

Schlumberger

**FOUR - ARM
HIGH RESOLUTION
CONTINUOUS DIPMETER
COMPUTED**

PROVINCE YUKON TERRITORY
 FIELD WILDCAT
 WELL PACIFIC IMP ET AL
ROLAND BAY YT L41
 COMPANY PACIFIC PETROLEUMS LTD.

COMPANY PACIFIC PETROLEUMS LTD.
 WELL PACIFIC IMP ET AL ROLAND BAY
 FIELD WILDCAT
 PROVINCE YUKON TERRITORY
 LOCATION 66° 20' 30" NORTH LAT
148° 50' 00" WEST LONG
 Permanent Datum GL Elev. 41
 Log Measured From FB 21.00 Ft. Above Perm. Datum
 Drilling Measured From _____
 Other Services DIPMETER
 ELEV. KB 5.1
 GL 1.1
 CBF _____

Date	<u>17 APR 73</u>	
Run No.	<u>ONE</u>	
Depth Driller	<u>9030</u>	
Depth Logger	<u>8980</u>	
Bitm. Log Interval	<u>8984</u>	
Top Log Interval	<u>5915</u>	
Casing Driller	<u>7965</u>	
Casing Logger	<u>5945</u>	
Bit Size	<u>8 1/2"</u>	
Type Fluid in Hole	<u>GL. CHEM</u>	
Dens	<u>9.0</u>	<u>108</u>
uH Fluid Loss	<u>9.0</u>	<u>4.8</u>
Source of Sample	<u>FLOWLINE</u>	
Rm @ Meas. Temp.	<u>@</u>	<u>@</u>
Rm @ Meas. Temp.	<u>@</u>	<u>@</u>
Rmc @ Meas. Temp.	<u>@</u>	<u>@</u>
Source Rm @ Rmc	<u>@</u>	<u>@</u>
Rm @ BHT	<u>@</u>	<u>@</u>
Time Since Circ.	<u>@</u>	<u>@</u>
Mat. Rec Temp.	<u>@</u>	<u>@</u>
Equipment	<u>C</u>	
Track No.	<u>707</u>	
Location	<u>ROLLER</u>	
Recorded By	<u>LEBR</u>	
Witnessed By	<u>ANDERSON</u>	

FOLD HERE THIS HEADING AND LOG CONFORMS TO API RP 31

Run No.	Tool Type	HDM No.	HDE No.	HDP No.	HDS No.	DPI No.	DDR No.	Computed By	Correlation Interval	Step	Search
<u>ONE</u>	<u>C</u>			<u>874</u>	<u>878</u>	<u>151</u>	<u>8743</u>	<u>EMR 7050</u>	<u>8'</u>	<u>4'</u>	<u>60°</u>

REMARKS _____
 1st Run Service Order # 10485
 Magnetic Declination 40°E

"Any directional computations made from the dipmeter must be regarded as approximate only. This is because the dipmeter log indicates the orientation of the instrument itself rather than the direction and amount of the wall drift. Therefore we do not and cannot guarantee the accuracy of such directional computations, and we shall not be liable nor responsible for any loss, costs, damages or expenses incurred or sustained that may result from any such computations."

TABLE OF VERTICAL DISPLACEMENT IN FEET CORRESPONDING TO VARIOUS HORIZONTAL DISTANCES AND ANGLES OF DIP

DIP ANGLES (degrees)	VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF			DIP ANGLES (degrees)	VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF		
	100'	1000'	1 mile (5280')		100'	1000'	1 mile (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	2027
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		57.7	577	3048

2	3.5	35	184	20	36.4	364	1922
3	5.2	52	277	21	38.4	384	2027
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	1122	50	119.2	1192	6293
13	23.1	231	1219	55	142.8	1428	7540
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

To obtain vertical displacements corresponding to multiples of hundreds of feet, thousands of feet or miles, multiply the number found in the table by the number of hundreds, thousands or miles.

Example: The formation dip is 16 degrees. The vertical displacement occurring at a spot 660 feet away from the well is desired. The table shows 28.7 feet per 100 feet for 16 dip. Therefore $28.7 \times 6.60 = 189.42$, or 189 feet.



