

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

Page 1 of 26
Exploration Services
Division
Geosource Inc.

| | | | | |
|-------------------------|-----------------------------|-------------------------|---------------------------|------------------------|
| CLIENT COCORP | AREA Nevada | STATE Nevada | COUNTY Pershing | DATE 5-19-83 |
| CREW NO. 6834 | TERRAIN Dirt Road | WEATHER Clear | | LINE NO. #3 |

| REC.NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL.NO. | FILTER | | | REMARKS |
|---------|----------------|-----------------|---------|-----------|----------|-------------|--------|-----|------|--|
| | | | | | | | LOCUT | 60~ | AMP | |
| 1 | PULSE | 1-6sec | | | missed | 534 | OUT | IN | | B.O.T #534, 900 10sec ALL ONES. |
| 2 | EINT | 2- " " | | | | | | | | Recorder SET UP AT 75-76 |
| 3 | D.R.P | 4- " " | | | | | | | | Vibs will Be Pushing Line |
| 4 | sumfest | 2- " " | | | | | | | | 1st Vib NOSE 70' PAST FLAG, 2ND Vibs NOSE 30' |
| 5 | N.R.S | 2- " " | | | | | | | | Before FLAG, 100' SPACING, 41.25 MOVE UP. |
| 6 | 932 similarity | 1-32sec | 240 | 5 | | | | | 50% | |
| 7 | 001 windstrip | 1-48sec | 1 | | | | | | 72db | |
| 8 | 002 1 | 4-99 | 1 | 5 | | | | | 50% | |
| 9 | 003 2 | 5-100 | 2 | | 1 | | | | 50% | |
| 10 | 004 3 | 6-101 | 3 | | | | | | 50% | |
| 11 | 005 4 | 7-102 | 4 | 4 | | | | | 50% | Vib # 23651 DOWN, Broken Fan Belt ON BACK motor. |
| 12 | 006 5 | 8-103 | 5 | | | | | | 50% | |
| 13 | 007 6 | 9-104 | 6 | | | | | | 50% | |
| 14 | 008 7 | 10-105 | 7 | | | | | | 50% | |
| 15 | 009 8 | 11-106 | 8 | | | | | | 50% | |
| 16 | 010 9 | 12-107 | 9 | | | | | | 50% | |
| 17 | 011 10 | 13-108 | 10 | | | 534 | | | 50% | E.O.T #534, TAPE MKTS |
| 18 | 012 11 | 14-109 | 11 | WINDSTRIP | | 535 | | | 72db | B.O.T #535, 900 10sec ALL ONES. |
| 19 | 013 11 | 14-109 | 11 | | | | | | 50% | |
| 20 | 014 12 | 15-110 | 12 | | | | | | 50% | |
| 21 | 015 13 | 16-111 | 13 | | | | | | 50% | NOTE: Blast ON sweep #3, File #015. |
| 22 | 016 14 | 17-112 | 14 | | | | | | 50% | |
| 23 | 017 15 | 18-113 | 15 | | | | | | 50% | |
| 24 | 018 16 | 19-114 | 16 | | | | | | 50% | |
| 25 | 019 17 | 20-115 | 17 | | | | | | 50% | |

| | | | | | |
|---|---------------------------------------|--|--------------------------------------|-------------------------------|---------------------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. MDS-10 |
| SWEEP FREQUENCY 832Hz / 32sec | SWEEP PATTERN See Remarks | SWEEPS PER PATTERN 8 | SWEEP PATTERNS PER SETUP 1 | PATCH PATTERN | |
| GEOPHONES PER PATCH 24 | NO. OF RECORDING PATCHES 96 | TYPE VIBRATOR 5-Y1100's | TYPE GEOPHONE ETLEV22B | FREQUENCY 7.5HZ | STATION INTERVAL 330' |
| REMARKS 8ms Sample Rate / 48sec Record Length | | OBSERVER R. Patton, M. Ailey | | PARTY MGR. L. Davis | |

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

2

| | | | | |
|-------------------------|-----------------------------|-------------------------|---------------------------|------------------------|
| CLIENT <i>COCORP</i> | AREA <i>NEVADA</i> | STATE <i>NEVADA</i> | COUNTY <i>Pershing</i> | DATE <i>5-19-83</i> |
| CREW NO. <i>6834</i> | TERRAIN <i>Dirt Road</i> | WEATHER <i>clear</i> | LINE NO. # <i>3</i> | |

| REC. NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL. NO. | F I L T E R | | | RE MARKS |
|----------|-------------|-----------------|---------|--------|------------|--------------|-------------|------|------|---------------------------------|
| | | | | | | | LOCUT | 60 ~ | AMP | |
| 1 | 020 | 18 | 21-116 | 18 | 4 | 535 | OUT | IN | 50% | |
| 2 | 021 | 19 | 22-117 | 19 | 1 | | | | 50% | |
| 3 | 022 | 20 | 23-118 | 20 | | | | | 50% | |
| 4 | 023 | 21 | 24-119 | 21 | 1 | | | | 50% | |
| 5 | 024 | 22 | 25-120 | 22 | | | | | 50% | |
| 6 | 025 | 23 | 26-121 | 23 | | 535 | | | 50% | E.O.T #535, TAPE MKTS. |
| 7 | 026 | 24 | 27-122 | 24 | windstrip | 536 | | | 72db | B.O.T #536, 900 10sec ALL ONES. |
| 8 | 027 | 24 | 27-122 | 24 | | | | | 50% | |
| 9 | 028 | 25 | 28-123 | 25 | | | | | 50% | |
| 10 | 029 | 26 | 29-124 | 26 | | | | | 50% | |
| 11 | 030 | 27 | 30-125 | 27 | | | | | 50% | |
| 12 | 031 | 28 | 31-126 | 28 | | | | | 50% | |
| 13 | 032 | 29 | 32-127 | 29 | | | | | 50% | |
| 14 | 033 | 30 | 33-128 | 30 | | | | | 50% | |
| 15 | 034 | 31 | 34-129 | 31 | | | | | 50% | |
| 16 | 035 | 32 | 35-130 | 32 | | | | | 50% | |
| 17 | 036 | 33 | 36-131 | 33 | | | | | 50% | |
| 18 | 037 | 34 | 37-132 | 34 | | | | | 50% | |
| 19 | 038 | 35 | 38-133 | 35 | | | | | 50% | |
| 20 | 039 | 36 | 39-134 | 36 | | 536 | | | 50% | E.O.T #536, TAPE MKTS. |
| 21 | 040 | 37 | 40-135 | 37 | wind strip | 537 | | | 72db | B.O.T #537, 900 10sec ALL ONES. |
| 22 | 041 | 37 | 40-135 | 37 | | | | | 50% | |
| 23 | 042 | 38 | 41-136 | 38 | | | | | 50% | |
| 24 | 043 | 39 | 42-137 | 39 | | | | | 50% | |
| 25 | 044 | 40 | 43-138 | 40 | | | | | 50% | |

| | | | | | |
|---------------------|--------------------------|--------------------|--------------------------|---------------|------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY | SWEEP PATTERN | SWEEPS PER PATTERN | SWEEP PATTERNS PER SETUP | PATCH PATTERN | |
| GEOPHONES PER PATCH | NO. OF RECORDING PATCHES | TYPE VIBRATOR | TYPE GEOPHONE | FREQUENCY | STATION INTERVAL |
| REMARKS | OBSERVER | | PARTY MGR. | | |

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services Division
Geosource Inc.

3

| | | | | |
|-------------------------|-----------------------------|-------------------------|---------------------------|------------------------|
| CLIENT COCORP | AREA NEVADA | STATE NEVADA | COUNTY Pershing | DATE 5-20-88 |
| CREW NO. 6834 | TERRAIN Dirt Road | WEATHER clear | LINE NO. 3 | |

| REC. NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL. NO. | FILTER | | | REMARKS |
|----------|-------------|-----------------|------------|--------|-----------|--------------|--------|------|-----|---|
| | | | | | | | LOCUT | 60 ~ | AMP | |
| 1 | 933 | Pulse | 1 - 6 sec | | | 537 | OUT | IN | | Recorder SET UP AT 115-116 |
| 2 | 934/935 | EINT | 2 - " " | | | | | | | |
| 3 | 936/939 | DRD | 4 - " " | | | | | | | 5 Vibs, 100' SPACING, 41.25 MOVE UP, 1st VIB NASE |
| 4 | 953/954 | Sum Test | 2 - " " | | | | | | | 70' PAST FLAG, 2ND VIB NASE 30' BEFORE FLAG. |
| 5 | 960/961 | NRS TEST | 2 - " " | | | | | | | NOTE: CATTLE ALONG LINE. |
| 6 | 932 | Similarity | 1 - 32 sec | 9 | | | | | | 50% |
| 7 | 045 | wind strip | 1 - 48 sec | 1 | | | | | | 720db |
| 8 | 046 | 41 | 44 - 139 | 1 | | | | | | 50% |
| 9 | 047 | 42 | 45 - 140 | 2 | | | | | | 50% |
| 10 | 048 | 43 | 46 - 141 | 3 | | | | | | 50% |
| 11 | 049 | 44 | 47 - 142 | 4 | | | | | | 50% |
| 12 | 050 | 45 | 48 - 143 | 5 | | | | | | 50% |
| 13 | 051 | 46 | 49 - 144 | 6 | | 537 | | | | 50% E.O.T #537, TAPE MKTS |
| 14 | 052 | 47 | 50 - 145 | 7 | windstrip | 538 | | | | 720db B.O.T #538, 900 JOSEF ALLONES. |
| 15 | 053 | 47 | 50 - 145 | 7 | | | | | | 50% |
| 16 | 054 | 48 | 51 - 146 | 8 | | | | | | 50% |
| 17 | 055 | 49 | 52 - 147 | 9 | | | | | | 50% |
| 18 | 056 | 50 | 53 - 148 | 10 | | | | | | 50% |
| 19 | 057 | 51 | 54 - 149 | 11 | | | | | | 50% |
| 20 | 058 | 52 | 55 - 150 | 12 | | | | | | 50% |
| 21 | 059 | 53 | 56 - 151 | 13 | | | | | | 50% |
| 22 | 060 | 54 | 57 - 152 | 14 | | | | | | 50% |
| 23 | 061 | 55 | 58 - 153 | 15 | | | | | | 50% |
| 24 | 062 | 56 | 59 - 154 | 16 | | | | | | 50% |
| 25 | 063 | 57 | 60 - 155 | 17 | | | | | | 50% |

