

GL02700-6

RETURN TO CASPER

14
14

CC-4 Run # 4

<p>TEMPERATURE LOG</p>	
<p>COMPANY <u>ANSCHUTZ Corp.</u></p>	
<p>WELL <u>FEDERAL 60-13 No. 1</u></p>	
<p>FIELD <u>WILDCAT</u></p>	
<p>COUNTY <u>OWYHEE</u> STATE <u>IDAHO</u></p>	
<p>Location <u>SE SW</u></p>	<p>DRILLER <u>PK-CAL</u></p>
<p>Sec <u>13</u> Twp <u>55</u> Rpt <u>1E</u></p>	<p>HRT</p>
<p>Permanent Datum <u>GL</u> Elev. <u>2240</u> Elev. <u>K2751</u></p>	<p>DI <u>GL2795</u></p>
<p>Log Measured From <u>KB</u> <u>11</u> ft Above Perm. Datum</p>	<p>Drilling Measured From <u>KB</u></p>
<p>Date <u>8-19-74</u></p>	<p>Run No. <u>4</u></p>
<p>Depth Driller <u>11,125</u></p>	<p>Depth Logger <u>11,125</u></p>
<p>Bit Log Interval <u>11,125</u></p>	<p>Top Log Interval <u>4090</u></p>
<p>Casing Driller <u>938-414</u></p>	<p>Casing Logger</p>
<p>Bit Size <u>7 7/8</u></p>	<p>Type Fluid in Hole <u>TIGHT HOPE</u></p>
<p>Leak-off <u>11,614</u></p>	<p>Source of Sample <u>C.R.C.</u></p>
<p>1m S. Mean Temp <u>1.38</u> <u>72.1</u></p>	<p>1m 1/2 Mean Temp <u>2.82</u> <u>65.7</u></p>
<p>2m 1/2 Mean Temp <u>2.0</u> <u>72.4</u></p>	<p>Source <u>M</u></p>
<p>3m 1/2 Mean Temp <u>0.7</u> <u>25.1</u></p>	<p>4m 1/2 Mean Temp <u>8.17</u> <u>40.9</u></p>
<p>5m 1/2 Mean Temp <u>8.14</u> <u>40.8</u></p>	<p>6m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>7m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>8m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>9m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>10m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>11m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>12m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>13m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>14m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>15m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>16m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>17m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>18m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>19m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>20m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>21m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>22m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>23m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>24m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>25m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>26m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>27m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>28m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>29m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>30m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>31m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>32m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>33m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>34m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>35m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>36m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>37m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>38m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>39m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>40m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>41m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>42m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>43m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>44m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>45m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>46m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>47m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>48m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>49m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>50m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>51m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>52m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>53m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>54m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>55m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>56m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>57m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>58m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>59m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>60m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>61m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>62m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>63m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>64m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>65m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>66m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>67m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>68m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>69m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>70m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>71m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>72m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>73m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>74m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>75m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>76m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>77m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>78m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>79m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>80m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>81m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>82m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>83m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>84m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>85m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>86m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>87m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>88m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>89m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>90m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>91m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>92m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>93m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>94m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>95m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>96m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>97m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>98m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>
<p>99m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>	<p>100m 1/2 Mean Temp <u>7.70</u> <u>45.8</u></p>