GRAPHIC PRESENTATION

CORRELATION RATING

- GOOD
- FAIR
- ✕ POOR

DEPTHS

TRUE DIP ANGLE

DRIFT &
TRUE DRIFT
DIRECTION
OF SONDE

0 10 20 30 40 50 60 70 80 90

0

5300

2932 FS 8460

6000

6100

6200



6200

6300



09 20°

6300

6400

6500

6600

6700

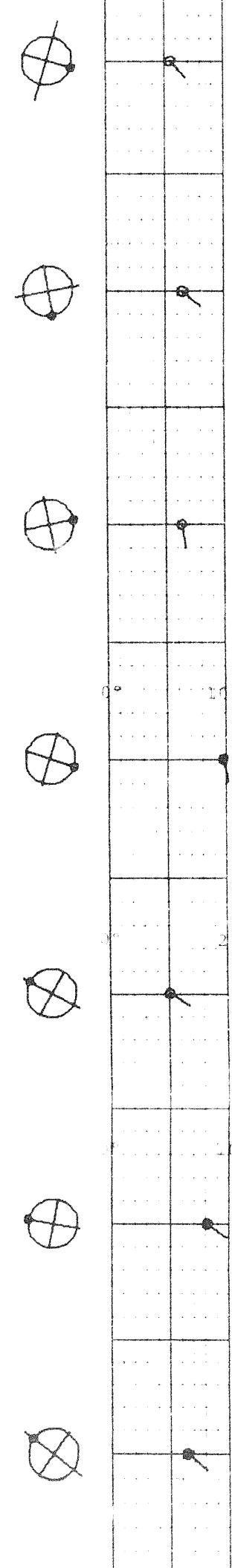
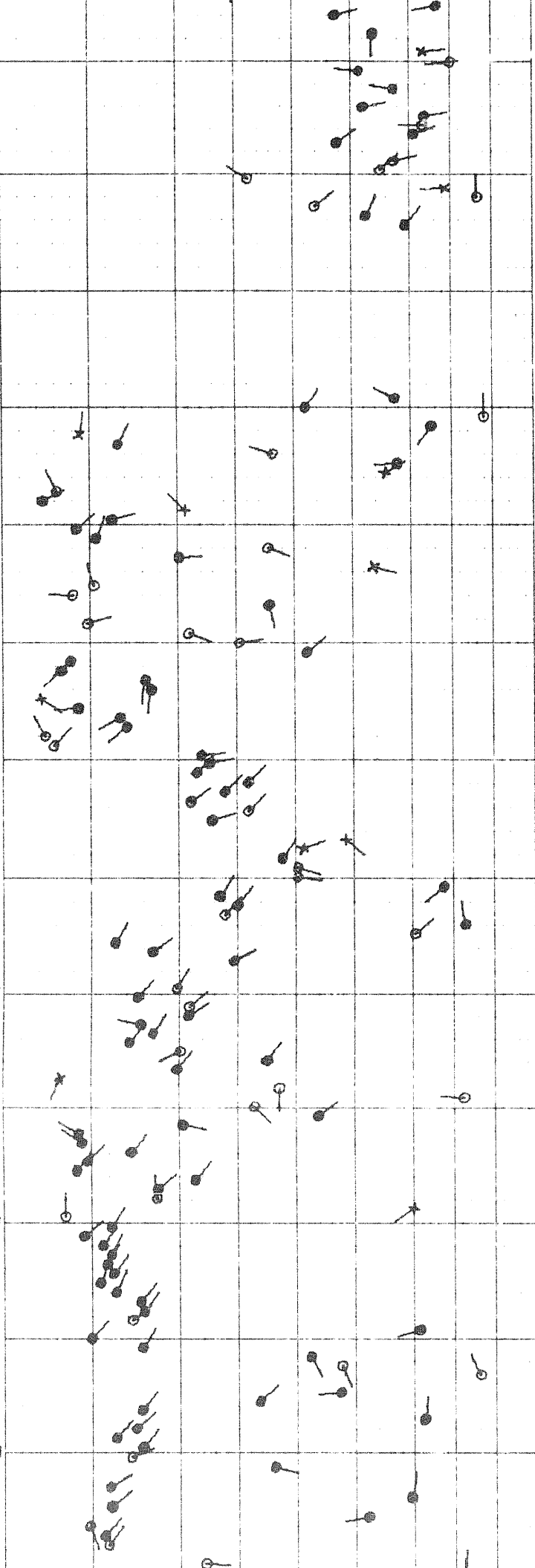


