



Computed
4-ARM Diplog

FILE NO. GL02626

COMPANY E. G. & G. IDAHO, INC.

WELL R.R.G.P. - 4A

FIELD RAFT RIVER GEOTHERMAL

COUNTY CASSIA STATE IDAHO

LOCATION: SEC 23 TWP 15S RGE 26E MAG. DEC. 17°E

Permanent Datum G.L. Elev 4840

Log Measured from K.B. 16 Ft. Above Permanent Datum

Drilling Measured from K.B.

Other Services: DIFL, BHCAL, 4ARM CAL., CNL, CDI, RPTLOG

Elevations: KB 4856, DF 4855, GL 4840

Date	<u>10-25-78</u>
Run No.	<u>ONE</u>
Service Order	<u>87825</u>
Depth—Driller	<u>5212</u>
Depth—Logger	<u>5220</u>
Bottom Logged Interval	<u>5186</u>
Top Logged Interval	<u>3467</u>
Casing—Driller	<u>9 5/8 @ 3457</u>
Casing—Logger	<u>3467</u>
Bit Size	<u>8 3/4</u>
Type Fluid in Hole	<u>FRESH WATER</u>
Density and Viscosity	<u>NA NA</u>
pH and Fluid Loss	<u>NA NA cc</u>
Source of Sample	<u>NA NA cc</u>
Rm @ Meas. Temp.	<u>NA @ °F</u>
Rmf @ Meas. Temp.	<u>NA @ °F</u>
Rmc @ Meas. Temp.	<u>NA @ °F</u>
Source of Rmf and Rmc	<u>NA @ °F</u>
Rm @ BHT	<u>NA @ °F</u>
Time Since Circ.	<u>NA</u>
Max. Rec. Temp. Deg. F.	<u>266 °F</u>
Equip. No. and Location	<u>6008 CODY</u>
Recorded By	<u>HOESCH, OBULANEY</u>
Witnessed By	

FOLD HERE

Remarks:

EQUIPMENT DATA				
	RUN NO. 1	RUN NO. 2	RUN NO. 3	RUN NO. 4
Series No. Tool	<u>1010</u>			
Pad Type	<u>FOCUSED</u>			
Pad Section Serial No.	<u>37929</u>			
Electronics Serial No.	<u>118</u>			
Orientation Type				
Orientation Serial No.	<u>118</u>			
Panel Series No.	<u>1056</u>			
Panel Serial No.	<u>30330</u>			
Tape Unit Series No.				
Tape Unit Serial No.				
Correlated by	<u>DELLAI/HETHERINGTON</u>			
Plotted by	<u>DELLAI/HETHERINGTON</u>			

MAGNETIC DECLINATION 17°E

VERTICAL DISPLACEMENT FOR VARIOUS HORIZONTAL DISTANCES AND ANGLES OF DIP

DIP in degrees	one mile			DIP in degrees	one mile		
	100'	1000'	5280		100'	1000'	5280
1	1.75	17.5	92.2	19	34.4	344	1818
2	3.5	35	184	20	36.4	364	1922
3	5.2	52	277	21	38.4	384	2022
4	7.0	70	369	22	40.4	404	2133
5	8.8	88	462	23	42.5	425	2241
6	10.5	105	555	24	44.5	445	2351
7	12.3	123	648	25	46.6	466	2462
8	14.1	141	742	30	57.7	577	3048
9	15.8	158	836	35	70.0	700	3697
10	17.6	176	931	40	83.9	839	4430
11	19.4	194	1026	45	100.0	1000	5280
12	21.3	213	1112	50	119.2	1192	6291
13	23.1	231	1219	55	142.8	1428	7500
14	24.9	249	1316	60	173.2	1732	9145
15	26.8	268	1415	65	214.4	2144	11323
16	28.7	287	1514	70	274.8	2748	14507
17	30.6	306	1614	75	373.2	3732	19705
18	32.5	325	1716	80	567.1	5671	29945

GRAPHIC PRESENTATION

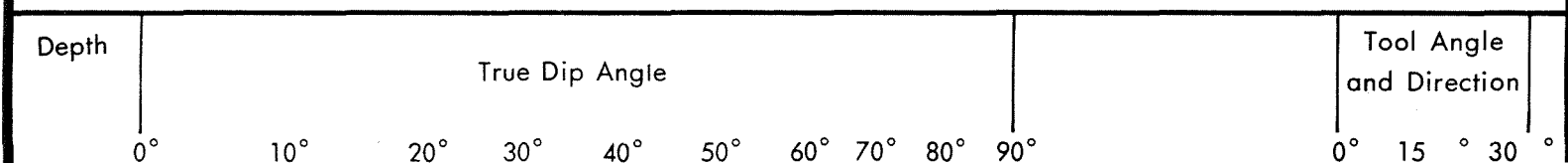
FAIR ● ——— GOOD ● ——— EXCELLENT ● ———

Depth	True Dip Angle	Tool Angle and Direction
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14	24.9	249	1316	60	173.2	1732	9145
15	26.8	268	1415	65	214.4	2144	11323
16	28.7	287	1514	70	274.8	2748	14507
17	30.6	306	1614	75	373.2	3732	19705
18	32.5	325	1716	80	567.1	5671	29945