| | | | | | |
|--|--------------------------------|-----------------------------|-------------------------------|-------------------------|--------------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY 8 → 32 Hz / 32 sec | SWEEP PATTERN See Remarks | SWEEPS PER PATTERN 8 | SWEEP PATTERNS PER SETUP 1 | PATCH PATTERN X | |
| GEOPHONES PER PATCH 24 | NO. OF RECORDING PATCHES 96 | TYPE VIBRATOR 5-Y 1100's | TYPE GEOPHONE ETL EV 22B | FREQUENCY 7.5 Hz | STATION INTERVAL 330' |
| REMARKS 8 ms Sample Rate / 48 sec Record Length | OBSERVER R. Patton | PARTY MGR. M. Pichey | L. Davis | | |

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

4

| | | | | |
|-------------------------|---|-------------------------|---------------------------|------------------------|
| CLIENT COCORP | AREA NEVADA | STATE NEVADA | COUNTY Pershing | DATE 5-20-83 |
| CREW NO. 6834 | TERRAIN Dirt Road (Mountains) | WEATHER Clear | LINE NO. 3 | |

| REC.NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | Missed Sweeps | TAPE RL.NO. | FILTER | | | REMARKS |
|---------|-------------|-----------------|---------|--------|---------------|-------------|--------|------|------|---------------------------------|
| | | | | | | | LOCUT | 80 ~ | AMP | |
| 1 | 064 | 58 | 61-156 | 18 | 5 | 538 | OUT | IN | 50% | |
| 2 | 065 | 59 | 62-157 | 19 | | 538 | | | 50% | E.O.T #538, TAPE MKTS |
| 3 | 066 | 60 | 63-158 | 20 | windstrip | 539 | | | 220% | B.O.T #539, 900 10sec ALL ONES |
| 4 | 067 | 60 | 63-158 | 20 | | | | | 50% | |
| 5 | 068 | 61 | 64-159 | 21 | | | | | 50% | |
| 6 | 069 | 62 | 65-160 | 22 | | | | | 50% | |
| 7 | 070 | 63 | 66-161 | 23 | 1 | | | | 50% | |
| 8 | 071 | 64 | 67-162 | 24 | | | | | 50% | |
| 9 | 072 | 65 | 68-163 | 25 | | | | | 50% | |
| 10 | 073 | 66 | 69-164 | 26 | | | | | 50% | |
| 11 | 074 | 67 | 70-165 | 27 | | | | | 50% | |
| 12 | 075 | 68 | 71-166 | 28 | | | | | 50% | |
| 13 | 076 | 69 | 72-167 | 29 | | | | | 50% | |
| 14 | 077 | 70 | 73-168 | 30 | | | | | 50% | |
| 15 | 078 | 71 | 74-169 | 31 | | | | | 50% | |
| 16 | 079 | 72 | 75-170 | 32 | | 539 | | | 50% | E.O.T #539, TAPE MKTS |
| 17 | 080 | 73 | 76-171 | 33 | windstrip | 540 | | | 720% | B.O.T #540, 900 10sec ALL ONES. |
| 18 | 081 | 73 | 76-171 | 33 | | | | | 50% | |
| 19 | 082 | 74 | 77-172 | 34 | | | | | 50% | |
| 20 | 083 | 75 | 78-173 | 35 | | | | | 50% | |
| 21 | 084 | 76 | 79-174 | 36 | | | | | 50% | |
| 22 | 085 | 77 | 80-175 | 37 | 1 | | | | 50% | |
| 23 | 086 | 78 | 81-176 | 38 | | | | | 50% | |
| 24 | 087 | 79 | 82-177 | 39 | | | | | 50% | |
| 25 | 088 | 80 | 83-178 | 40 | | | | | 50% | |

| | | | | | |
|---------------------|--------------------------|--------------------|--------------------------|---------------|------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY | SWEEP PATTERN | SWEEPS PER PATTERN | SWEEP PATTERNS PER SETUP | PATCH PATTERN | |
| GEOPHONES PER PATCH | NO. OF RECORDING PATCHES | TYPE VIBRATOR | TYPE GEOPHONE | FREQUENCY | STATION INTERVAL |
| REMARKS | | | OBSERVER | | PARTY MGR. |

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services 5
Division
Geosource Inc.

| | | | | |
|-------------------------|-----------------------------|-------------------------|---------------------------|------------------------|
| CLIENT <i>COCORP</i> | AREA <i>NEVADA</i> | STATE <i>NEVADA</i> | COUNTY <i>Pershing</i> | DATE <i>5-20-83</i> |
| CREW NO. <i>6834</i> | TERRAIN <i>Dirt Road</i> | WEATHER <i>clear</i> | LINE NO. <i>#3</i> | |

| REC.NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL.NO. | FILTER | | | REMARKS |
|---------|-------------|-----------------|---------|--------|----------------|-------------|--------|-----|------|--------------------------------|
| | | | | | | | LOCUT | 60~ | AMP | |
| 1 | 81 | 84-179 | 41 | 5 | 125 | 540 | OUT | IN | 50% | |
| 2 | 82 | 85-180 | 42 | | | | | | 50% | |
| 3 | 83 | 86-181 | 43 | | | | | | 50% | |
| 4 | 84 | 87-182 | 44 | | | | | | 50% | |
| 5 | 85 | 88-183 | 45 | | | 540 | | | 50% | E.O.+#540, TAPE MKTS |
| 6 | 86 | 89-184 | 46 | | winstrip | 541 | | | 72db | B.O.+#541, 900 10sec ALL OVER. |
| 7 | 86 | 89-184 | 46 | | | | | | 50% | |
| 8 | 87 | 90-185 | 47 | | | | | | 50% | |
| 9 | 88 | 91-186 | 48 | | | | | | 50% | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | | | | | | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |

| | | | | | |
|---------------------|--------------------------|--------------------|--------------------------|---------------|------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY | SWEEP PATTERN | SWEEPS PER PATTERN | SWEEP PATTERNS PER SETUP | PATCH PATTERN | |
| GEOPHONES PER PATCH | NO. OF RECORDING PATCHES | TYPE VIBRATOR | TYPE GEOPHONE | FREQUENCY | STATION INTERVAL |
| REMARKS | | | OBSERVER | | PARTY MGR. |

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

6

| | | | | |
|-------------------------|-----------------------------|-------------------------|---------------------------|------------------------|
| CLIENT COCORP | AREA Nevada | STATE Nevada | COUNTY Pershing | DATE 5-23-83 |
| CREW NO. 6834 | TERRAIN Dirt Road | WEATHER clear | LINE NO. # 3 | |

| REC. NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL. NO. | F I L T E R | | | REMARKS |
|----------|----------------|-----------------|---------|--------|--------------|--------------|-------------|------|-----|--|
| | | | | | | | LOCUT | 60 ~ | AMP | |
| 1 | 933 PULSE | 1-6sec | | | missed Sweep | 541 | OUT | IN | | Recorder set up at 161-162 |
| 2 | 934 FINT | 2- " " | | | | | | | | |
| 3 | 935 D.R.D | 4- " " | | | | | | | | 4 Vibrs, 1st Vibrs nose 20' Past Flag, 2nd Vibrs |
| 4 | 936 SUM test | 2- " " | | | | | | | | Nose 80' Before Flag, 100' spacing, 41.25 move up. |
| 5 | 937 N.R.S | 2- " " | | | | | | | | |
| 6 | 932 SIMILARITY | 1-32sec | 18 | 4 | | | | | | 50% Vib #17311 Down, BACK MOTOR Problems. |
| 7 | 098 Windstrip | 1-48sec | 3 | | | | | | | 720% NOTE: CATTLE Along line, Had to Replant 1/5 |
| 8 | 099 89 | 92-187 | 3 | 4 | 1 | | | | | 50% STA, Due to cows. |
| 9 | 100 90 | 93-188 | 4 | | | | | | | 50% |
| 10 | 101 91 | 94-189 | 5 | | | | | | | 50% |
| 11 | 102 92 | 95-190 | 6 | | | | | | | 50% |
| 12 | 103 93 | 96-191 | 7 | | | | | | | 50% |
| 13 | 104 94 | 97-192 | 8 | | 1 | 541 | | | | 50% E.O. #541, TAPE MKTS. |
| 14 | 105 95 | 98-193 | 9 | | 1 | 542 | | | | 720% B.O. #542, 900 10sec ALL ONES. |
| 15 | 106 95 | 98-193 | 9 | | | | | | | 50% |
| 16 | 107 96 | 99-194 | 10 | | | | | | | 50% |
| 17 | 108 97 | 100-195 | 11 | | 1 | | | | | 50% |
| 18 | 109 98 | 101-196 | 12 | | | | | | | 50% |
| 19 | 110 99 | 102-197 | 13 | | 1 | | | | | 50% |
| 20 | 111 100 | 103-198 | 14 | | | | | | | 50% |
| 21 | 112 101 | 104-199 | 15 | | | | | | | 50% |
| 22 | 113 102 | 105-200 | 16 | | 1 | | | | | 50% |
| 23 | 114 103 | 106-201 | 17 | | | | | | | 50% |
| 24 | 115 104 | 107-202 | 18 | | | | | | | 50% |
| 25 | 116 105 | 108-203 | 19 | | | | | | | 50% |