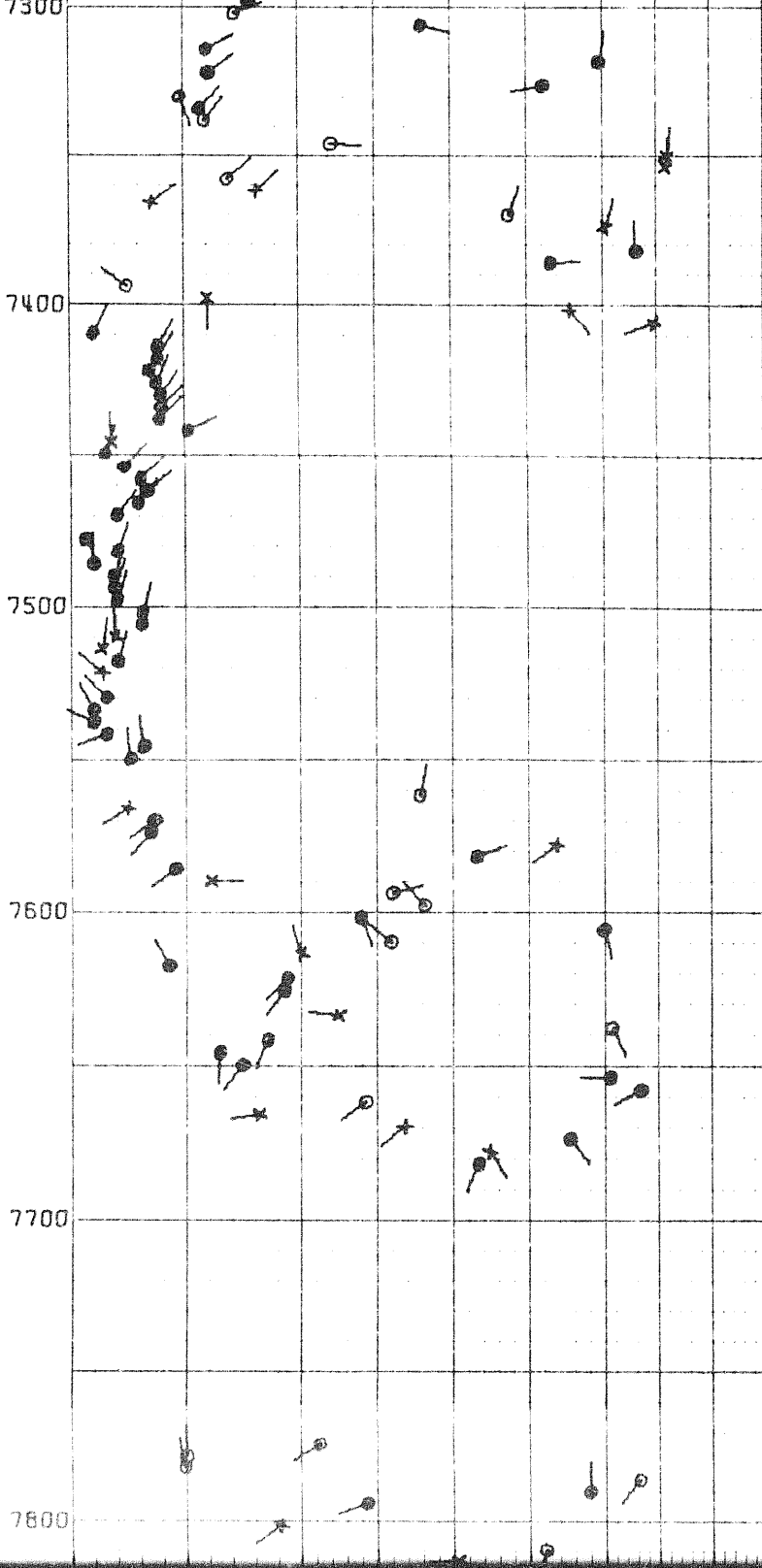
09 20°

09 20°

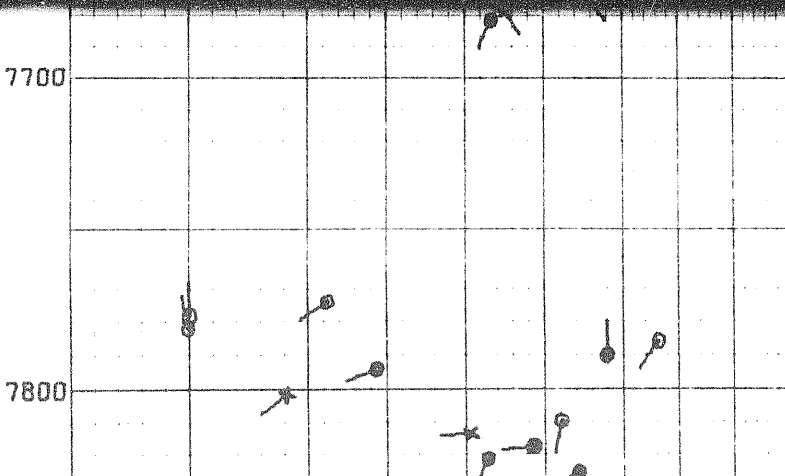
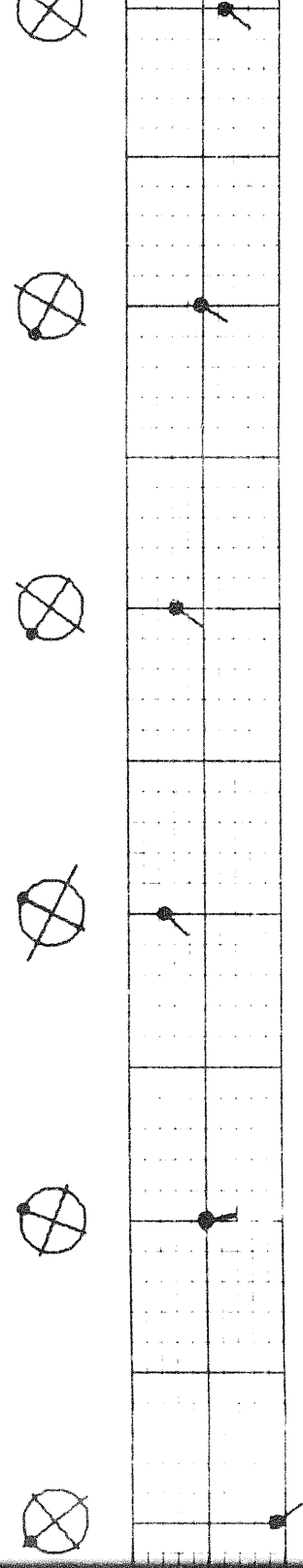
702