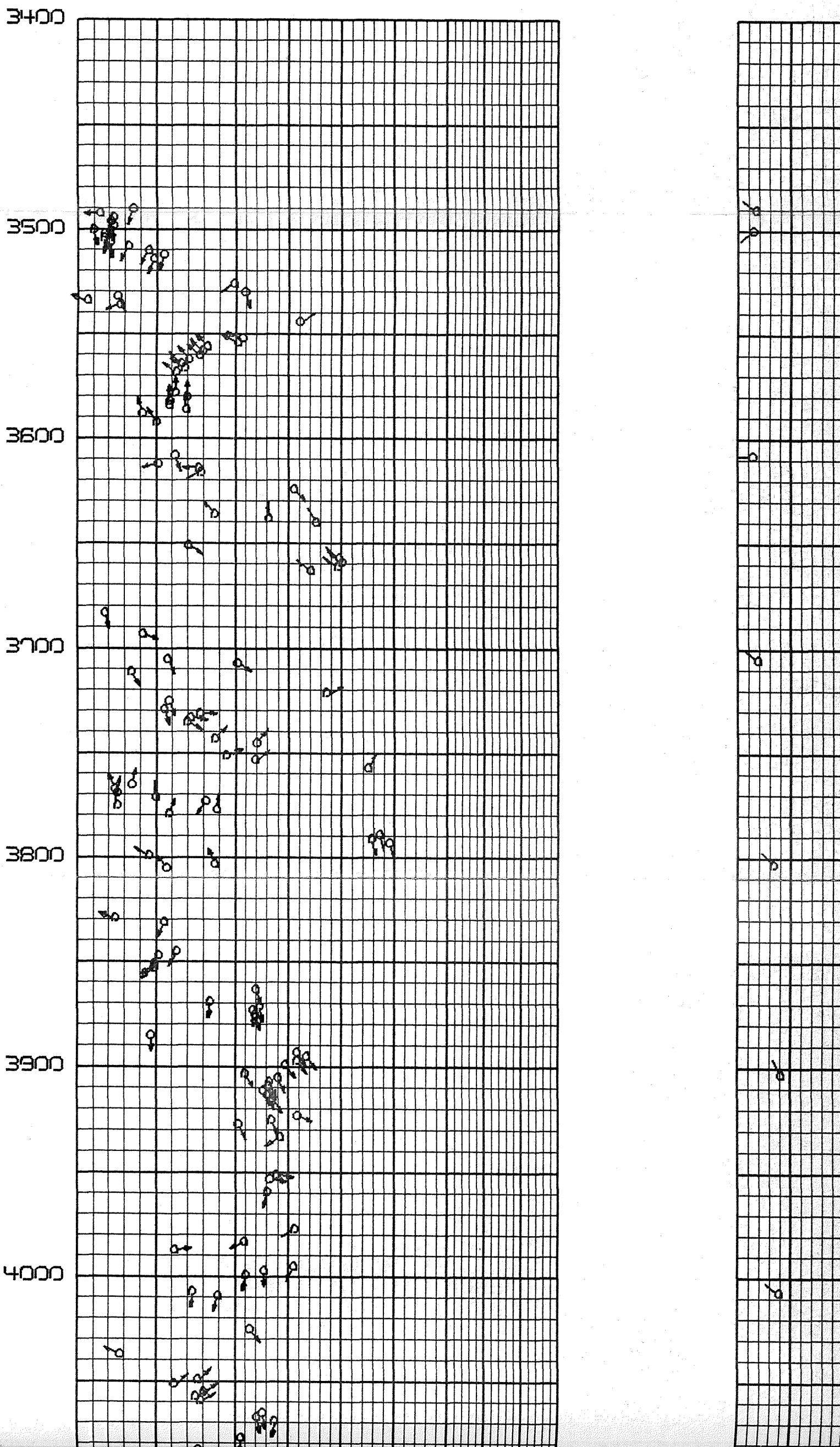
GRAPHIC PRESENTATION

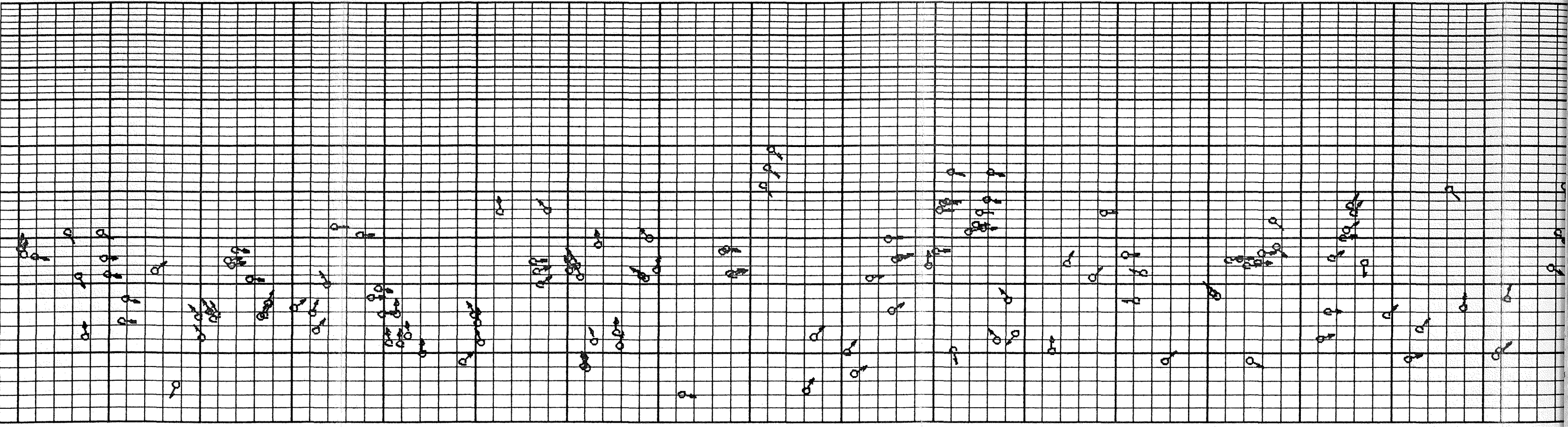
FAIR ● ← GOOD ● → EXCELLENT ● →



