/> EVENS	TYPE: <input type="checkbox"/> DFS III <input type="checkbox"/> DFS IV	<input type="checkbox"/> DFS V <input type="checkbox"/> OTHER	<input type="checkbox"/> 9 TRACK <input type="checkbox"/> 21 TRACK	
CONFIGURATION (MAG TAPE)	FIELD TRACE NOS.:					AUXILIARY	
PARAMETER	DATA CHANNEL NOS.:					AUXILIARY	
NO. BYTES IN HEADER REC:	NO. BYTES IN RECORD ID:		NO. BYTES PER SCAN:		RECORD NUMBERS:		
RECORD LENGTH: _____ sec.	SAMPLE RATE: <input type="checkbox"/> 1 ms. <input type="checkbox"/> 4 ms. <input type="checkbox"/> 2 ms. <input type="checkbox"/> _____ ms.	GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> IFP <input type="checkbox"/> FINAL <input type="checkbox"/> OPERATE		FILTERS:			
DISPLAY	MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> AGC <input type="checkbox"/> DEFLOAT <input type="checkbox"/> DIRECT	INITIAL GAIN: _____ db	TRIP SENS: _____ db		POLARITY CONVENTION:		
CFS I	TYPE STACK:	GATE LENGTH:	RECORD REJECTION:		NOISE REDUCTION:		
SOURCE	TYPE: <input type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER		PATTERN:		NO. OF POSITIONS:	INLINE SPACING:	LATER SPACING:
	CHG/ HOLE:	HOLE DEPTH:	SWEEP POSITION:		SWEEP START:	SWEEP END:	
RECEIVER	TYPE:		PATTERN:		NO. OF ELEMENTS:		
	CONNECTION:		RESISTANCE:		STAGGER:		
SPREAD	NO. OF GROUPS:		GROUP INTERVAL:		SHOTPOINT INTERVAL:		
	OFFSET GROUP 1:		OFFSET GROUP _____:		OFFSET GROUP _____:		

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR _____ to _____				SHOT								SPREAD	
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS			
1	7911097	409	17	22 23 26 27 29 30 32				35 37		13	1499	1599		
115149		409								11	1501	1601		
115151		406								9	1503	1603		
115153		407								7	1505	1605		
115155		408								5	1507	1607		
115157		407								3	1509	1609		
115159		410								49	1511	1611		
115161		411								47	1513	1613		
115163	7911010	412								45	1515	1615		
115165		413								43	1517	1617		
115167		414								41	1519	1619		
115171		415								39	1521	1621		
115173		416								37	1523	1623		
115175		417								35	1525	1625		
115177		418								33	1527	1627		
115179		419								31	1529	1629		
115181		420								29	1531	1631		
115183		421								27	1533	1633		
115185		422								25	1535	1635		
115187		423								23	1537	1637		

LAND SEISMIC RECORDING LOG

MOUNTAIN SPEC AREA: BEAVER UTAH LINE NO: 5
 DATE: MO 5 DAY 4 YR 78



PAGE 3 OF 5 OTHER PARAMETERS SAME AS PAGE 1

DFS OTHER
 9 TRACK 21 TRACK FOPMAT: _____ GAPPED UNGAPPED PACKING DENSITY: (LO) 356 BPI (HI) 712 BPI 800 BPI 1600 BPI
 RECORD NUMBERS: DEC. OCT GAIN CONSTANT: _____ db INPUT IMPEDANCE: _____ ohms
 AUXILIARY DATA: _____ (1) (2) (3) (4) (5) (6) (7)
 AUXILIARY CHANNEL NOS.: _____
 MAIN MODE: INITIAL MANUAL FINAL OPERATE FILTERS: _____ LO CUT HZ SLOPE _____ HI CUT HZ SLOPE _____ NOTCH FILTER: IN OUT
 POLARITY CONVENTION: _____ PRESSURE INCREASE ON GEOPHONE: NEGATIVE POSITIVE } NUMBERS ON MAG. TAPE DOWNBREAK UPBREAK } ON DISPLAY
 NOISE REDUCTION: _____ NOISE THRESHOLD: _____ CORR. SCALING: _____ R.C.U. NORM./ALT SW.