6700
6800
6900
7000
7100
7200
7300

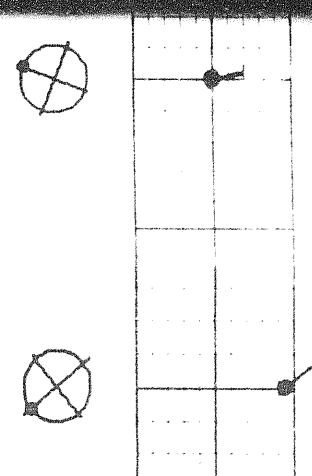




2932 F3 B



2932 F3 B460



932 F3 8460

7800

7900

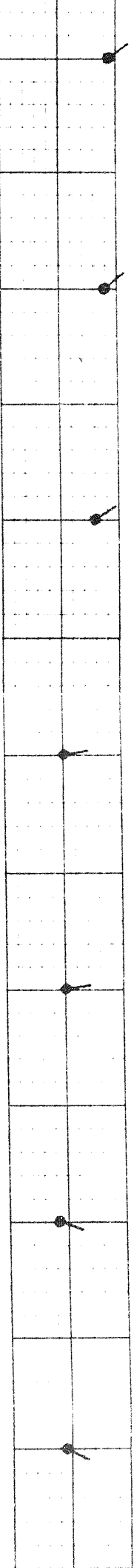
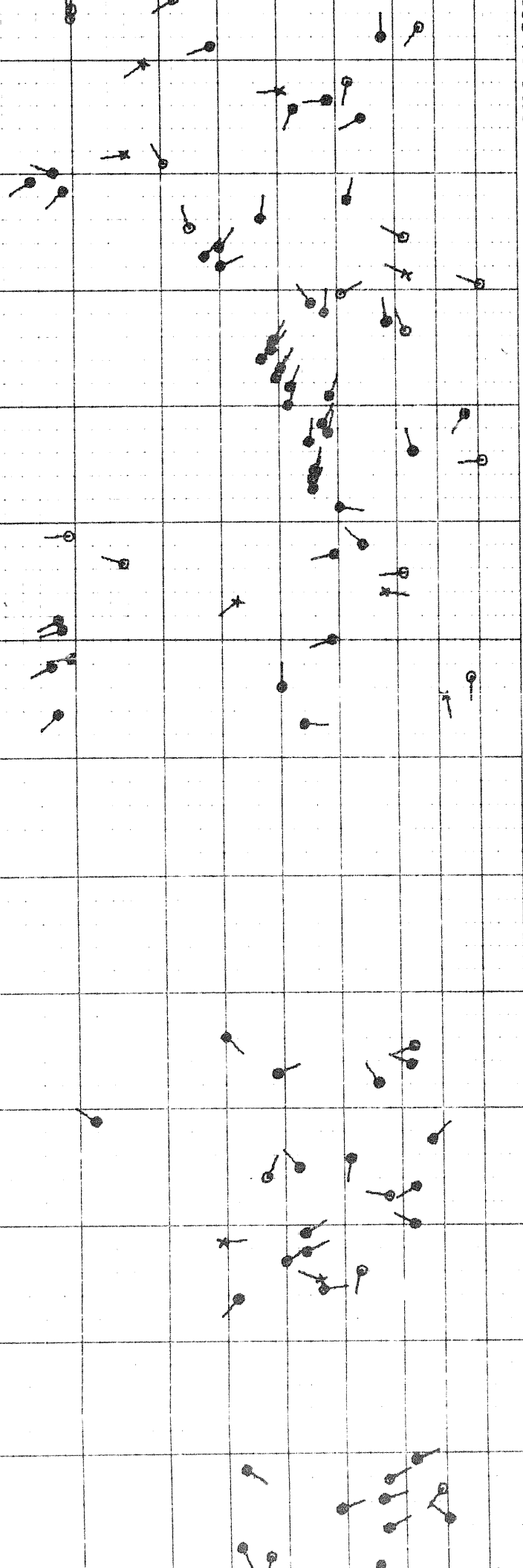
8000