EG G IDAHO INC. 8-10-2

15 30





4000

4100

4200

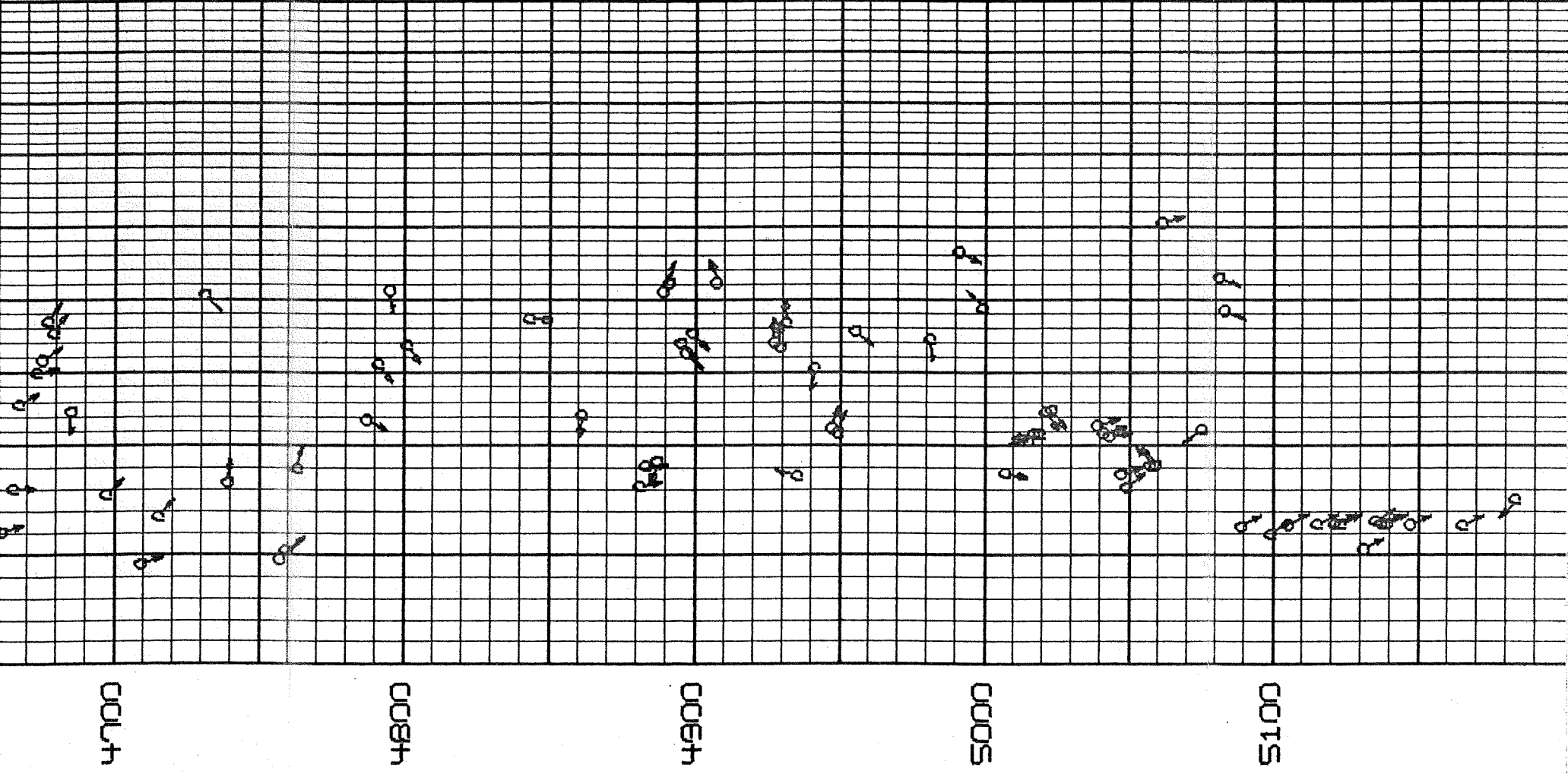
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4400