NO. OF POSITIONS:	INLINE SPACING:	LATERAL SPACING:	STAGGER:	LENGTH:	WIDTH:	LATERAL OFFSET:
SWEEP POSITION:	SWEEP START:	SWEEP END:	SWEEP LENGTH:	SWEEP TAPER:	PHASE COMP:	
ohms	NO. OF ELEMENTS:	STAGGER:	INLINE SPACING:	LENGTH:	WIDTH:	LATERAL OFFSET:
	SHOTPOINT INTERVAL:	FOLD:	DIRECTION OF PROGRESSION:			
	OFFSET GROUP:	OFFSET GROUP 48/96:	LEADING GROUP:			

DIR	SPREAD			REMARKS:	CORR. STACK			
	CDP SWITCH	LINE GROUPS	SET UP		TR 1-48	TR 48-96	HT.	RFC.
	13	1499	1599	1537 1538				
	11	1501	1601					
	9	1503	1603					
	7	1505	1605					
	5	1507	1607					
	3	1509	1609					
	49	1511	1611	1535 1536				
	47	1513	1613					
	45	1515	1615					
	43	1517	1617					
	41	1519	1619					
	39	1521	1621					
	37	1523	1623					
	35	1525	1625					
	33	1527	1627					
	31	1529	1629					
	29	1531	1631					
	27	1533	1633					
	25	1535	1635					
	23	1537	1637					

LAND SEISMIC RECORDING



CLIENT: G.S.I. **PROSPECT:** ROCKY MOUNTAIN SPEC. **AREA:** BEAVER
PARTY NO.: 1740 **INST. ENG.:** TOM BOLL STEVE BRADICK PAGE 4 OF 5 OTHER PARAM.

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	<input type="checkbox"/> ODDS & EVENS	TYPE: <input type="checkbox"/> DFS III <input type="checkbox"/> DFS IV	<input type="checkbox"/> DFS V <input type="checkbox"/> OTHER	<input type="checkbox"/> 9 TRACK <input type="checkbox"/> 21 TRACK
CONFIGURATION (MAG TAPE)	FIELD TRACE NOS.: _____ DATA CHANNEL NOS.: _____ (ON MAG TAPE)					AUXILIARY D: AUXILIARY C:
PARAMETER	RECORD LENGTH: _____ sec.	SAMPLE RATE: <input type="checkbox"/> 1 ms. <input type="checkbox"/> 4 ms. <input type="checkbox"/> 2 ms. <input type="checkbox"/> _____ ms.	GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> IFP <input type="checkbox"/> FINAL <input type="checkbox"/> OPERATE		FILTERS: _____ FR	
DISPLAY	MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> AGC <input type="checkbox"/> DEFLOAT <input type="checkbox"/> DIRECT	INITIAL GAIN: _____ db	TRIP SENS: _____ db		POLARITY CONVENTION	
CFS I	TYPE STACK:	GATE LENGTH:	RECORD REJECTION:		NOISE REDUCTION:	
SOURCE	TYPE: <input type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER	PATTERN:	NO. OF POSITIONS:	INLINE SPACING:	LATERAL SPACING:	
RECEIVER	CONNECTION:	CHG/ HOLE:	HOLE DEPTH:	SWEEP POSITION:	SWEEP START:	SWEEP END:
SPREAD	TYPE:	PATTERN:	NO. OF ELEMENTS:	STAGGER:		
	NO. OF GROUPS:	GROUP INTERVAL:	RESISTANCE: _____ ohms		SHOTPOINT INTERVAL:	
	OFFSET GROUP 1:	OFFSET GROUP _____:			OFFSET GROUP _____:	

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR. _____ to _____		TR. _____ to _____		SHOT							SPREAD		
	REEL NO	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS			
115189	791010	424									21	1539	1639	
115191		425									19	1541	1641	
115193		426									17	1543	1643	
115195		427									15	1545	1645	
115197	791011	429									13	1547	1647	
115199		430									11	1549	1649	
116000		431									9	1551	1651	
11603		432									7	1553	1653	
11605		433									5	1555	1655	
11607		434									3	1557	1657	
11609		435									31	1559	1659	
11611		436									29	1561	1661	
11613		438									27	1563	1663	
11615		439									25	1565	1665	
11617		441									23	1567	1667	
11618		442									21	1569	1669	
11621		443									19	1571	1664	
11623	791012	445									17	1573	1664	
11625		446									15	1575	1664	
11627		447									13	1577	1664	

LAND SEISMIC RECORDING



CLIENT: G.S.I. PROSPECT: ROCKY MOUNTAIN SPEC. AREA: BEAVER

PARTY NO: 1740 INST. ENG: TOM POHL STEW BURDICK PAGE 5 OF 5 OTHER PARAMETERS

INSTRUMENT (9-TRACK) 1 SYSTEM 2 SYSTEMS 1-24 & 25-48 1-48 & 49-96 ODDS & EVENS TYPE: DFS III DFS IV DFS V OTHER 9 TRACKS 21 TRACKS