8100

8200

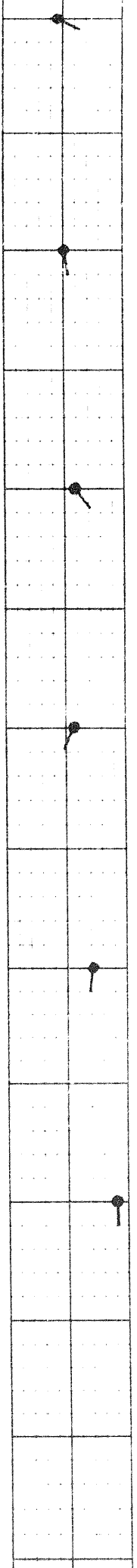
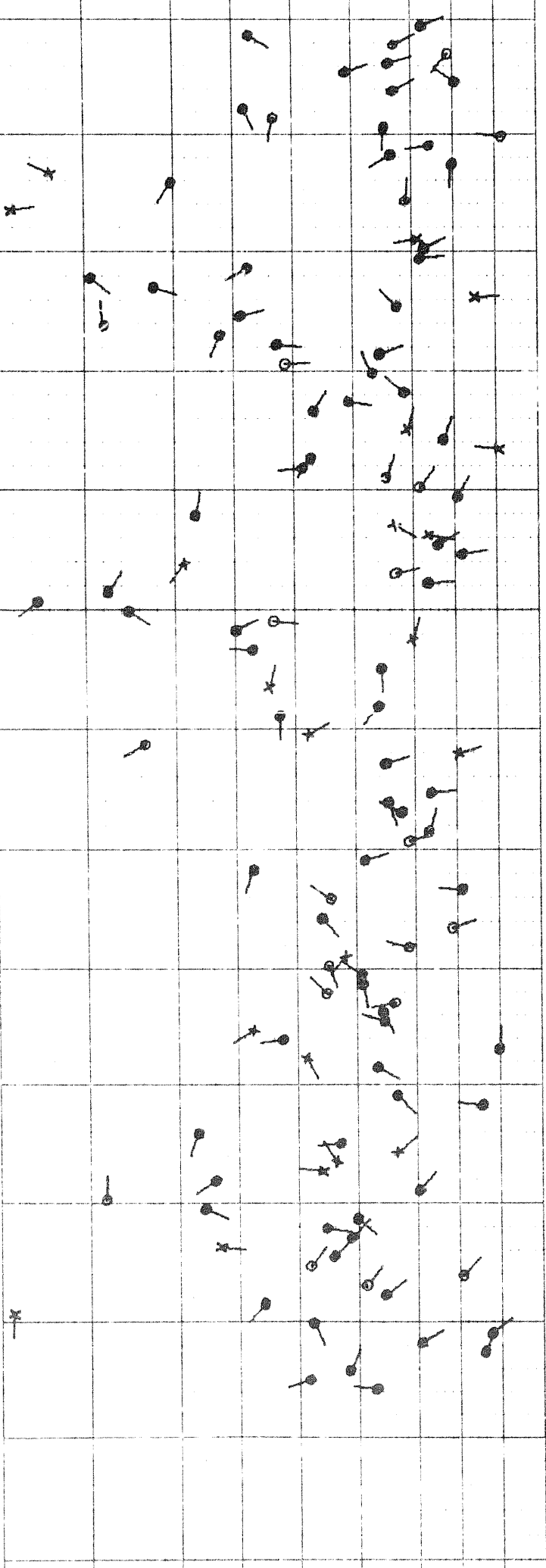
8300