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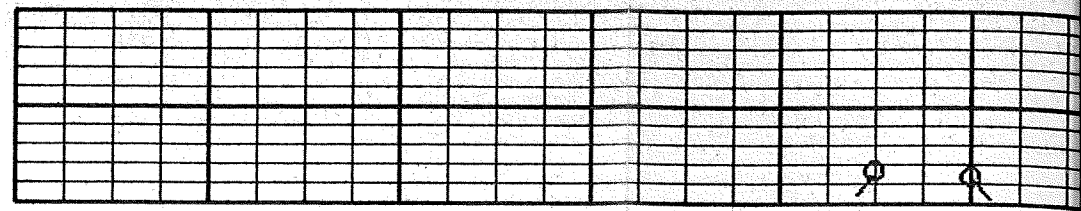
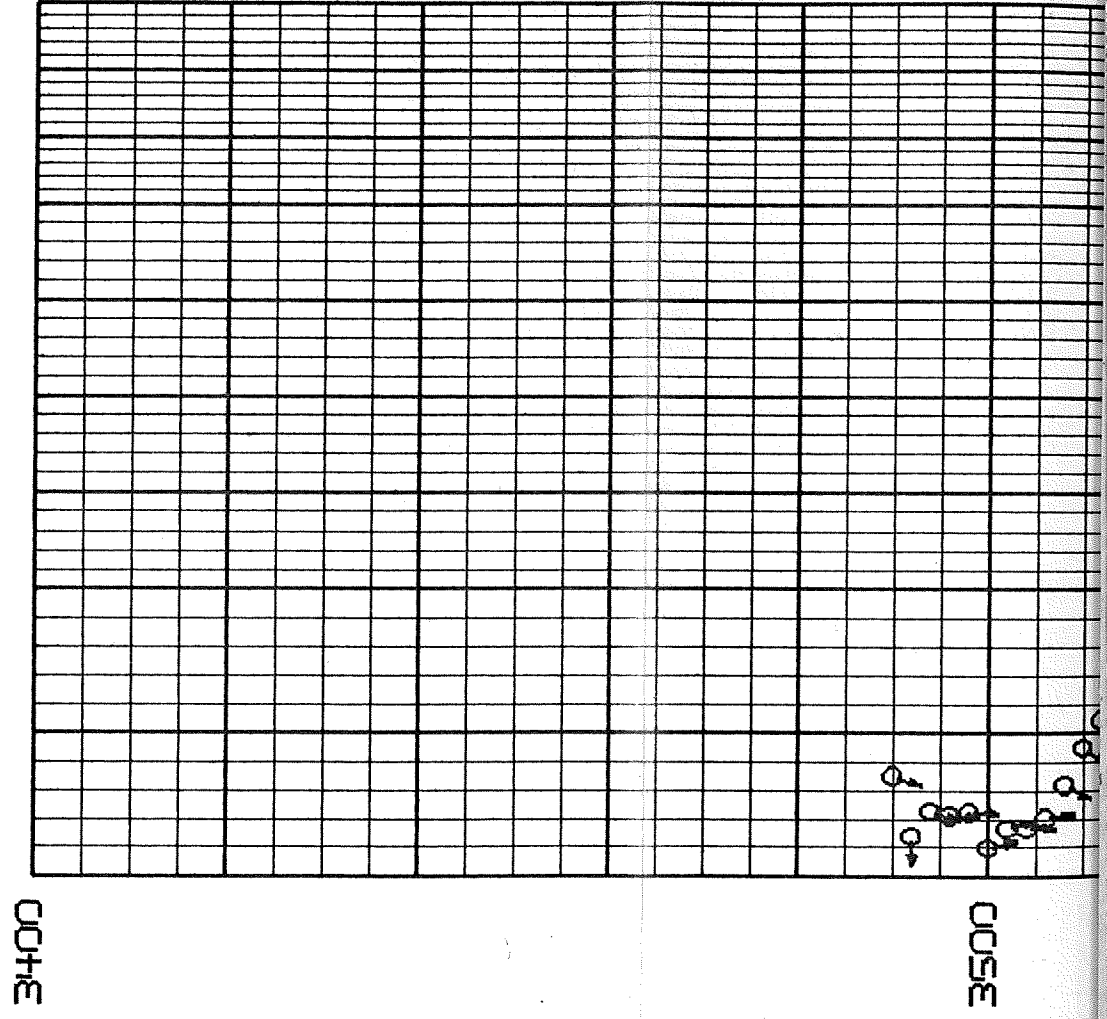
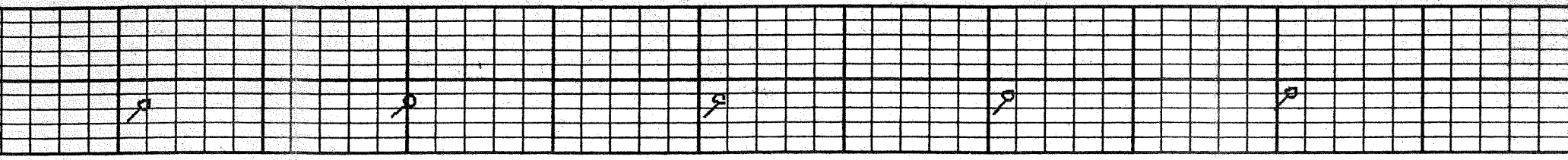
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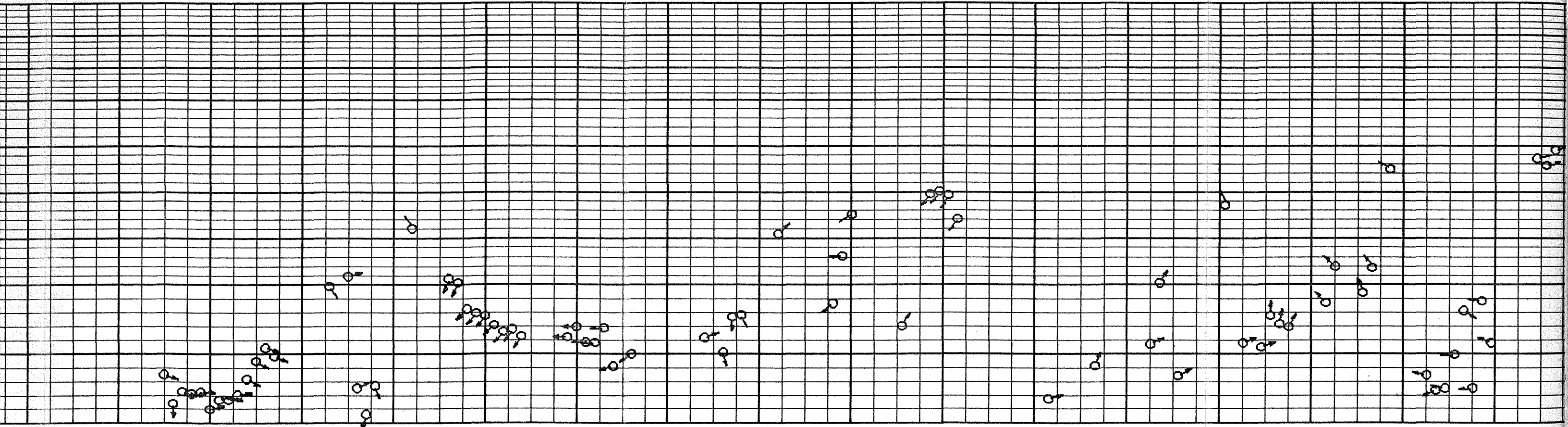
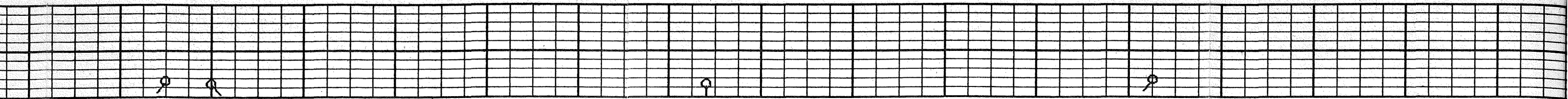
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15 30