TEMPERATURE of

REDUCED SOLUBILITY

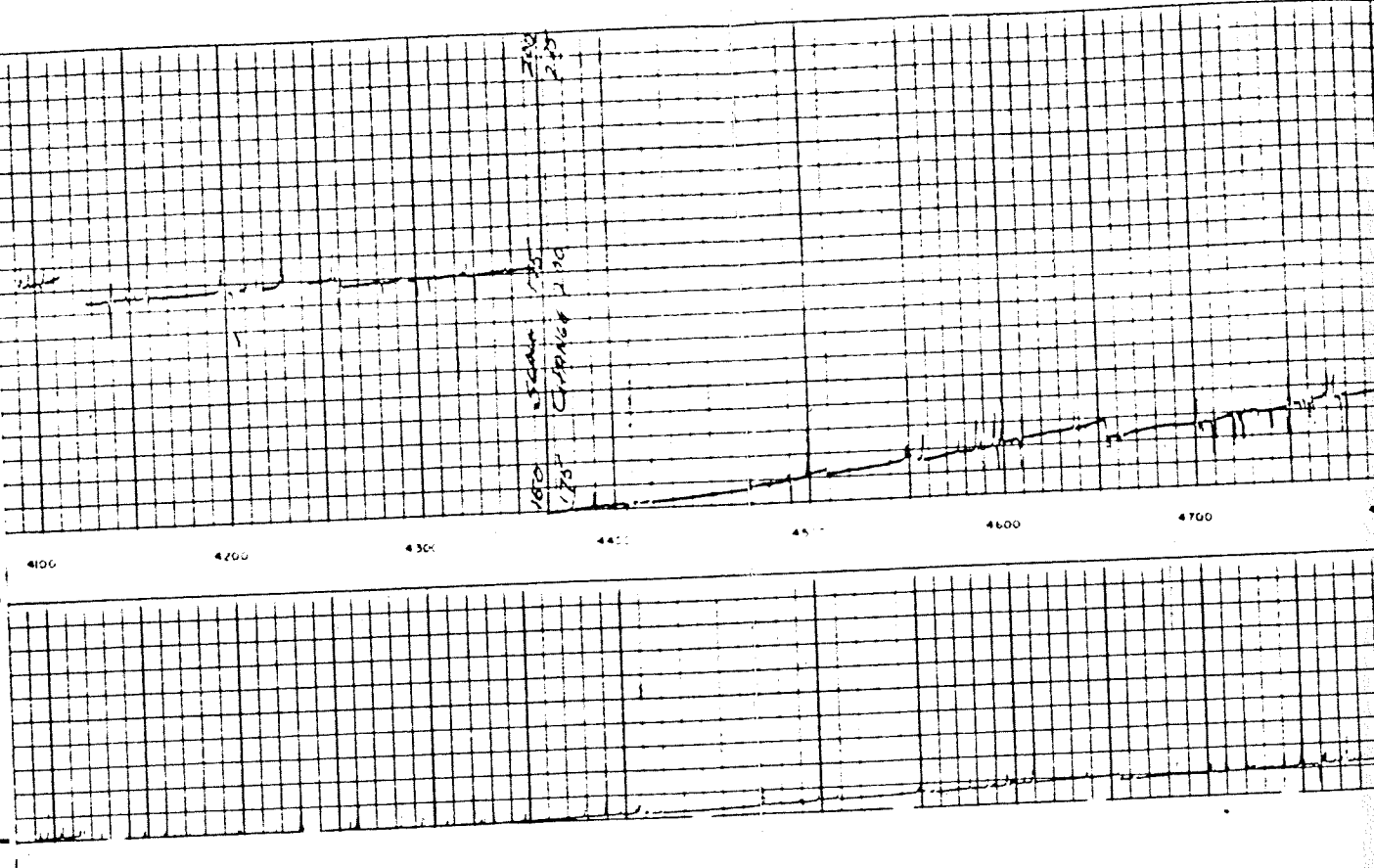
TEMP.

INCREASE

225

175

150



WELL NAME, LOCATION AND BARRAGE REFERENCE FROM WELL LOG

WELL LOG PAGE

Scale Up Meter: 100-200, 125-225

TEMP 4365 150-200 175-225

5470 175-225 200-250

9810 200-250 250-300

WARRANTY

COULD NOT LOC

WELL DNR TO MWD

WELLING UP BY THAT

WELLING EFFICIENTLY

LOWER UP.