| | | | | | |
|--|----------------------------------|----------------------------|-------------------------------|-------------------------|--------------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY 8 → 32Hz/32sec | SWEEP PATTERN see Remarks | SWEEPS PER PATTERN 8 | SWEEP PATTERNS PER SETUP 1 | PATCH PATTERN x | |
| GEOPHONES PER PATCH 24 | NO. OF RECORDING PATCHES 96 | TYPE VIBRATOR 5-V1100's | TYPE GEOPHONE ELEV22R | FREQUENCY 7.5Hz | STATION INTERVAL 330' |
| REMARKS 8ms SAMPLE RATE/48sec Record Length | OBSERVER K. PATTON, M. Richey | PARTY MGR. L. DAVIS | LINE DIR. 1 TO 24 W → E | | |

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc. 7

| | | | | |
|-------------------------|-----------------------------|-------------------------|---------------------------|------------------------|
| CLIENT COCORP | AREA Nevada | STATE Nevada | COUNTY Pershing | DATE 5-23-83 |
| CREW NO. 6834 | TERRAIN Dirt Road | WEATHER clear | LINE NO. #3 | |

| REC.NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL.NO. | FILTER | | | REMARKS |
|---------|-------------|-----------------|---------|-----------|----------------|-------------|--------|-----|------|----------------------------------|
| | | | | | | | LOCUT | 60~ | AMP | |
| 1 | 117 | 109-204 | 20 | 4 | 542 | 542 | OUT | IN | 50% | |
| 2 | 118 | 110-205 | 21 | | | 542 | | | 50% | E.O. + #542, TAPE MKTS |
| 3 | 119 | 111-206 | 22 | windstrip | | 543 | | | 72db | B.O. + #543, 900 10sec ALL ONES. |
| 4 | 120 | 111-206 | 22 | | | | | | 50% | |
| 5 | 121 | 112-207 | 23 | | | | | | 50% | |
| 6 | 122 | 113-208 | 24 | | | | | | 50% | |
| 7 | 123 | 114-209 | 25 | | | | | | 50% | |
| 8 | 124 | 115-210 | 26 | | | | | | 50% | |
| 9 | 125 | 116-211 | 27 | | | | | | 50% | |
| 10 | 126 | 117-212 | 28 | | | | | | 50% | |
| 11 | 127 | 118-213 | 29 | | | | | | 50% | |
| 12 | 128 | 119-214 | 30 | | | | | | 50% | |
| 13 | 129 | 120-215 | 31 | | | | | | 50% | |
| 14 | 130 | 121-216 | 32 | | | | | | 50% | |
| 15 | 131 | 122-217 | 33 | | | | | | 50% | |
| 16 | 132 | 123-218 | 34 | | | 543 | | | 50% | E.O. + #543, TAPE MKTS |
| 17 | 133 | 124-219 | 35 | windstrip | | 544 | | | 72db | B.O. + #544, 900 10sec ALL ONES. |
| 18 | 134 | 124-219 | 35 | | | | | | 50% | |
| 19 | 135 | 125-220 | 36 | | | | | | 50% | |
| 20 | 136 | 126-221 | 37 | | | | | | 50% | |
| 21 | 137 | 127-222 | 38 | | | | | | 50% | |
| 22 | 138 | 128-223 | 39 | | | | | | 50% | |
| 23 | 139 | 129-224 | 40 | | | | | | 50% | |
| 24 | 140 | 130-225 | 41 | | | | | | 50% | |
| 25 | 141 | 131-226 | 42 | | | | | | 50% | |

| | | | | | |
|---------------------|--------------------------|--------------------|--------------------------|---------------|------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY | SWEEP PATTERN | SWEEPS PER PATTERN | SWEEP PATTERNS PER SETUP | PATCH PATTERN | |
| GEOPHONES PER PATCH | NO. OF RECORDING PATCHES | TYPE VIBRATOR | TYPE GEOPHONE | FREQUENCY | STATION INTERVAL |
| REMARKS | OBSERVER | | PARTY MGR. | | |

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

8

| | | | | |
|-------------------------|-----------------------------|-------------------------|---------------------------|------------------------|
| CLIENT COCORP | AREA NEVADA | STATE NEVADA | COUNTY Pershing | DATE 5-23-83 |
| CREW NO. 6834 | TERRAIN Dirt Road | WEATHER clear | LINE NO. #3 | |

| REC.NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL.NO. | FILTER | | | REMARKS |
|---------|-------------|-----------------|---------|--------|----------|-------------|--------|-----|-----|----------------------|
| | | | | | | | LOCUT | 60~ | AMP | |
| 1 | 129 | 132-227 | 43 | 4 | 544 | 544 | OUT | IN | 50% | |
| 2 | 130 | 133-228 | 44 | | | | | | 50% | |
| 3 | 131 | 134-229 | 45 | | | | | | 50% | |
| 4 | 132 | 135-230 | 46 | | | | | | 50% | |
| 5 | 133 | 136-231 | 47 | | | 544 | | | 50% | E.D.#544, TAPE MKTS. |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | | | | | | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |

| | | | | | |
|---------------------|--------------------------|--------------------|--------------------------|---------------|------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY | SWEEP PATTERN | SWEEPS PER PATTERN | SWEEP PATTERNS PER SETUP | PATCH PATTERN | |
| GEOPHONES PER PATCH | NO. OF RECORDING PATCHES | TYPE VIBRATOR | TYPE GEOPHONE | FREQUENCY | STATION INTERVAL |
| REMARKS | OBSERVER | | PARTY MGR. | | |

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

9

| | | | | |
|-------------------------|-----------------------------|-------------------------|---------------------------|------------------------|
| CLIENT COCORP | AREA NEVADA | STATE NEVADA | COUNTY Pershing | DATE 5-24-83 |
| CREW NO. 6834 | TERRAIN Dirt Road | WEATHER clear | LINE NO. #3 | |

| REC. NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL. NO. | FILTER | | | REMARKS |
|----------|----------------|-----------------|---------|--------|--------------------|--------------|--------|-----|------|--|
| | | | | | | | LOCUT | 60~ | AMP | |
| 1 | 933 PULSE | 1-6sec | | | MISSING | 545 | CULT | IN | | Recorder set up at 208-209 |
| 2 | 934 EINT | 2- " " | | | | | | | | B.O.T #545, 900 10sec ALL ONES. |
| 3 | 935 D.R.D | 4- " " | | | | | | | | |
| 4 | 936 SUMTEST | 2- " " | | | | | | | | 5 Vibs, 1st Vibs NOSE 70' PAST FLAG, 2ND Vibs |
| 5 | 937 N.R.J | 2- " " | | | | | | | | Nose 30' Before FLAG, 100' spacing, 41.25 MOVE UP. |
| 6 | 932 SIMILARITY | 1-32sec | 19 | 5 | | | | | 50% | |
| 7 | 147 WINDSTRIP | 1-48sec | 1 | | | | | | 72Db | |
| 8 | 148 134 | 137-232 | 1 | 5 | | | | | 50% | |
| 9 | 149 135 | 138-233 | 2 | | | | | | 50% | |
| 10 | 150 136 | 139-234 | 3 | | | | | | 50% | |
| 11 | 151 137 | 140-235 | 4 | | | | | | 50% | |
| 12 | 152 138 | 141-236 | 5 | | | | | | 50% | |
| 13 | 153 139 | 142-237 | 6 | | 1 | | | | 50% | |
| 14 | 154 140 | 143-238 | 7 | | | | | | 50% | |
| 15 | 155 141 | 144-239 | 8 | | 1 | | | | 50% | |
| 16 | 156 142 | 145-240 | 9 | | | | | | 50% | |
| 17 | 157 143 | 146-241 | 10 | | | | | | 50% | |
| 18 | 158 144 | 147-242 | 11 | | | 545 | | | 50% | E.O.T #545, TAPE MKTS |
| 19 | 159 145 | 148-243 | 12 | | WINDSTRIP | 546 | | | 72Db | B.O.T #546, 900 10sec ALL ONES. |
| 20 | 160 145 | 148-243 | 12 | | | | | | 50% | |
| 21 | 161 146 | 149-244 | 13 | | | | | | 30% | Vibs WENT TO LOW DRIVE, DUE TO ROAD TERRAIN. |
| 22 | 162 147 | 150-245 | 14 | | | | | | 30% | |
| 23 | 163 148 | 151-246 | 15 | | | | | | 30% | |
| 24 | 164 149 | 152-247 | 16 | | | | | | 50% | Vibs ARE BACK IN HI DRIVE. |
| 25 | 165 150 | 153-248 | 17 | | | | | | 50% | |

| | | | | | |
|--|--------------|--------------------------------|------------------|----------------------------|------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY 8 32Hz / 32sec | | SWEEP PATTERN see Remarks | | SWEEPS PER PATTERN 8 | |
| GEOPHONES PER PATCH 24 | | NO. OF RECORDING PATCHES 96 | | TYPE VIBRATOR 5-Y1100's | |
| REMARKS 8ms SAMPLE RATE / 48sec Record Length | | TYPE GEOPHONE E-LEV 22B | | FREQUENCY 7.5HZ | |
| OBSERVER N. PATTON, M. RICHEY | | PATCH PATTERN X | | STATION INTERVAL 330' | |
| PARTY MGR. L. DAVIS | | LINE DIR. 1 TO 24 W → E | | | |