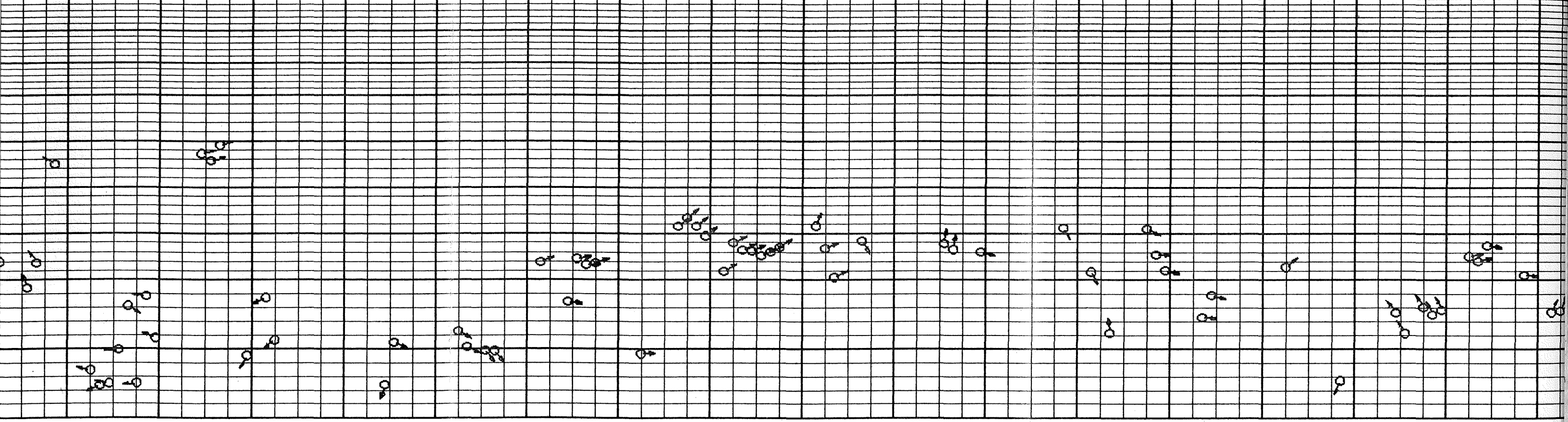




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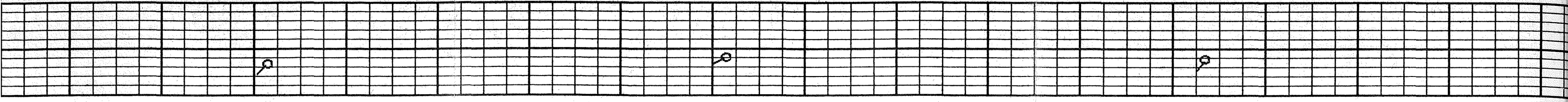
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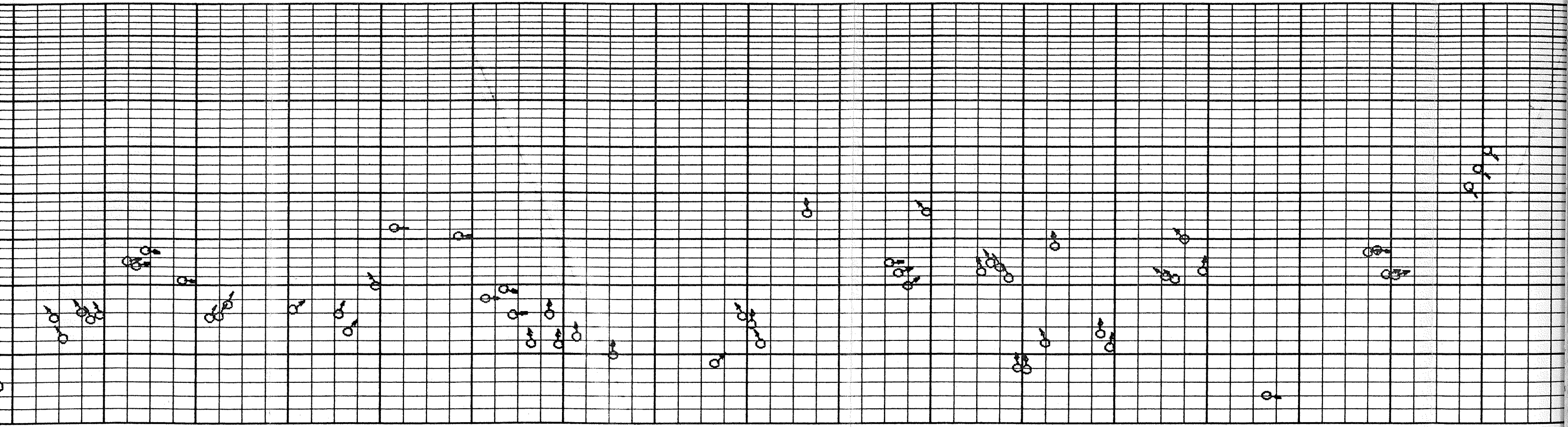
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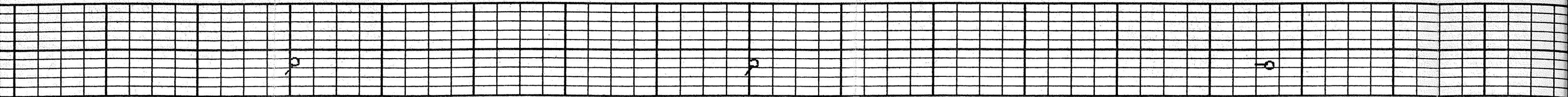