8400



3/2/9

8400
8500
8600
8700
8800
8900
9000



8700

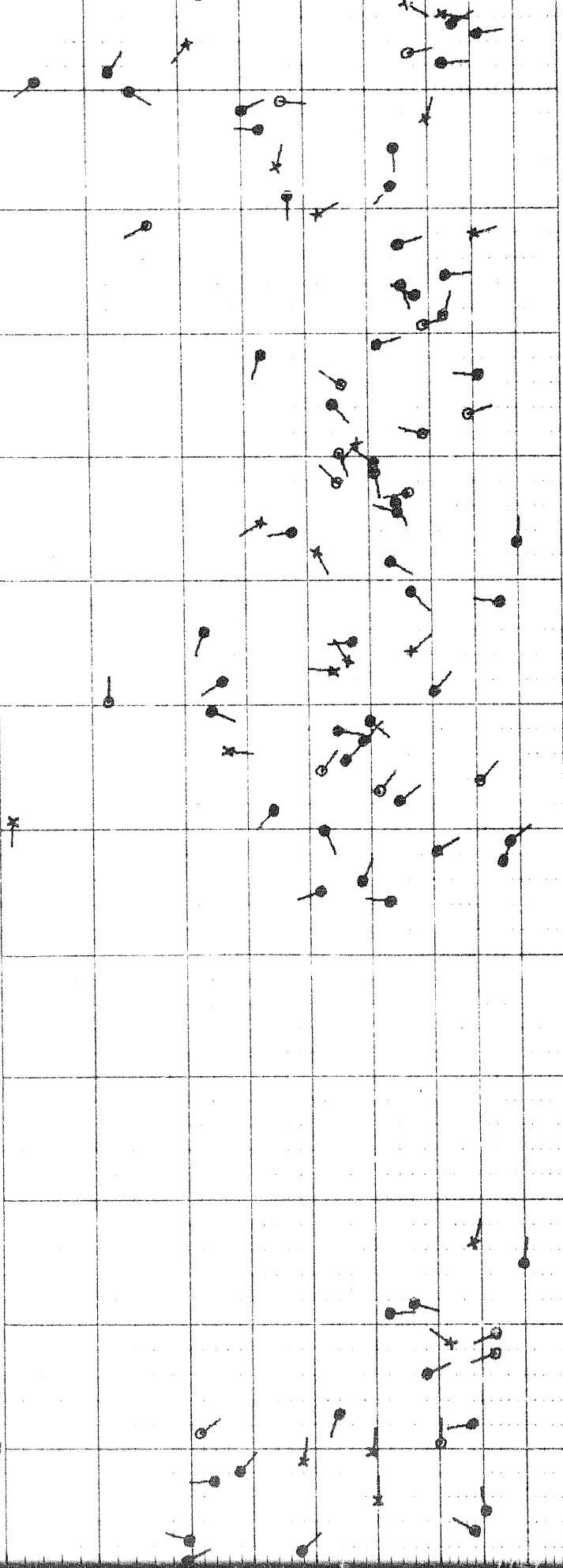
8800

8900

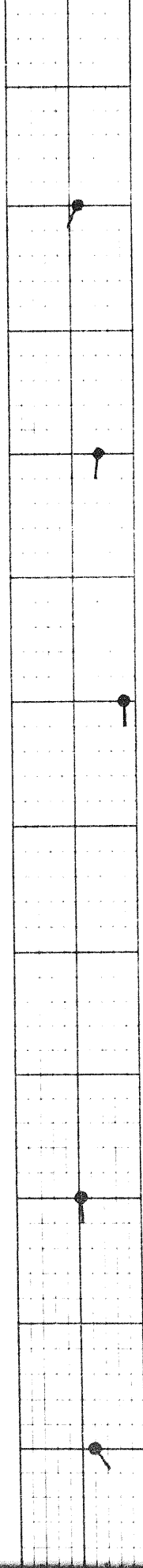
9000

8500

8600



2932 F2 8460



8300

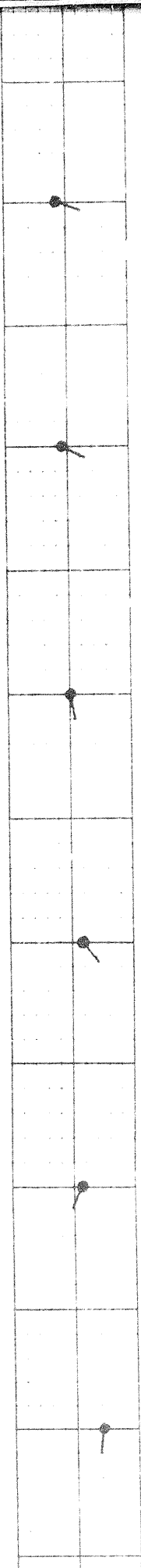
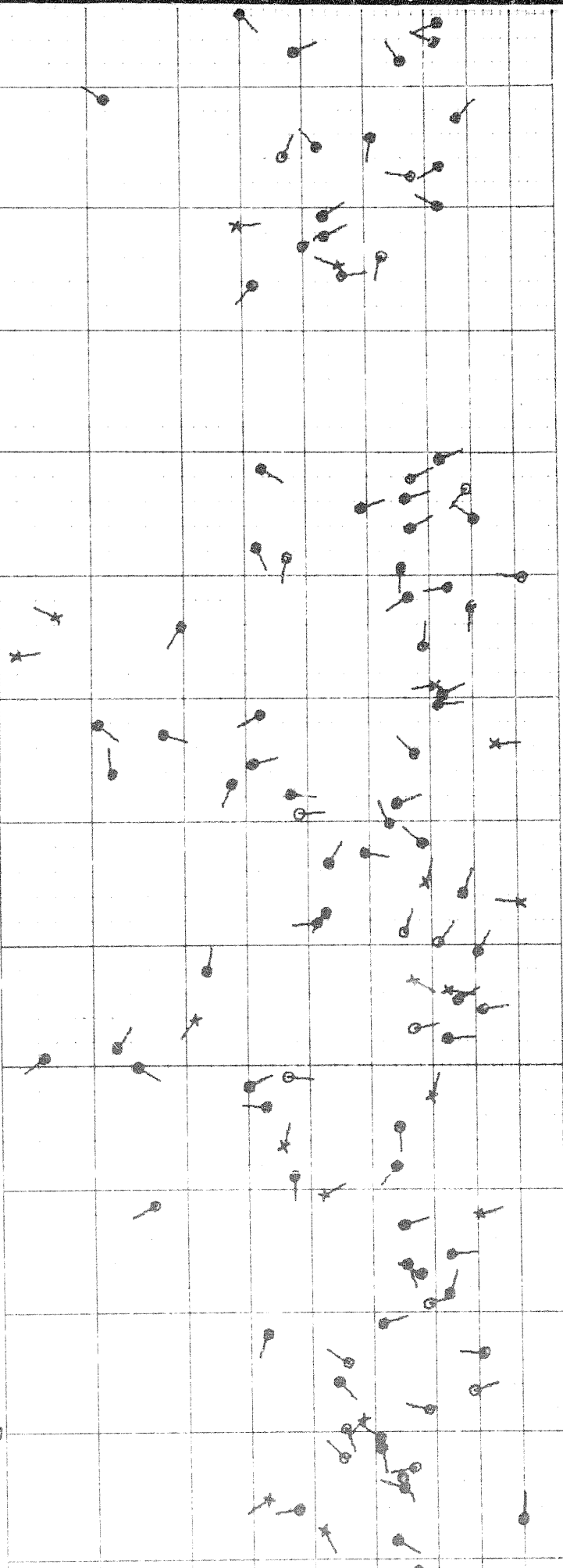
8400