APPROXIMATELY

67 HOURS SINCE

CIRCULATION

MIN. RATING THERMO. 263

INTERMITTENT CIRC. MIX

61287 FULL

EQUIPMENT DATA

PIU-A 777

HTM-B 759

WAM-A 601

HTS-B 787

CALIBRATION DATA

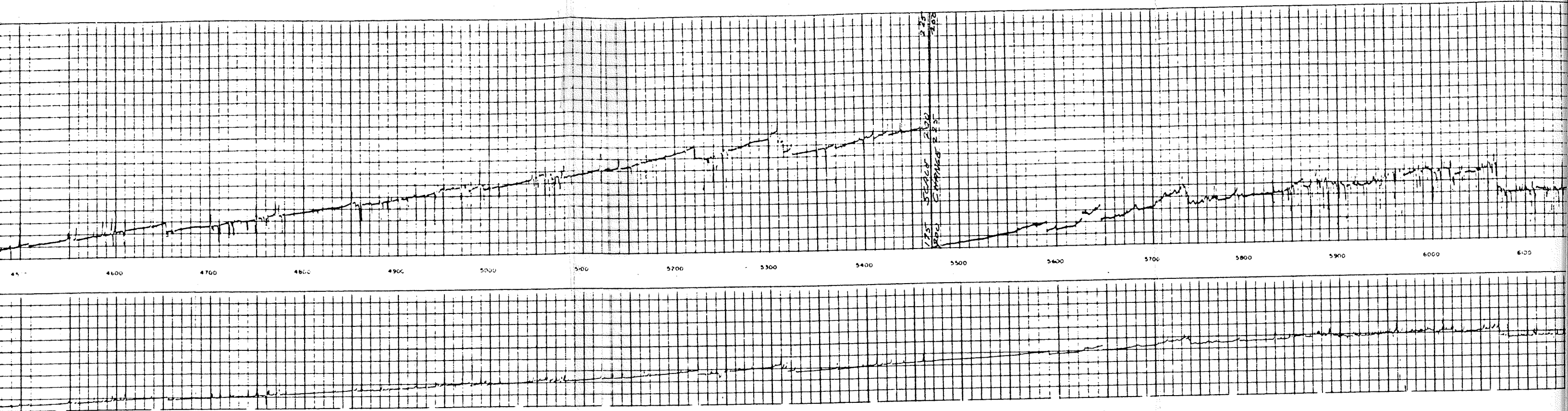
BRG GTS

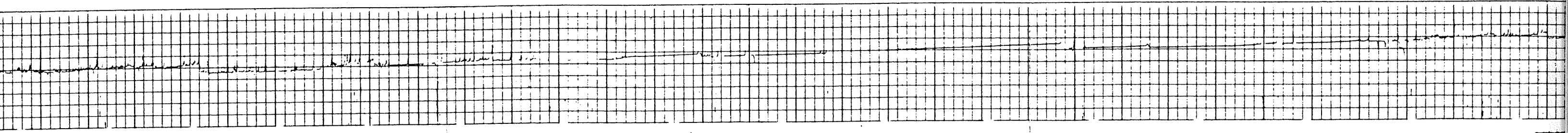
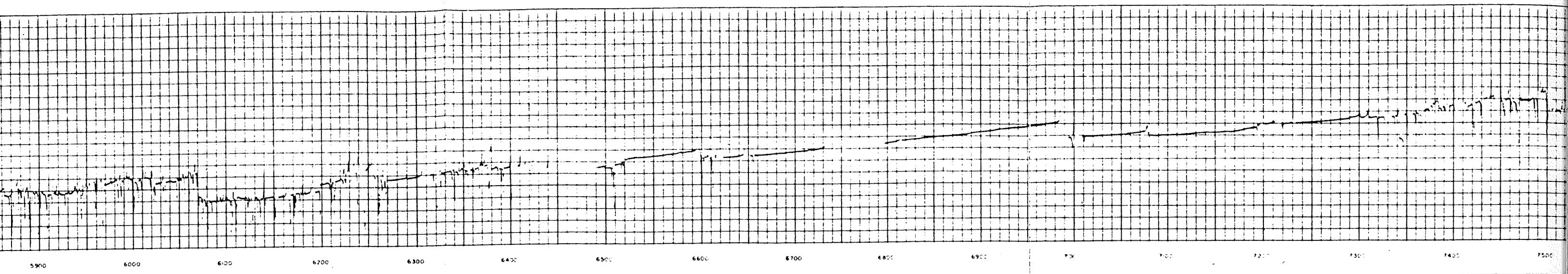
SHURE 175