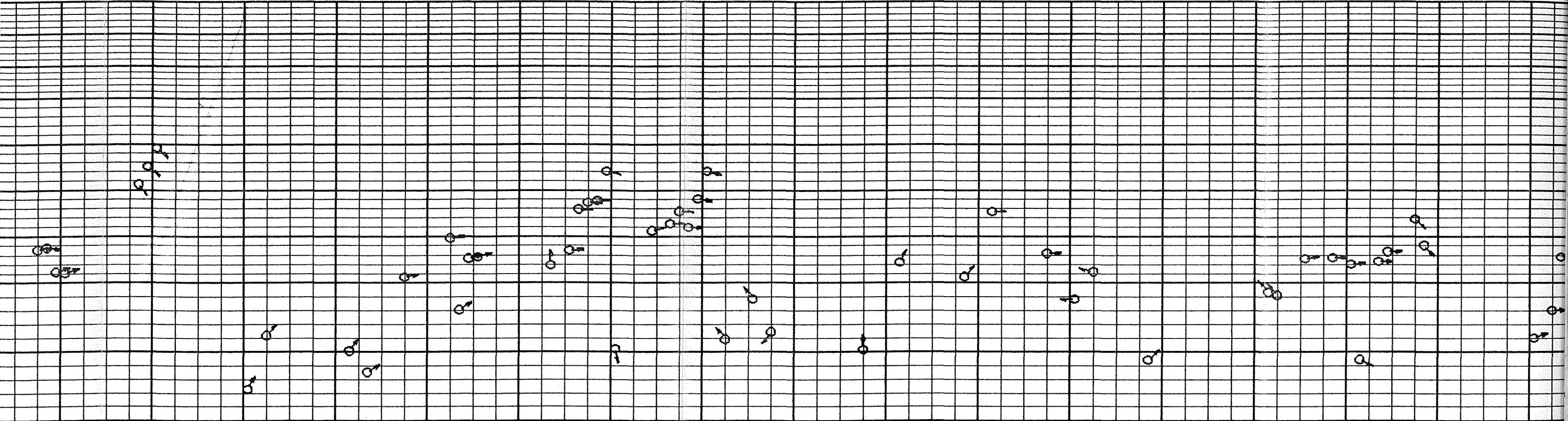
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4200