8500

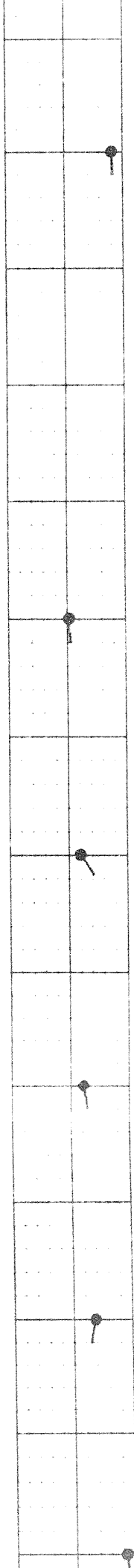
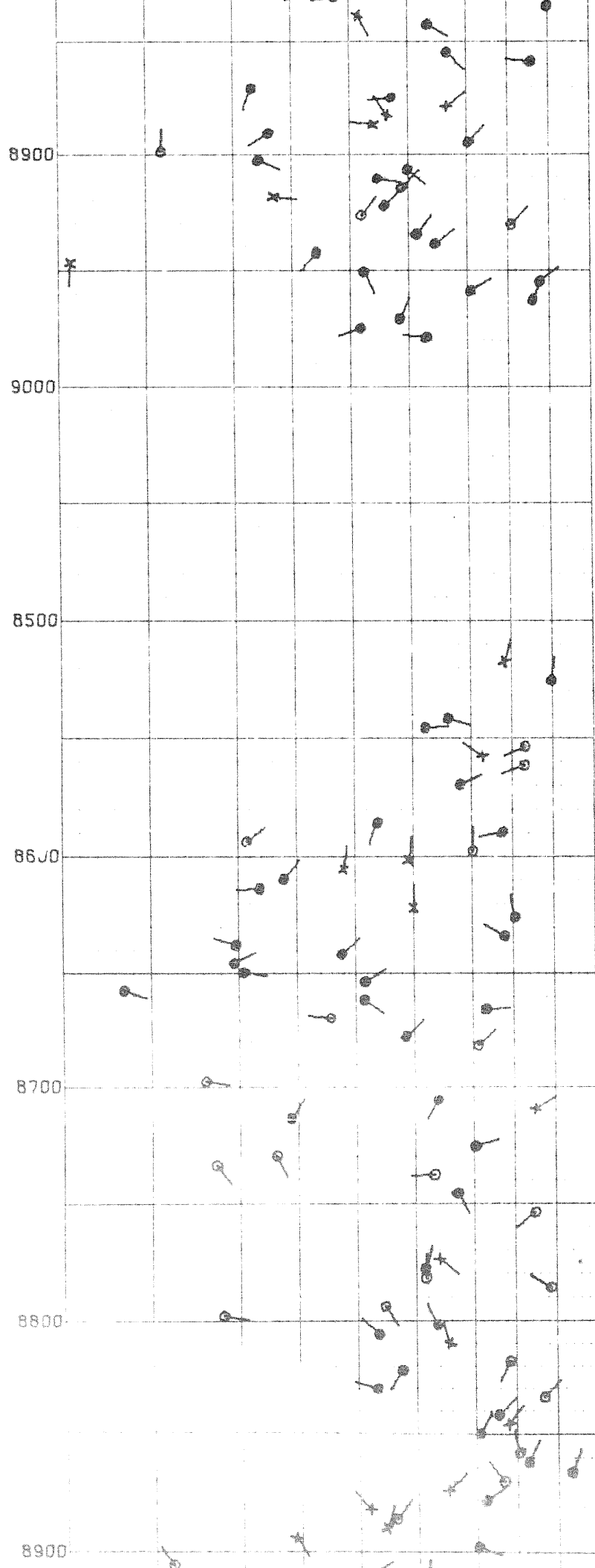
8600