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

10

| | | | | |
|-------------------------|-----------------------------|-------------------------|---------------------------|------------------------|
| CLIENT COCORP | AREA Nevada | STATE Nevada | COUNTY Pershing | DATE 5-24-83 |
| CREW NO. 6834 | TERRAIN Dirt Road | WEATHER clear | LINE NO. #3 | |

| REC. NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL. NO. | FILTER | | | REMARKS |
|----------|-------------|-----------------|---------|------------|---------------|--------------|--------|------|------|---------------------------------|
| | | | | | | | LOCUT | 60 ~ | AMP | |
| 1 | 151 | 154-249 | 18 | 5 | missed 30 sec | 546 | OUT | IN | 50% | |
| 2 | 152 | 155-250 | 19 | | | | | | 50% | |
| 3 | 153 | 156-251 | 20 | | | | | | 50% | |
| 4 | 154 | 157-252 | 21 | | | | | | 50% | |
| 5 | 155 | 158-253 | 22 | | | | | | 50% | |
| 6 | 156 | 159-254 | 23 | | | 546 | | | 50% | E.O.T*546, TAPE MKTS |
| 7 | 157 | 160-255 | 24 | wind strip | | 547 | | | 72db | B.O.T*547, 900 LOSSES ALL ONES. |
| 8 | 157 | 160-255 | 24 | | | | | | 50% | |
| 9 | 158 | 161-256 | 25 | | | | | | 50% | |
| 10 | 159 | 162-257 | 26 | | | | | | 50% | |
| 11 | 160 | 163-258 | 27 | | | | | | 50% | |
| 12 | 161 | 164-259 | 28 | | | | | | 50% | |
| 13 | 162 | 165-260 | 29 | | | | | | 50% | |
| 14 | 163 | 166-261 | 30 | | | | | | 50% | |
| 15 | 164 | 167-262 | 31 | | | | | | 50% | |
| 16 | 165 | 168-263 | 32 | | | | | | 50% | |
| 17 | 166 | 169-264 | 33 | | | | | | 50% | |
| 18 | 167 | 170-265 | 34 | | | | | | 50% | |
| 19 | 168 | 171-266 | 35 | | | | | | 50% | |
| 20 | 169 | 172-267 | 36 | | | 547 | | | 50% | E.O.T*547, TAPE MKTS |
| 21 | 170 | 173-268 | 37 | wind strip | | 548 | | | 72db | B.O.T*548, 900 LOSSES ALL ONES. |
| 22 | 170 | 173-268 | 37 | | | | | | 50% | |
| 23 | 171 | 174-269 | 38 | | | | | | 50% | |
| 24 | 172 | 175-270 | 39 | | | | | | 50% | |
| 25 | 173 | 176-271 | 40 | | | | | | 50% | |

| | | | | | |
|---------------------|--------------------------|--------------------|--------------------------|---------------|------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY | SWEEP PATTERN | SWEEPS PER PATTERN | SWEEP PATTERNS PER SETUP | PATCH PATTERN | |
| GEOPHONES PER PATCH | NO. OF RECORDING PATCHES | TYPE VIBRATOR | TYPE GEOPHONE | FREQUENCY | STATION INTERVAL |
| REMARKS | OBSERVER | | PARTY MGR. | | |

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

| | | | | |
|-------------------------|-----------------------------|--------------------------------|---------------------------|------------------------|
| CLIENT <i>COCORP</i> | AREA <i>NEVADA</i> | STATE <i>NEVADA</i> | COUNTY <i>Pershing</i> | DATE <i>5-24-83</i> |
| CREW NO. <i>6834</i> | TERRAIN <i>Dirt Road</i> | WEATHER <i>clear, Dusty</i> | | LINE NO. <i>#3</i> |

| REC.NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL.NO. | F I L T E R | | | RE MARKS |
|---------|-------------|-----------------|---------|--------|---------------|-------------|-------------|------|-----|----------|
| | | | | | | | LOCUT | 60 ~ | AMP | |
| 1 | 174 | 177-272 | 41 | 5 | 30 | 548 | OUT | IN | 50% | |
| 2 | 175 | 178-273 | 42 | | | | | | 50% | |
| 3 | 176 | 179-274 | 43 | | 1 | | | | 50% | |
| 4 | 177 | 180-275 | 44 | | 1 | | | | 50% | |
| 5 | 178 | 181-276 | 45 | | | | | | 50% | |
| 6 | 179 | 182-277 | 46 | | | | | | 50% | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | | | | | | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |

| | | | | | |
|---------------------|--------------------------|--------------------|--------------------------|---------------|------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY | SWEEP PATTERN | SWEEPS PER PATTERN | SWEEP PATTERNS PER SETUP | PATCH PATTERN | |
| GEOPHONES PER PATCH | NO. OF RECORDING PATCHES | TYPE VIBRATOR | TYPE GEOPHONE | FREQUENCY | STATION INTERVAL |
| REMARKS | | | OBSERVER | | PARTY MGR. |

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

12

| | | | | |
|-------------------------|-----------------------------|-------------------------|---------------------------|------------------------|
| CLIENT COCORP | AREA NEVADA | STATE NEVADA | COUNTY Pershing | DATE 5-25-83 |
| CREW NO. 6834 | TERRAIN Dirt Road | WEATHER clear | LINE NO. #3 | |

| REC. NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL. NO. | FILTER | | | REMARKS |
|----------|----------------|-----------------|---------|--------|------------|--------------|--------|------|------|--|
| | | | | | | | LOCUT | 60 ~ | AMP | |
| 1 | 933 PULSE | 1-6sec | | | | 548 | DLT | IN | | Recorder set up at 254-255 |
| 2 | 934 EINT | 2-'''' | | | | | | | | |
| 3 | 935 D.RID | 4-'''' | | | | | | | | |
| 4 | 936 sumtest | 2-'''' | | | | | | | | 5 Vibs, 1st Vibs nose 70' Past Flag, 2nd Vibs nose 30' Before Flag, 100' spacing, 41.25 move up. |
| 5 | 960 N.R.S | 2-'''' | | | | | | | | |
| 6 | 932 Similarity | 1-32sec | 19 | 5 | | 548 | | | 50% | E.O.T # 548, TAPE MKTS |
| 7 | 197 WINDstrip | 1-48sec | 1 | | | 549 | | | 72db | B.O.T # 549, 900 10sec ALL ONES. |
| 8 | 198 180 | 183-278 | 1 | 5 | | | | | 50% | |
| 9 | 199 181 | 184-279 | 2 | | | | | | 50% | |
| 10 | 200 182 | 185-280 | 3 | | | | | | 50% | |
| 11 | 201 183 | 186-281 | 4 | | 1 | | | | 50% | |
| 12 | 202 184 | 187-282 | 5 | | | | | | 50% | |
| 13 | 203 185 | 188-283 | 6 | | | | | | 50% | |
| 14 | 204 186 | 189-284 | 7 | | | | | | 50% | |
| 15 | 205 187 | 190-285 | 8 | | | | | | 50% | |
| 16 | 206 188 | 191-286 | 9 | | 1 | | | | 50% | |
| 17 | 207 189 | 192-287 | 10 | | | | | | 50% | |
| 18 | 208 190 | 193-288 | 11 | | | | | | 50% | |
| 19 | 209 191 | 194-289 | 12 | | | | | | 50% | |
| 20 | 210 192 | 195-290 | 13 | | | 549 | | | 50% | EOT # 549 TAPE MKTS. |
| 21 | 211 193 | 196-291 | 14 | | Wind strip | 550 | | | 72db | Bot # 550 *900 10 sec. All ones. |
| 22 | 212 193 | 196-291 | 14 | | | | | | 50% | |
| 23 | 213 194 | 197-292 | 15 | | | | | | 50% | |
| 24 | 214 195 | 198-293 | 16 | | | | | | 50% | |
| 25 | 215 196 | 199-294 | 17 | | | | | | 50% | |

| | | | | | |
|--|-----------------------------------|----------------------------|-------------------------------|-------------------------|--------------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY 8 → 32Hz/32sec | SWEEP PATTERN See Remarks | SWEEPS PER PATTERN 8 | SWEEP PATTERNS PER SETUP 1 | PATCH PATTERN x | |
| GEOPHONES PER PATCH 24 | NO. OF RECORDING PATCHES 96 | TYPE VIBRATOR 5-Y1100's | TYPE GEOPHONE ETLEV22B | FREQUENCY 7.5HZ | STATION INTERVAL 330' |
| REMARKS 8ms sample rate/48sec Record Length | OBSERVER B. PATTON, M. Richter | PARTY MOR. L. DAVIS | LINE DIR. 1 TO 24 W-E | | |