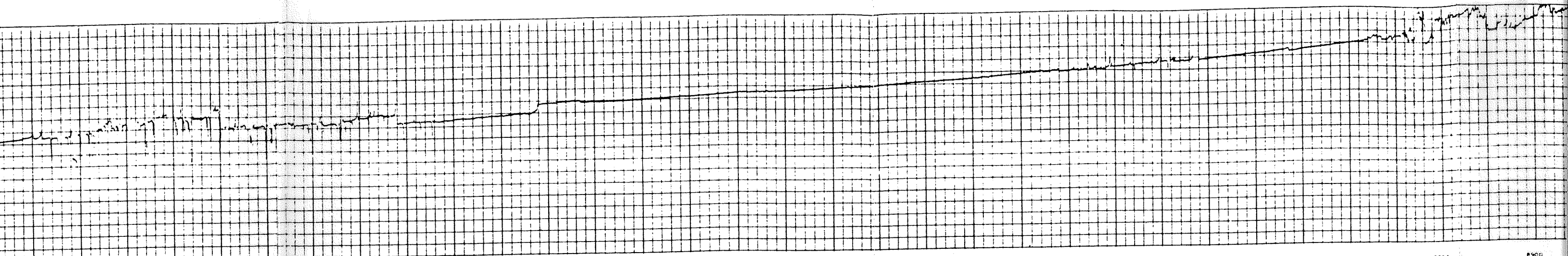
CR

RECORDED BY

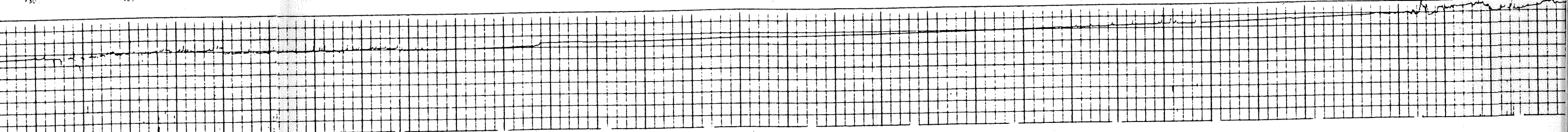
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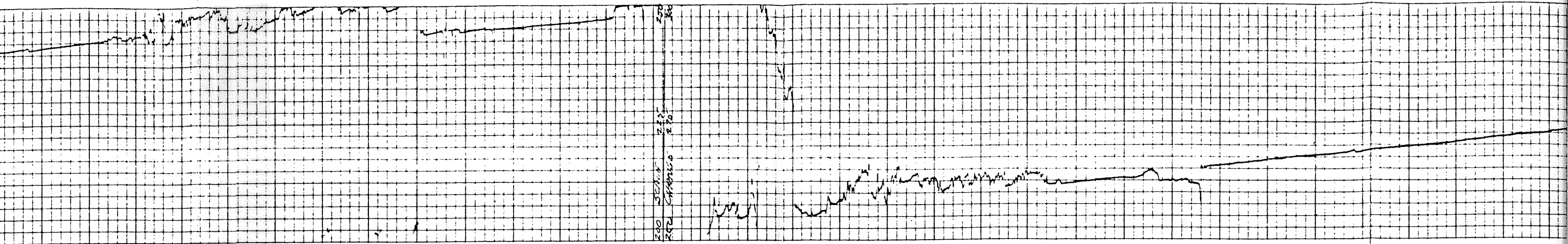




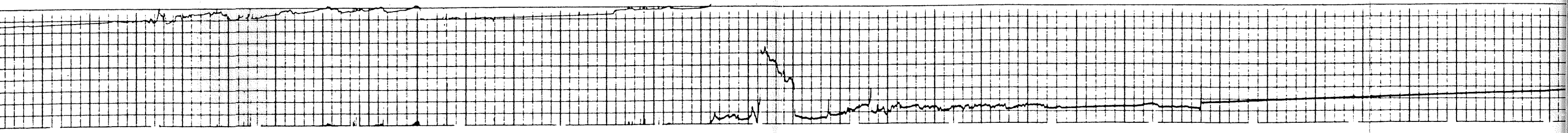


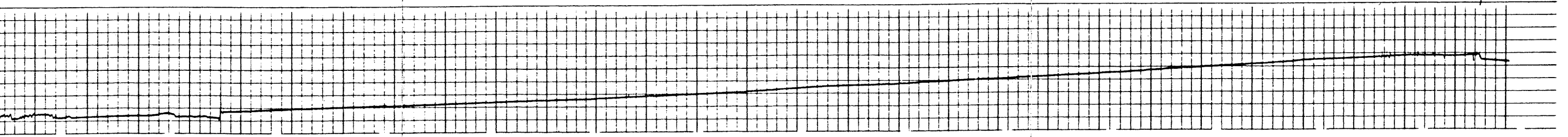
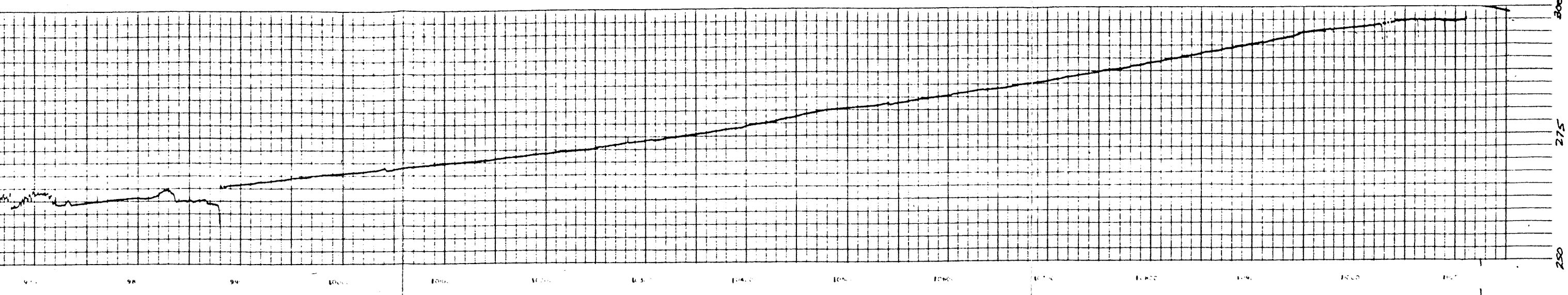
7300 7400 7500 7600 7700 7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800 8900





8700 8800 8900 9000 9100 9200 9300 9400 9500 9600 9700 9800 9900 10000 10100 10200





Foot

175

150

11