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

PARAMETER RECORD LENGTH: _____ sec. SAMPLE RATE: 1 ms. 4 ms. 2 ms. _____ ms. GAIN MODE: INITIAL MANUAL FINAL OPERATE IFF

DISPLAY MODE: FLOAT AMPLIFIER AGC DEFLOAT DIRECT INITIAL GAIN: _____ db J RIP SENS: _____ db POLARITY CONVENT: _____

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

SOURCE TYPE: DYNAMITE VIBROSEIS OTHER PATTERN: _____ NO. OF POSITIONS: _____ INLINE SPACING: _____ LAT SP: _____ CHG/ HOLE: _____ HOLE DEPTH: _____ SWEEP POSITION: _____ SWEEP START: _____ SW: ENT

RECEIVER TYPE: _____ PATTERN: _____ NO. OF ELEMENTS: _____ CONNECTION: _____ RESISTANCE: _____ ohms STAGGER: _____

SPREAD NO. OF GROUPS: _____ GROUP INTERVAL: _____ SHOTPOINT INTERVAL: _____ OFFSET GROUP 1: _____ OFFSET GROUP _____: _____

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR _____ to _____		TR _____ to _____		SHOT								SPREAD		
	REEL NO.	REC.	REEL NO.	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS				
11629	791012	448	17	22	23	26	27	29	30	32	35	37	11	1579	166
11631		450											7	1581	166
11633		451											7	1583	166
11635		452											5	1585	1664
11637		453											3	1587	1665
11639		454											1	1589	1666
11641		455											237	1591	1664
11643		456											237	1593	1664
11645		457											235	1595	1665
11647		458											233	1597	1665
11649		460											231	1599	1665
11651	791013	461											229	1601	1665
11653		463											227	1603	1665
11655		464											225	1605	1665
11657		465											223	1607	1665
11659		466											221	1609	1665
11661		467											219	1611	1665
11663		468											217	1613	1665

ND SEISMIC RECORDING LOG

AREA: BEAVER UTAH LINE NO: 5
 DATE: MO 5 DAY 4 YR 78



PAGE 5 OF 5 OTHER PARAMETERS SAME AS PAGE 1
 DFS OTHER
 9 TRACK 21 TRACK FOPMAT: SEG GAPPED UNGAPPED PACKING DENSITY: (LO) 356 BPI (HI) 712 BPI 800 BPI 1600 BPI

RECORD NUMBERS: DEC. OCT GAIN CONSTANT: _____ db INPUT IMPEDANCE: _____ ohms.
 (1) (2) (3) (4) (5) (6) (7)

AUXILIARY DATA: _____
 AUXILIARY CHANNEL NOS.: _____

(ON MAG TAPE)
 MAIN MODE: INITIAL MANUAL FINAL OPERATE
 FILTERS: LO CUT _____ HZ SLOPE _____ HI CUT _____ HZ SLOPE _____ NOTCH FILTER: IN OUT

POLARITY CONVENTION: _____ PRESSURE INCREASE ON GEOPHONE: NEGATIVE POSITIVE } NUMBERS ON ON MAG. TAPE DOWNBREAK UPBREAK } ON DISPLAY
 NOISE REDUCTION: _____ NOISE THRESHOLD: _____ CORR. SCALING: _____ R.C.U. NORM./ALT SW.

NO. OF POSITIONS:	INLINE SPACING:	LATERAL SPACING:	STAGGER:	LENGTH:	WIDTH:	LATERAL OFFSET:
SWEEP POSITION:	SWEEP START:	SWEEP END:	SWEEP LENGTH:	SWEEP TAPER:	PHASE COMP:	
	NO. OF ELEMENTS:		INLINE SPACING:		LATERAL SPACING:	
ohms	STAGGER:		LENGTH:		WIDTH:	LATERAL OFFSET:
	SHOTPOINT INTERVAL:		FOLD:		DIRECTION OF PROGRESSION:	
	OFFSET GROUP:		OFFSET GROUP 48/96:		LEADING GROUP:	

DIR	SPREAD			REMARKS:	CORR. STACK			
	CDP SWITCH	LINE GROUPS	SET UP		YR 1-48	YR 49-96	YR 1-48	YR 49-96
	11	1579	1664					
	9	1581	1664	RECORD # 449 NO GOOD				
	7	1583	1664					
	5	1585	1664					
	3	1587	1664					
	1	1589	1664					
	239	1591	1664					
	237	1593	1664					
	235	1595	1664					
	233	1597	1664					
	231	1599	1664	RECORD # 459 NO GOOD				
	229	1601	1664	RECORD # 462 NO GOOD				
	227	1603	1664					
	225	1605	1664					
	223	1607	1664					
	221	1609	1664					
	219	1611	1664					
	217	1613	1664	END OF LINE				