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

13

| CLIENT | | AREA | | STATE | | COUNTY | | DATE | | | |
|---------------------|-------------|--------------------------|---------|--------------------|---------------|--------------------------|-------------|---------------|-----|------------------|----------------------------------|
| COCORP | | NEVADA | | NEVADA | | Pershing | | 5-25-83 | | | |
| CREW NO. | | TERRAIN | | WEATHER | | LINE NO. | | | | | |
| 6834 | | Dirt Road Rolling Hills | | Clear | | 3 | | | | | |
| REC. NO. | SWEEP POINT | PATCH LOCATIONS | GDP SW. | NO VIB | Missed Sweeps | TAPE RL. NO. | F I L T E R | | | REMARKS | |
| | | | | | | | LOCUT | 60 ~ | AMP | | |
| 1 | 216 | 197 | 200-295 | 18 | 5 | | 550 | OUT | IN | 50% | |
| 2 | 217 | 198 | 201-296 | 19 | | 1 | | | | 50% | |
| 3 | 218 | 199 | 202-297 | 20 | | | | | | 50% | |
| 4 | 219 | 200 | 203-298 | 21 | | | | | | 50% | |
| 5 | 220 | 201 | 204-299 | 22 | | | | | | 50% | |
| 6 | 221 | 202 | 205-300 | 23 | | | | | | 50% | |
| 7 | 222 | 203 | 206-301 | 24 | | | | | | 50% | |
| 8 | 223 | 204 | 207-302 | 25 | | | | | | 50% | |
| 9 | 224 | 205 | 208-303 | 26 | | | 550 | | | 50% | EOT * 550 Tape MKTs |
| 10 | 225 | 206 | 209-304 | 27 | wind strip | 551 | | | | 720% | BOT * 551 * 900 10 sec All ones. |
| 11 | 226 | 206 | 209-304 | 27 | | | | | | 50% | |
| 12 | 227 | 207 | 210-305 | 28 | | | | | | 50% | |
| 13 | SKIP | 208 | 211-306 | 29 | | | | | | SKIP | Due to WATER WELL. |
| 14 | 228 | 209 | 212-307 | 30 | | | | | | 30% | SKACKED LAST HALF. |
| 15 | 229 | 210 | 213-308 | 31 | | | | | | 30% | |
| 16 | 230 | 211 | 214-309 | 32 | | | | | | 50% | |
| 17 | 231 | 212 | 215-310 | 33 | | | | | | 50% | |
| 18 | 232 | 213 | 216-311 | 34 | | | | | | 50% | |
| 19 | 233 | 214 | 217-312 | 35 | | | | | | 50% | |
| 20 | 234 | 215 | 218-313 | 36 | | | | | | 50% | |
| 21 | 235 | 216 | 219-314 | 37 | | | | | | 50% | |
| 22 | 236 | 217 | 220-315 | 38 | | | | | | 50% | |
| 23 | 237 | 218 | 221-316 | 39 | | | | | | 50% | |
| 24 | 238 | 219 | 222-317 | 40 | | | 551 | | | 50% | E.O. + * 551, TAPE MKTS. |
| 25 | | | | | | | | | | | |
| TOTAL SETUPS | | TOTAL SWEEPS | | TOTAL COVERAGE | | TOTAL FIELD TIME | | DRIVING TIME | | SYSTEM NO. | |
| SWEEP FREQUENCY | | SWEEP PATTERN | | SWEEPS PER PATTERN | | SWEEP PATTERNS PER SETUP | | PATCH PATTERN | | | |
| GEOPHONES PER PATCH | | NO. OF RECORDING PATCHES | | TYPE VIBRATOR | | TYPE GEOPHONE | | FREQUENCY | | STATION INTERVAL | |
| REMARKS | | OBSERVER | | PARTY MGR. | | | | | | | |

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

15

| | | | | |
|-------------------------|---|-------------------------|-------------------------|-------------------------|
| CLIENT <i>COCORP</i> | AREA <i>NEVADA</i> | STATE <i>NEVADA</i> | COUNTY <i>NEVADA</i> | DATE <i>Pershing</i> |
| CREW NO. <i>6834</i> | TERRAIN <i>Dirt Road + Rolling Hills</i> | WEATHER <i>Clear</i> | LINE NO. <i>#3</i> | |

| REC. NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL. NO. | FILTER | | | REMARKS |
|----------|-------------|-----------------|---------|------------------|---------------------|--------------|--------|------|------|---|
| | | | | | | | LOCUT | 60 ~ | AMP | |
| 1 | 237 | 240-335 | 21 | 4 | <i>missed sweep</i> | 553 | DLT | IN | 50% | <i>NOTE: STA #335, 336, 337, 338, 339, OPEN, Due to cattle and Rocky terrain.</i> |
| 2 | 238 | 241-336 | 22 | | | | | | 50% | |
| 3 | 239 | 242-337 | 23 | | | | | | 50% | |
| 4 | 240 | 243-338 | 24 | | | | | | 50% | <i>NOTE: CATTLE AROUND STA #340, Very NOISY</i> |
| 5 | 241 | 244-339 | 25 | | | | | | 50% | |
| 6 | 242 | 245-340 | 26 | | | | | | 50% | |
| 7 | 243 | 246-341 | 27 | | | 553 | | | 50% | <i>E.O.T #553, TAPE MKTS</i> |
| 8 | 244 | 247-342 | 28 | <i>windstrip</i> | | 554 | | | 72db | |
| 9 | 244 | 247-342 | 28 | | | | | | 50% | <i>B.O.T #554, 900 usec ALL ONES.</i> |
| 10 | 245 | 248-343 | 29 | | | | | | 50% | |
| 11 | 246 | 249-344 | 30 | | | | | | 50% | <i>NOTE: WINDS ARE BLOWING AT 12-15 M.P.H.</i> |
| 12 | 247 | 250-345 | 31 | | | | | | 50% | |
| 13 | 248 | 251-346 | 32 | | | | | | 50% | <i>E.O.T #554, TAPE MKTS</i> |
| 14 | 249 | 252-347 | 33 | | | | | | 50% | |
| 15 | 250 | 253-348 | 34 | | | | | | 50% | <i>B.O.T #555, 900 usec ALL ONES.</i> |
| 16 | 251 | 254-349 | 35 | | | | | | 50% | |
| 17 | 252 | 255-350 | 36 | | | | | | 50% | <i>windstrip</i> |
| 18 | 253 | 256-351 | 37 | | | | | | 50% | |
| 19 | 254 | 257-352 | 38 | | | | | | 50% | <i>E.O.T #555, TAPE MKTS</i> |
| 20 | 255 | 258-353 | 39 | | | | | | 50% | |
| 21 | 256 | 259-354 | 40 | | | 554 | | | 50% | <i>B.O.T #555, 900 usec ALL ONES.</i> |
| 22 | 257 | 260-355 | 41 | <i>windstrip</i> | | 555 | | | 72db | |
| 23 | 257 | 260-355 | 41 | | | | | | 50% | <i>E.O.T #555, TAPE MKTS</i> |
| 24 | 258 | 261-356 | 42 | | | | | | 50% | |
| 25 | 259 | 262-357 | 43 | | | | | | 50% | <i>B.O.T #555, 900 usec ALL ONES.</i> |

| | | | | | |
|---------------------|--------------------------|--------------------|--------------------------|---------------|------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY | SWEEP PATTERN | SWEEPS PER PATTERN | SWEEP PATTERNS PER SETUP | PATCH PATTERN | |
| GEOPHONES PER PATCH | NO. OF RECORDING PATCHES | TYPE VIBRATOR | TYPE GEOPHONE | FREQUENCY | STATION INTERVAL |
| REMARKS | OBSERVER | | PARTY MGR. | | |

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

16

| | | | | |
|-------------------------|-----------------------------|-------------------------|---------------------------|------------------------|
| CLIENT <i>COCORP</i> | AREA <i>NEVADA</i> | STATE <i>NEVADA</i> | COUNTY <i>Pershing</i> | DATE <i>5-26-83</i> |
| CREW NO. <i>6834</i> | TERRAIN <i>Dirt Road</i> | WEATHER <i>clear</i> | LINE NO. # <i>3</i> | |

| REC. NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL. NO. | FILTER | | | REMARKS |
|----------|-------------|-----------------|---------|--------|--------------------|--------------|--------|-----|-----|--------------------------|
| | | | | | | | LOCUT | 60~ | AMP | |
| 1 | 283 | 263-358 | 44 | 4 | MISSING | 555 | OUT | IN | 50% | |
| 2 | 284 | 264-359 | 45 | 5 | | | | | 50% | Vib #17311 BACK ON LINE. |
| 3 | 285 | 265-360 | 46 | | | | | | 50% | |
| 4 | 286 | 266-361 | 47 | | | | | | 50% | |
| 5 | 287 | 267-362 | 48 | | | | | | 50% | |
| 6 | 288 | 268-363 | 49 | | | | | | 50% | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | | | | | | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |

| | | | | | |
|---------------------|--------------------------|--------------------|--------------------------|---------------|------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY | SWEEP PATTERN | SWEEPS PER PATTERN | SWEEP PATTERNS PER SETUP | PATCH PATTERN | |
| GEOPHONES PER PATCH | NO. OF RECORDING PATCHES | TYPE VIBRATOR | TYPE GEOPHONE | FREQUENCY | STATION INTERVAL |
| REMARKS | OBSERVER | | PARTY MOR. | | |