8700

8800



47 to 49



932 F2 B460

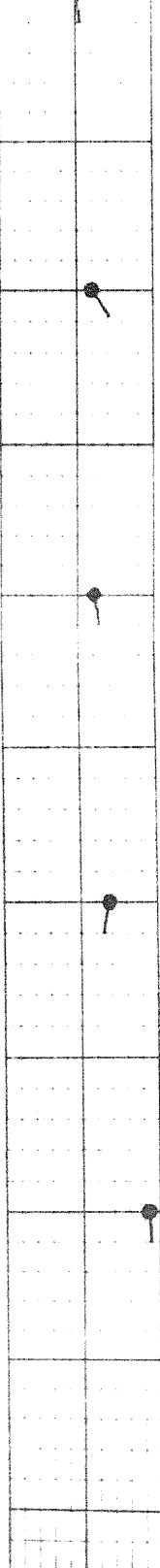
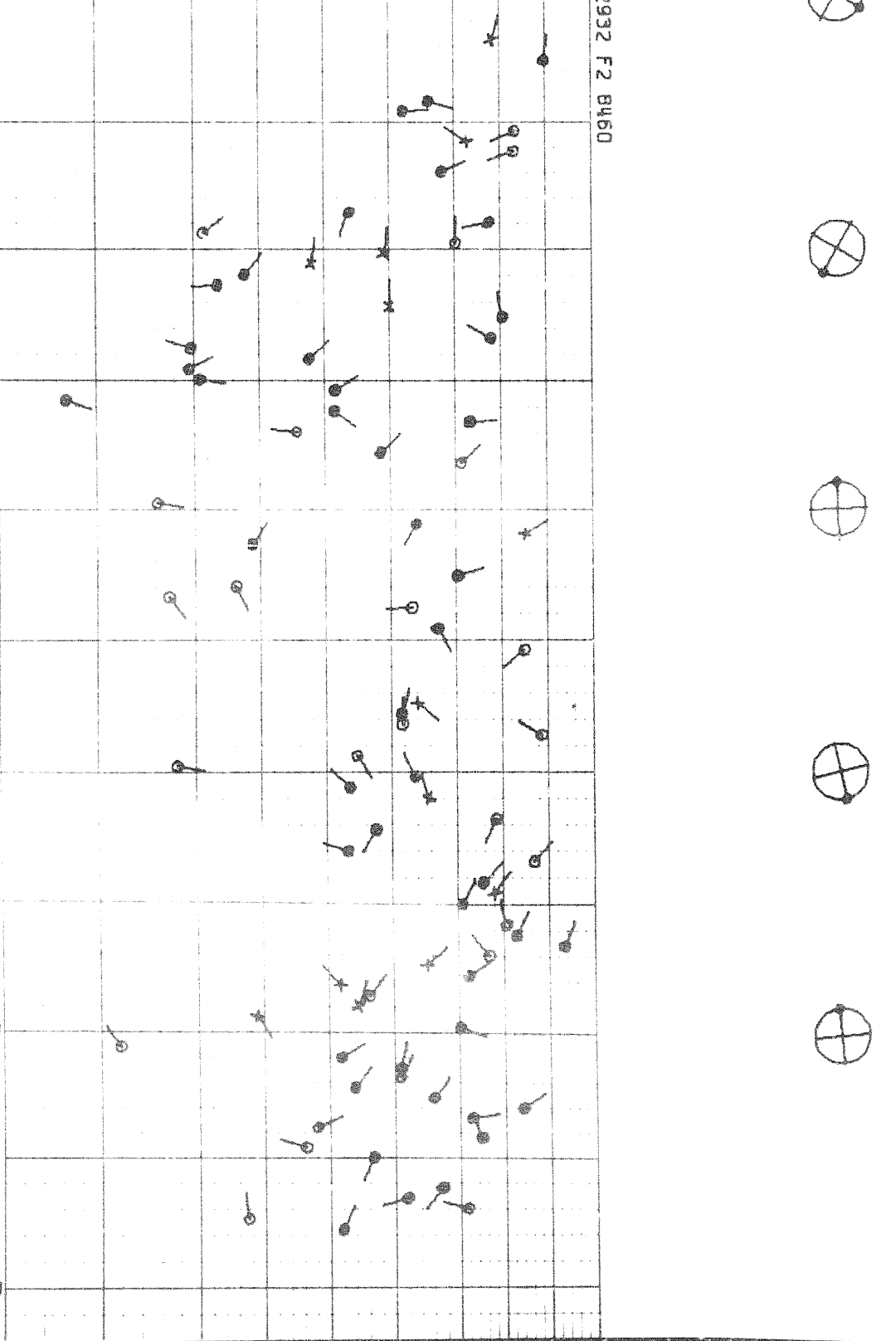
8650

8700

8800

8900

9000



DEPTH: _____ TRUE DIP ANGLE: _____

DRIFT & TRUE DRIFT DIRECTION OF SONDE

COMPANY: _____
 NO.: _____
 FIELD: _____ PROVINCE: _____