4300

ppp

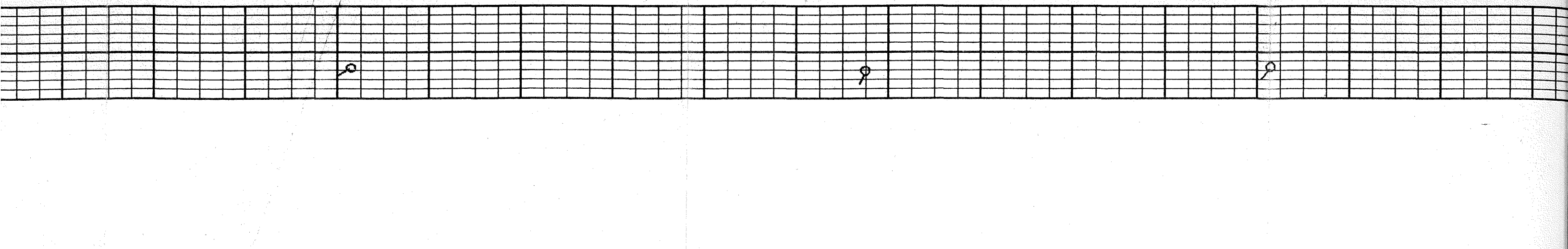


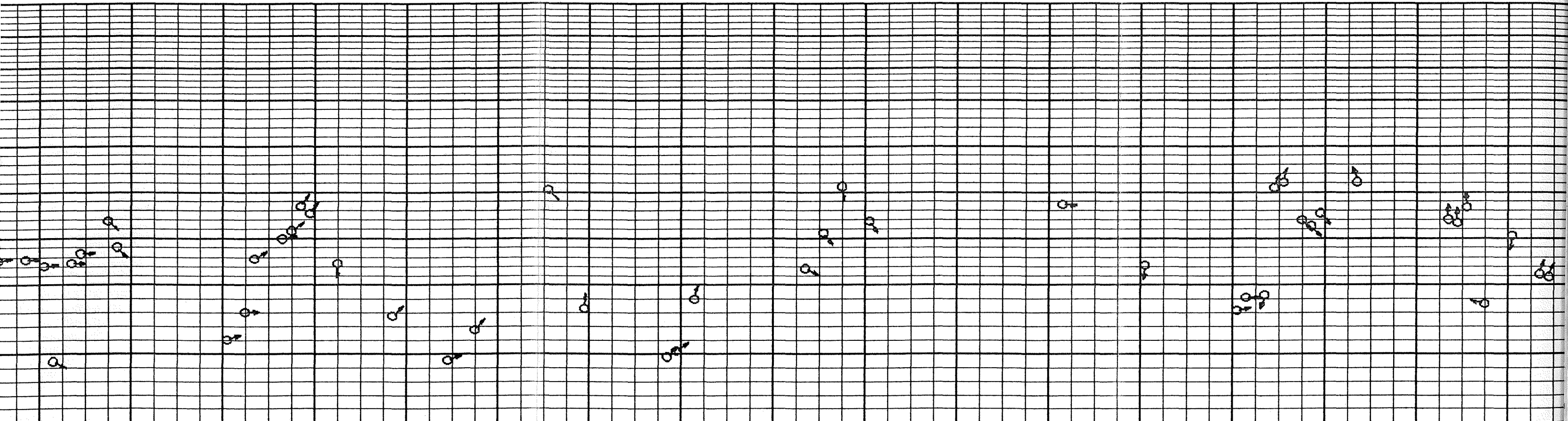


CO4th

CO5th

CO6th

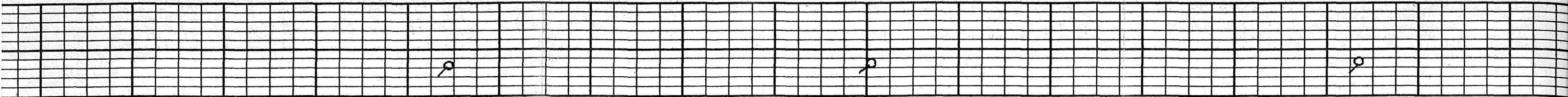


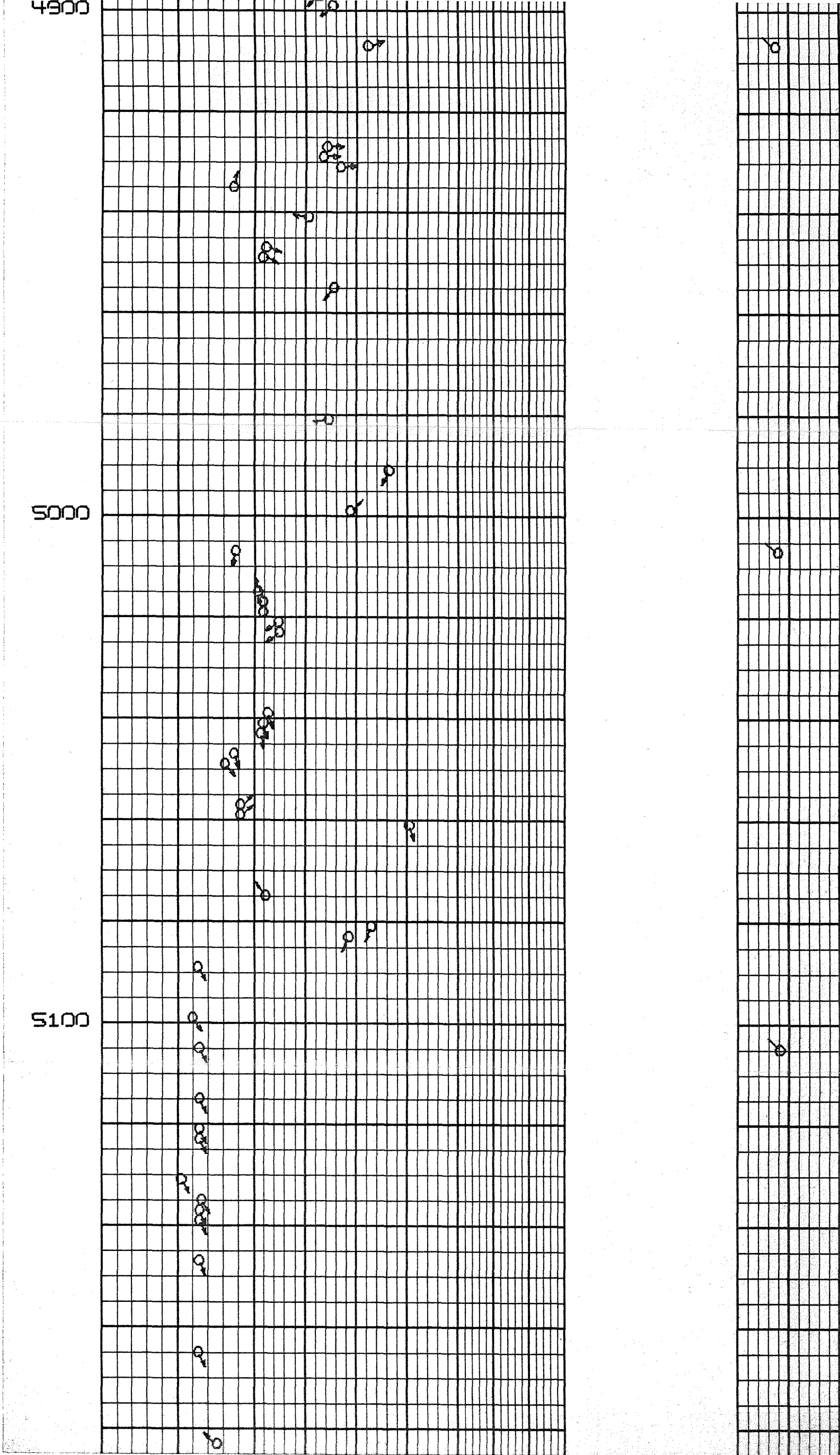


4700

4800

4900





Company	E. G. & G. IDAHO, INC.	Drillers T.D.	5212
Well	R.R.G.P. - 4A	Log F.R.	5186
Field	RAFT RIVER GEOTHERMAL	Log T.D.	5220
County	CASSIA	Elevations:	
State	IDAHO	K.B.	4856
		D.F.	4855
		G.L.	4840