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

17

| | | | | |
|-------------------------|---|---------------------------------|---------------------------|------------------------|
| CLIENT <i>COCORP</i> | AREA <i>NEVADA</i> | STATE <i>NEVADA</i> | COUNTY <i>Pershing</i> | DATE <i>5-27-83</i> |
| CREW NO. <i>6834</i> | TERRAIN <i>Dirt Road - Rolling Hills</i> | WEATHER <i>Clear + windy</i> | LINE NO. <i>#3</i> | |

| REC. NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL. NO. | FILTER | | | REMARKS |
|------------------|-------------------|-----------------|-----------|----------|---------------|--------------|------------|-----------|-------------|--|
| | | | | | | | LOCUT | 60~ | AMP | |
| 1 938 | <i>PULSE</i> | <i>1-6sec</i> | | | <i>missed</i> | <i>555</i> | <i>OUT</i> | <i>IN</i> | | <i>Recorder set up at 339-340</i> |
| 2 939 | <i>EINT</i> | <i>2-'' ''</i> | | | | | | | | <i>Cattle All Along Line. *339 Also open.</i> |
| 3 937 | <i>D.R.D</i> | <i>4-'' ''</i> | | | | | | | | <i>NOTE STA *335, 336, 337, 338 open Due to Cattle</i> |
| 4 935 | <i>SILMtest</i> | <i>2-'' ''</i> | | | | | | | | <i>Standing Around water hole. Cant Keep Jugs Planted.</i> |
| 5 936 | <i>N.R.J</i> | <i>2-'' ''</i> | | | | | | | | |
| 6 <i>932</i> | <i>SIMILARITY</i> | <i>1-32sec</i> | <i>21</i> | <i>5</i> | | <i>555</i> | | | <i>50%</i> | <i>EOT *555 TAPE MKTs.</i> |
| 7 <i>289</i> | <i>WINDSTRIP</i> | <i>1-48sec</i> | <i>2</i> | | | <i>556</i> | | | <i>72db</i> | <i>BOT *556 *900 10sec All ones.</i> |
| 8 <i>290</i> | <i>266</i> | <i>269-364</i> | <i>2</i> | <i>5</i> | <i>1</i> | | | | <i>50%</i> | <i>Wind Blowing 12 TO 15 MPH. Thunder Clouds IN</i> |
| 9 <i>291</i> | <i>267</i> | <i>270-365</i> | <i>3</i> | | <i>2</i> | | | | <i>50%</i> | <i>AREA. Vibs on other side of mountain Missing A</i> |
| 10 <i>292</i> | <i>268</i> | <i>271-366</i> | <i>4</i> | | <i>1</i> | | | | <i>50%</i> | <i>Few Sweeps.</i> |
| 11 <i>293</i> | <i>269</i> | <i>272-367</i> | <i>5</i> | | | | | | <i>50%</i> | <i>had to Replace cable AT STA # 337 Due to Cattle</i> |
| 12 <i>294</i> | <i>270</i> | <i>273-368</i> | <i>6</i> | | <i>1</i> | | | | <i>50%</i> | <i>had to RePLANT 340, 342, 343, 350 + 355 All Pulled</i> |
| 13 <i>295</i> | <i>271</i> | <i>274-369</i> | <i>7</i> | | | | | | <i>50%</i> | <i>UP By cattle. Also 358, 367, 373</i> |
| 14 <i>296</i> | <i>272</i> | <i>275-370</i> | <i>8</i> | | | | | | <i>50%</i> | |
| 15 <i>297</i> | <i>273</i> | <i>276-371</i> | <i>9</i> | | <i>1</i> | | | | <i>50%</i> | |
| 16 <i>298</i> | <i>274</i> | <i>277-372</i> | <i>10</i> | | | | | | <i>50%</i> | <i>More thunder clouds moving IN. Picking up</i> |
| 17 | | | | | | | | | | <i>Lot OF FLICKS From thunder + Lighting. Shutting</i> |
| 18 | | | | | | | | | | <i>DOWN.</i> |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | | | | | | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |

| | | | | | |
|---|---------------------------------------|-----------------------------------|---|-------------------------------------|---------------------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY <i>8332Hz/32sec</i> | SWEEP PATTERN <i>see REMARKS</i> | SWEEPS PER PATTERN <i>8</i> | SWEEP PATTERNS PER SETUP <i>1</i> | PATCH PATTERN <i> X </i> | |
| GEOPHONES PER PATCH <i>24</i> | NO. OF RECORDING PATCHES <i>96</i> | TYPE VIBRATOR <i>5-V1100's</i> | TYPE GEOPHONE <i>ETLEV22B</i> | FREQUENCY <i>7.5Hz</i> | STATION INTERVAL <i>330'</i> |
| REMARKS <i>8ms SAMPLE RATE/48sec Record Length</i> | | | OBSERVER <i>K. PATTON, M. Richey</i> | PARTY MGR. <i>L. DAVIS</i> | |

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

18

| | | | | |
|-------------------------|---|---------------------------------|---------------------------|------------------------|
| CLIENT COCORP | AREA NEVADA | STATE NEVADA | COUNTY Pershing | DATE 5-31-83 |
| CREW NO. 6834 | TERRAIN Dirt Road Rolling Hills | WEATHER Clear + Windy | LINE NO. 3 | |

| REC. NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL. NO. | F I L T E R | | | RE MARKS |
|----------|------------------|-----------------|---------|-----------|---------------|--------------|-------------|------|-----|---|
| | | | | | | | LOCUT | 60 ~ | AMP | |
| 1 | 933 Pulse | 1 - 6 sec | | | missed Sweeps | 556 | OUT | IN | | Recorder set up at 339-340 |
| 2 | 934/935 EINT | 2 - " " | | | | | | | | |
| 3 | 936/937 DRD | 4 - " " | | | | | | | | 5 Vibc, 100' spacing, 41.25 move up, 1st Vibc nose 70' past flag, 2nd Vibc nose 30' before flag |
| 4 | 933/934 Sum test | 2 - " " | | | | | | | | |
| 5 | 960/961 NRJ test | 2 - " " | | | | | | | | |
| 6 | 932 Similarity | 1 - 32 sec | | | | | | | | Will take similarity later on today. |
| 7 | 299 Wind strip | 1 - 48 sec | 11 | | | | | | | NOTE: STA #335 to 339 OPEN, due to cattle. |
| 8 | 300 275 | 278-373 | 11 | 5 | | 556 | | | | 50% E.O.T #556, TAPE MKTS |
| 9 | 301 276 | 279-374 | 12 | windstrip | | 557 | | | | 72db B.O.T #557, 900 10sec ALL ONES. |
| 10 | 302 276 | 279-374 | 12 | | | | | | | 50% NOTE: WINDS ARE BLOWING 13 M.P.H., steady. |
| 11 | 303 277 | 280-375 | 13 | | | | | | | 50% |
| 12 | 304 278 | 281-376 | 14 | | | | | | | 50% |
| 13 | 305 279 | 282-377 | 15 | | | | | | | 50% |
| 14 | 306 280 | 283-378 | 16 | | | | | | | 50% |
| 15 | 307 281 | 284-379 | 17 | | | | | | | 50% |
| 16 | 308 282 | 285-380 | 18 | | | | | | | 50% |
| 17 | 309 283 | 286-381 | 19 | | | | | | | 50% NOTE: WINDS ARE PICKING UP TO 15-17, M.P.H. |
| 18 | 310 284 | 287-382 | 20 | | | | | | | 50% |
| 19 | 311 285 | 288-383 | 21 | | | | | | | 50% |
| 20 | 312 286 | 289-384 | 22 | | | | | | | 50% |
| 21 | 313 287 | 290-385 | 23 | | | | | | | 50% |
| 22 | 314 288 | 291-386 | 24 | | | 557 | | | | 50% E.O.T #557, TAPE MKTS |
| 23 | 315 289 | 292-387 | 25 | windstrip | | 558 | | | | 72db B.O.T #558, 900 10sec ALL ONES. |
| 24 | 316 Similarity | 1 - 32 sec | 236 | | | | | | | 50% took a similarity down the line, File #316. |
| 25 | 317 289 | 292-387 | 25 | | | | | | | 50% NOTE: WINDS ARE BLOWING AT 17 M.P.H., steady. |

| | | | | | |
|---------------------------------------|--------------------------------|------------------------------|----------------------------|--|-------------------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY 8 → 32 Hz / 32 sec | | SWEEP PATTERN See Remarks | | SWEEPS PER PATTERN 8 | |
| SWEEP PATTERNS PER SETUP 1 | | PATCH PATTERN X | | REMARKS 8 ms Sample Rate / 48 sec Record Length | |
| GEOPHONES PER PATCH 24 | NO. OF RECORDING PATCHES 96 | TYPE VIBRATOR 5-Y 1100's | TYPE GEOPHONE ETLEV 22B | FREQUENCY 7.5 Hz | STATION INTERVAL 330' |
| OBSERVER R. Patten | | | PARTY MGR. M. Richey | | LINE DIR. 1 TO 24 W → E |

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

19

| | | | | |
|-------------------------|--|---------------------------------|---------------------------|------------------------|
| CLIENT <i>COCORP</i> | AREA <i>NEVADA</i> | STATE <i>NEVADA</i> | COUNTY <i>Pershing</i> | DATE <i>5-31-83</i> |
| CREW NO. <i>6834</i> | TERRAIN <i>Dirt Road, Rolling Hills</i> | WEATHER <i>clear + windy</i> | LINE NO. <i>#3</i> | |

| REC. NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL. NO. | FILTER | | | REMARKS |
|----------|-------------|-----------------|---------|--------|-----------|--------------------|--------|-----|------|--|
| | | | | | | | LOCUT | 80~ | AMP | |
| 1 | 318 | 290 | 293-388 | 26 | 5 | 558 558 | OUT | IN | 50% | |
| 2 | 319 | 291 | 294-389 | 27 | | | | | 50% | |
| 3 | 320 | 292 | 295-390 | 28 | | | | | 50% | |
| 4 | 321 | 293 | 296-391 | 29 | | | | | 50% | |
| 5 | 322 | 294 | 297-392 | 30 | | | | | 50% | |
| 6 | 323 | 295 | 298-393 | 31 | | | | | 50% | |
| 7 | 324 | 296 | 299-394 | 32 | | | | | 50% | |
| 8 | 325 | 297 | 300-395 | 33 | | | | | 50% | |
| 9 | 326 | 298 | 301-396 | 34 | | | | | 50% | |
| 10 | 327 | 299 | 302-397 | 35 | | | | | 50% | |
| 11 | 328 | 300 | 303-398 | 36 | | 558 | | | 50% | E.O.T. #558, TAPE MKTS |
| 12 | 329 | 301 | 304-399 | 37 | windstrip | 559 | | | 72dB | B.O. #559, 900 10sec ALLONES. |
| 13 | 330 | 301 | 304-399 | 37 | 1 | | | | 50% | NOTE: WINDS ARE BLOWING AT 15-17, M.P.H. |
| 14 | 331 | 302 | 305-400 | 38 | | | | | 50% | |
| 15 | 332 | 303 | 306-401 | 39 | | | | | 50% | |
| 16 | 333 | 304 | 307-402 | 40 | | | | | 50% | |
| 17 | 334 | 305 | 308-403 | 41 | | | | | 50% | |
| 18 | 335 | 306 | 309-404 | 42 | | | | | 50% | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | | | | | | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |

| | | | | | |
|---------------------|--------------------------|--------------------|--------------------------|---------------|------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY | SWEEP PATTERN | SWEEPS PER PATTERN | SWEEP PATTERNS PER SETUP | PATCH PATTERN | |
| GEOPHONES PER PATCH | NO. OF RECORDING PATCHES | TYPE VIBRATOR | TYPE GEOPHONE | FREQUENCY | STATION INTERVAL |
| REMARKS | OBSERVER | | PARTY MGR. | | |

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

22

| | | | | |
|-------------------------|-----------------------------|-------------------------|---------------------------|-----------------------|
| CLIENT COCORP | AREA Nevada | STATE Nevada | COUNTY Pershing | DATE 6-5-83 |
| CREW NO. 6834 | TERRAIN Dirt Road | WEATHER clear | LINE NO. #3 | |

| REC.NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL.NO. | FILTER | | | REMARKS |
|---------|-------------|-----------------|----------|--------|--------------|-------------|--------|-----|------|----------------------------|
| | | | | | | | LOCUT | 60~ | AMP | |
| 1 | 368 | 337-432 | 28 | 5 | Missed Sweep | 5/2 | OUT | IN | 50% | |
| 2 | 369 | 338-433 | 29 | | | | | | 50% | |
| 3 | SKIP | 339-434 | 30 | | | | | | SKIP | Due to water well |
| 4 | SKIP | 340-435 | 31 | | | | | | SKIP | " " " " |
| 5 | 370 | 341-436 | 32 | | | | | | 50% | Stacked 1st half |
| 6 | 371 | 342-437 | 33 | | | | | | 50% | Stacked last half |
| 7 | 372 | 343-438 | 34 | | | | | | 50% | |
| 8 | 932 | Similarity | 1-32 sec | 5 | | | | | 50% | |
| 9 | 373 | 344-439 | 35 | | | | | | 50% | |
| 10 | 374 | 345-440 | 36 | | | | | | 50% | |
| 11 | SKIP | 346-441 | 37 | | | | | | SKIP | Due to Rough Road terrain. |
| 12 | 375 | 347-442 | 38 | | | | | | 50% | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | | | | | | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |

| | | | | | |
|---------------------|--------------------------|--------------------|--------------------------|---------------|------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY | SWEEP PATTERN | SWEEPS PER PATTERN | SWEEP PATTERNS PER SETUP | PATCH PATTERN | |
| GEOPHONES PER PATCH | NO. OF RECORDING PATCHES | TYPE VIBRATOR | TYPE GEOPHONE | FREQUENCY | STATION INTERVAL |
| REMARKS | | | OBSERVER | | PARTY MGR. |

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

23

| | | | | |
|-------------------------|-----------------------------|-----------------------------------|---------------------------|-----------------------|
| CLIENT <i>COCORP</i> | AREA <i>Nevada</i> | STATE <i>Nevada</i> | COUNTY <i>Pershing</i> | DATE <i>6-6-83</i> |
| CREW NO. <i>6834</i> | TERRAIN <i>Dirt Road</i> | WEATHER <i>clear & WET</i> | | LINE NO. <i>3</i> |

| REC. NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL. NO. | F I L T E R | | | REMARKS |
|----------|------------------|-----------------|-----------|------------------|----------|------------------------------|-------------|-----------|-------------|--|
| | | | | | | | LOCUT | 60 ~ | AMP | |
| 1 | <i>PULSE</i> | <i>1-6sec</i> | | | | <i>MISSING</i> <i>562</i> | <i>CUT</i> | <i>IN</i> | | <i>Recorder set up at 394-395</i> |
| 2 | <i>EINT</i> | <i>2-''''</i> | | | | | | | | <i>LOT OF Cattle Along Line.</i> |
| 3 | <i>D.R.D</i> | <i>4-''''</i> | | | | | | | | <i>5 Vibs, 1st Vib nose 70' past flag, 2nd Vib nose</i> |
| 4 | <i>sum test</i> | <i>2-''''</i> | | | | | | | | <i>30' before flag, 100' spacing, 41.25 move up.</i> |
| 5 | <i>N.R.V</i> | <i>2-''''</i> | | | | <i>562</i> | | | | <i>NOTE: will take a similarity later on today.</i> |
| 6 | <i>WINDSTRIP</i> | <i>1-48sec</i> | <i>26</i> | | | <i>563</i> | | | <i>720h</i> | <i>E.O.T #562, TAPE MKTS. B.O.T #563, 900 10sec ALL ONES</i> |
| 7 | <i>345</i> | <i>348-443</i> | <i>26</i> | <i>5</i> | | | | | <i>50%</i> | <i>NOTE: Picking up some leakage.</i> |
| 8 | <i>346</i> | <i>349-444</i> | <i>27</i> | | | | | | <i>50%</i> | |
| 9 | <i>347</i> | <i>350-445</i> | <i>28</i> | | | | | | <i>50%</i> | |
| 10 | <i>348</i> | <i>351-446</i> | <i>29</i> | | | | | | <i>50%</i> | |
| 11 | <i>349</i> | <i>352-447</i> | <i>30</i> | | | | | | <i>50%</i> | <i>STACKED LAST HALF, Due to Hugh mud Hole.</i> |
| 12 | <i>350</i> | <i>353-448</i> | <i>31</i> | | | | | | <i>50%</i> | |
| 13 | <i>351</i> | <i>354-449</i> | <i>32</i> | | | | | | <i>50%</i> | |
| 14 | <i>352</i> | <i>355-450</i> | <i>33</i> | | | | | | <i>50%</i> | |
| 15 | <i>353</i> | <i>356-451</i> | <i>34</i> | | | | | | <i>50%</i> | |
| 16 | <i>354</i> | <i>357-452</i> | <i>35</i> | | | | | | <i>50%</i> | |
| 17 | <i>355</i> | <i>358-453</i> | <i>36</i> | | | | | | <i>50%</i> | |
| 18 | <i>356</i> | <i>359-454</i> | <i>37</i> | | | | | | <i>50%</i> | |
| 19 | <i>357</i> | <i>360-455</i> | <i>38</i> | | | <i>563</i> | | | <i>50%</i> | <i>E.O.T #563, TAPE MKTS</i> |
| 20 | <i>358</i> | <i>361-456</i> | <i>39</i> | <i>windstrip</i> | | <i>564</i> | | | <i>720h</i> | <i>B.O.T #564, 900 10sec ALL ONES.</i> |
| 21 | <i>358</i> | <i>361-456</i> | <i>39</i> | | | | | | <i>50%</i> | |
| 22 | <i>359</i> | <i>362-457</i> | <i>40</i> | | | | | | <i>50%</i> | |
| 23 | <i>360</i> | <i>363-458</i> | <i>41</i> | | | | | | <i>50%</i> | |
| 24 | <i>361</i> | <i>364-459</i> | <i>42</i> | | | | | | <i>50%</i> | |
| 25 | <i>362</i> | <i>365-460</i> | <i>43</i> | | | | | | <i>50%</i> | |

| | | | | | | |
|---|---------------------------------------|-------------------------------------|---|--------------------------------|--------------------------------------|---------------------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. | |
| SWEEP FREQUENCY <i>8 @ 32Hz / 32sec</i> | | SWEEP PATTERN <i>see Remarks</i> | | SWEEPS PER PATTERN <i>8</i> | SWEEP PATTERNS PER SETUP <i>1</i> | PATCH PATTERN <i> </i> |
| GEOPHONES PER PATCH <i>24</i> | NO. OF RECORDING PATCHES <i>96</i> | TYPE VIBRATOR <i>5-Y1100's</i> | TYPE GEOPHONE <i>ETLEV22B</i> | FREQUENCY <i>7.5HZ</i> | STATION INTERVAL <i>330'</i> | LINE DIR. 1 TO 24 <i>W-E</i> |
| REMARKS <i>8ms sample RATE / 48sec Record Length</i> | | | OBSERVER <i>P. PATTON, M. Richey</i> | PARTY MOR. <i>L. DAVIS</i> | | |

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

24

| | | | | |
|-------------------------|-----------------------------|-----------------------------------|---------------------------|-----------------------|
| CLIENT COCORP | AREA Nevada | STATE Nevada | COUNTY Pershing | DATE 6-6-83 |
| CREW NO. 6834 | TERRAIN Dirt Road | WEATHER clear & WET | | LINE NO. #3 |

| REC.NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL.NO. | FILTER | | | REMARKS |
|---------|-------------|--------------------|---------|-----------|--------------|-------------|--------|-----|------|--|
| | | | | | | | LOCUT | 80~ | AMP | |
| 1 | 396 | 366-461 | 44 | 5 | Missed Sweep | 564 | OUT | IN | 50% | |
| 2 | 397 | 367-462 | 45 | | | | | | 50% | |
| 3 | 398 | 368-462 | 45 | | | | | | 50% | Vibs will start shooting through the spread. |
| 4 | 399 | 369-462 | 45 | | | | | | 50% | |
| 5 | 400 | 370-462 | 45 | | | | | | 50% | |
| 6 | 401 | 371-462 | 45 | | | | | | 50% | |
| 7 | 402 | 372-462 | 45 | | | 564 | | | 50% | E.O.T #564, TAPE MKTS |
| 8 | 432 | Similarity 1-32sec | 19 | 5 | | 565 | | | 50% | B.O.T #565, 900 10sec ALL ONES. |
| 9 | 403 | 370 | 45 | windstrip | | 565 | | | 72db | NOTE: 3.5ft OFFSET ON BOTH SIDE OF VIBS. |
| 10 | 404 | 370 | 45 | | | | | | 50% | |
| 11 | 405 | 371 | 45 | | | | | | 50% | |
| 12 | 406 | 372 | 45 | | | | | | 50% | |
| 13 | 407 | 373 | 45 | | | | | | 50% | |
| 14 | 408 | 374 | 45 | | | | | | 50% | |
| 15 | 409 | 375 | 45 | | | | | | 50% | |
| 16 | 410 | 376 | 45 | | | | | | 50% | |
| 17 | 411 | 377 | 45 | | | | | | 50% | |
| 18 | 412 | 378 | 45 | | | | | | 50% | |
| 19 | 413 | 379 | 45 | | | | | | 50% | |
| 20 | 414 | 380 | 45 | | | | | | 50% | |
| 21 | 415 | 381 | 45 | | | 565 | | | 50% | E.O.T #565, TAPE MKTS |
| 22 | 416 | 382 | 45 | windstrip | | 566 | | | 72db | B.O.T #566, 900 10sec ALL ONES. |
| 23 | 417 | 382 | 45 | | | | | | 50% | |
| 24 | 418 | 383 | 45 | | | | | | 50% | |
| 25 | 419 | 384 | 45 | | | | | | 50% | |

| | | | | | |
|---------------------|--------------------------|--------------------|--------------------------|---------------|------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY | SWEEP PATTERN | SWEEPS PER PATTERN | SWEEP PATTERNS PER SETUP | PATCH PATTERN | |
| GEOPHONES PER PATCH | NO. OF RECORDING PATCHES | TYPE VIBRATOR | TYPE GEOPHONE | FREQUENCY | STATION INTERVAL |
| REMARKS | OBSERVER | | PARTY MGR. | | |

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc. 25

| | | | | |
|-------------------------|-----------------------------|-----------------------------------|---------------------------|-----------------------|
| CLIENT COCORP | AREA NEVADA | STATE NEVADA | COUNTY Pershing | DATE 6-6-83 |
| CREW NO. 6834 | TERRAIN Dirt Road | WEATHER Clear & WET | LINE NO. 3 | |

| REC. NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL. NO. | F I L T E R | | | RE MARKS |
|----------|-------------|-----------------|---------|------------|------------|--------------|-------------|------|------|---|
| | | | | | | | LOCUT | 60 ~ | AMP | |
| 1 | 420 | 367-388-462 | 45 | 5 | Miss Sweep | 566 | DILT | IN | 50% | |
| 2 | 421 | 367-389-462 | 45 | | | | | | 50% | |
| 3 | 422 | 367-390-462 | 45 | | | | | | 50% | |
| 4 | 423 | 367-391-462 | 45 | | | | | | 50% | |
| 5 | 424 | 367-392-462 | 45 | | | | | | 50% | |
| 6 | 425 | 367-393-462 | 45 | | | | | | 50% | |
| 7 | 426 | 367-394-462 | 45 | | | | | | 50% | |
| 8 | 427 | 367-395-462 | 45 | | | | | | 50% | |
| 9 | 428 | 367-396-462 | 45 | | | | | | 50% | |
| 10 | 429 | 367-397-462 | 45 | | | 566 | | | 50% | E.D.T #566, TAPE MKTS |
| 11 | 430 | 367-442-462 | 45 | WIND STRIP | | 567 | | | 72dB | B.D.T #567, 900 10sec ALL ONES. Vibs ARE START TO |
| 12 | 431 | 367-442-462 | 45 | | | | | | 50% | PULLING THROUGH THE SPREAD. |
| 13 | 432 | 367-443-462 | 45 | | | | | | 50% | |
| 14 | 433 | 367-444-462 | 45 | | | | | | 50% | |
| 15 | 434 | 367-445-462 | 45 | | | | | | 50% | |
| 16 | 435 | 367-446-462 | 45 | | | | | | 50% | |
| 17 | 436 | 367-447-462 | 45 | | | | | | 50% | |
| 18 | 437 | 367-448-462 | 45 | | | | | | 50% | |
| 19 | 438 | 367-449-462 | 45 | | | | | | 50% | |
| 20 | 439 | 367-450-462 | 45 | | | | | | 50% | |
| 21 | 440 | 367-451-462 | 45 | | | | | | 50% | |
| 22 | 441 | 367-452-462 | 45 | | | | | | 50% | |
| 23 | 442 | 367-453-462 | 45 | | 1 | | | | 50% | |
| 24 | 443 | 367-454-462 | 45 | | | 567 | | | 50% | E.D.T #567, TAPE MKTS |
| 25 | 444 | 367-455-462 | 45 | WIND STRIP | | 568 | | | 72dB | B.D.T #568, 900 10sec ALL ONES. |

| | | | | | |
|---------------------|--------------------------|--------------------|--------------------------|---------------|------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY | SWEEP PATTERN | SWEEPS PER PATTERN | SWEEP PATTERNS PER SETUP | PATCH PATTERN | |
| GEOPHONES PER PATCH | NO. OF RECORDING PATCHES | TYPE VIBRATOR | TYPE GEOPHONE | FREQUENCY | STATION INTERVAL |
| REMARKS | OBSERVER | | PARTY MGR. | | |

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

26

| | | | | |
|-------------------------|-----------------------------|-------------------------|---------------------------|-----------------------|
| CLIENT <i>COCORP</i> | AREA <i>Nevada</i> | STATE <i>Nevada</i> | COUNTY <i>Pershing</i> | DATE <i>6-6-83</i> |
| CREW NO. <i>6834</i> | TERRAIN <i>Dirt Road</i> | WEATHER <i>clear</i> | LINE NO. <i>#3</i> | |

| REC. NO. | SWEEP POINT | PATCH LOCATIONS | CDP SW. | NO VIB | AMP GAIN | TAPE RL. NO. | F I L T E R | | | RE MARKS |
|----------|-------------|-----------------|---------|--------|---------------------|--------------|-------------|------|-----|--|
| | | | | | | | LOCUT | 60 ~ | AMP | |
| 1 | 445 | 367-455-462 | 45 | 5 | <i>missed sweep</i> | 568 | OUT | IN | 50% | NOTE: 3 STA OFFSET ON BOTH SIDE OF Vibs. |
| 2 | 446 | 367-456-462 | 45 | | | | | | 50% | |
| 3 | 447 | 367-457-462 | 45 | | 1 | | | | 50% | |
| 4 | 448 | 367-458-462 | 45 | | | | | | 50% | |
| 5 | 449 | 367-459-462 | 45 | | | | | | 50% | |
| 6 | 450 | 367-460-462 | 45 | | | | | | 50% | |
| 7 | 451 | 367-461-462 | 45 | | | | | | 50% | |
| 8 | 452 | 367-462 | 45 | | | | | | 50% | |
| 9 | 453 | 367-462 | 45 | | | | | | 50% | |
| 10 | 454 | 367-462 | 45 | | | | | | 50% | |
| 11 | 455 | 367-462 | 45 | | | 568 | | | 50% | E.D.T #568, TAPE MKTS. E.O.L. #3 |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | | | | | | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |

| | | | | | |
|---------------------|--------------------------|--------------------|--------------------------|---------------|------------------|
| TOTAL SETUPS | TOTAL SWEEPS | TOTAL COVERAGE | TOTAL FIELD TIME | DRIVING TIME | SYSTEM NO. |
| SWEEP FREQUENCY | SWEEP PATTERN | SWEEPS PER PATTERN | SWEEP PATTERNS PER SETUP | PATCH PATTERN | |
| GEOPHONES PER PATCH | NO. OF RECORDING PATCHES | TYPE VIBRATOR | TYPE GEOPHONE | FREQUENCY | STATION INTERVAL |
| REMARKS | | | OBSERVER | | PARTY MGR. |