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Battery Span/Crosswall Temperatures
Dated: March 1981

Recovered from site on Jan 30 2021

BATTERY NO.1 SPAN TEMPERATURES.

IS-7#38

DATE **3/29/81**

TIME **3-11 Shift**

FUEL GAS		'A' AVERAGES °F	
PRESSURE - mm H ₂ O.	134 MM	PSO	2468
FLOW - FT ³ /HR.	190 M	PSI	2545
TEMP - °F.	132°	CSI	2569
STACK		CSD	
DRAFT - mm H ₂ O.	16.5 MM	'A' SEC. AVG.	2538
WASTE HEAT - °F.	605°	'B' AVERAGES °F.	
BASEMENT PRESS. mm H ₂ O.	-1.5 MM	PSO	2435
INNER ZONE TEMP AVG °F.	2552	PSI	2527
OUTER ZONE TEMP AVG °F.	2512	CSI	2568
BATTERY AVG TEMP °F.	2532	CSD	2578
HEATER.		'B' SEC. AVG	
		2527	

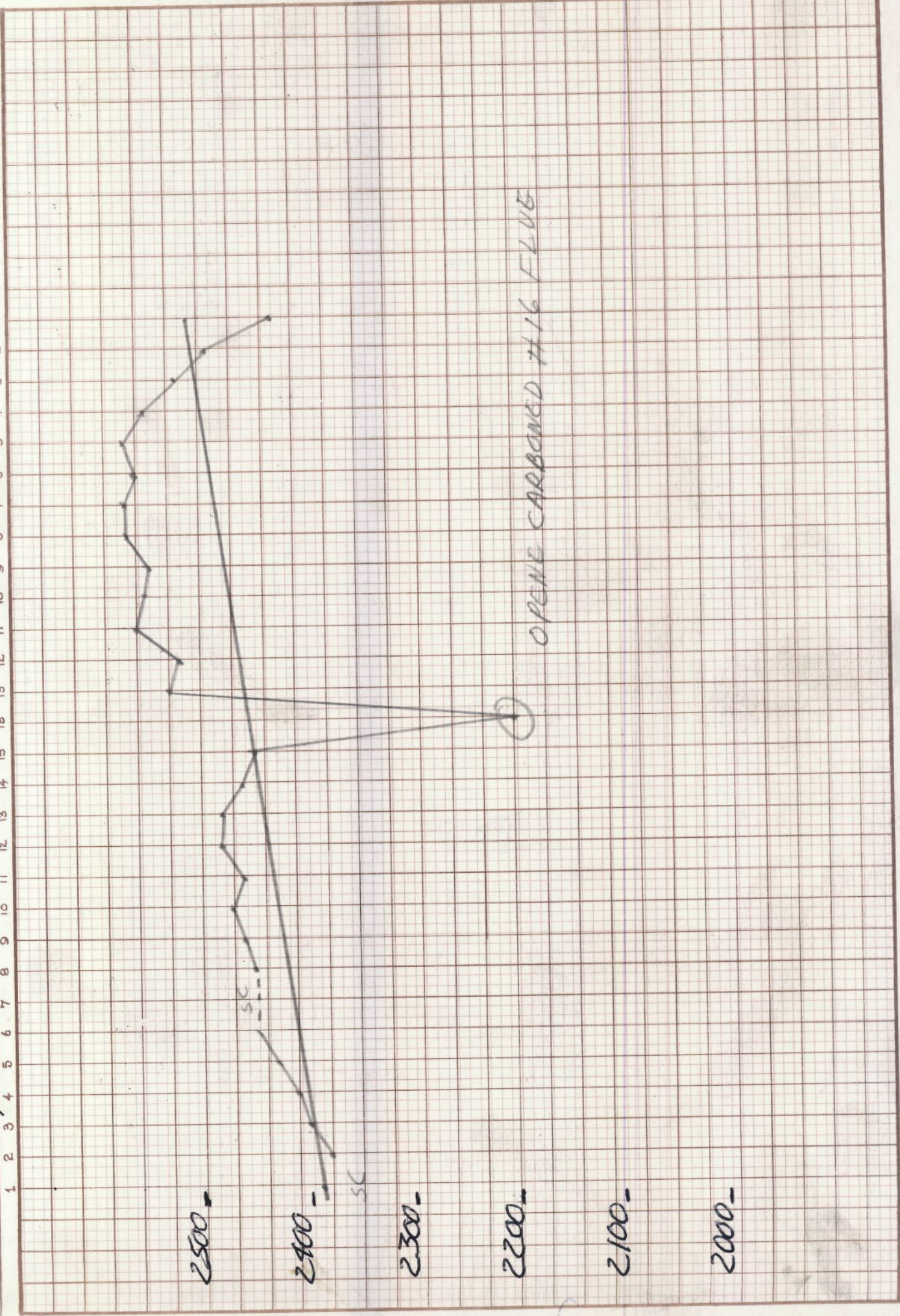
GROSSWALL TEMPERATURES °F.

FLUE NO.	WALL NO.	WALL NO.	WALL NO.	WALL NO.
PS 1	Stack	A20	A22	
2	2380	2370		
3	2400	2430		
4	2410	2430		
5	2430	2450		
6	2450	2460		
7	Stack	2470		
8	2450	2500		
9	2460	2490		
10	2470	2480		
11	2460	2480		
12	2480	2490		
13	2480	2500		
14	2460	2500		
15	2450	2510		
16	2400	2530		
13	2530	2530		
12	2520	2540		
11	2560	2550		
10	2550	2550		
9	2550	2570		
8	2570	2560		
7	2570	2560		
6	2560	2550		
5	2570	2550		
4	2550	2530		
3	2520	2520		
2	2490	2490		
1	2430	2400		

	#5 PSO	#11 PSI	#11 CSI	#5 CSD
A1	2475	2545	2555	2585
A2	2415	2535	2555	2575
A3	2485	2565	2545	2585
A4	2495	2565	2555	2575
A5	2505	2555	2565	2565
A6	2505	2575	2575	2575
A7	2505	2585	2565	2575
A8	2505	2585	2585	2565
A9	2465	2595	2595	2545
A10	2455	2555	2595	2555
A11	2465	2515	2585	2575
A12	2465	2525	2575	2575
A13	2475	2585	2585	2565
A14	2465	2545	2565	2565
A15	2485	2565	2555	2575
A16	2455	2535	2545	2595
A17	2465	2535	2545	2565
A18	2435	2545	2565	2565
A19	2455	2545	2565	2545
A20	2465	2495	2575	2585
A21	2425	2565	2575	2545
A22	2485	2515	2555	2545
A23	2465	2515	2575	2585
A24	2465	2495	2585	2565
A25	2475	2505	2575	2595
B1	2435	2515	2565	2575
B2	2465	2515	2585	2595
B3	2465	2535	2575	2595
B4	2435	2545	2575	2575
B5	2465	2525	2565	2575
B6	2475	2535	2585	2585
B7	2445	2515	2575	2585
B8	2465	2515	2565	2565
B9	2445	2495	2565	2555
B10	2455	2495	2555	2565
B11	2465	2515	2545	2565
B12	2435	2515	2565	2555
B13	2415	2525	2555	2575
B14	2415	2525	2575	2575
B15	2435	2545	2565	2595
B16	2435	2545	2585	2575
B17	2435	2515	2575	2595
B18	2415	2535	2595	2585
B19	2425	2545	2595	2595
B20	2435	2545	2585	2565
B21	2395	2535	2565	2585
B22	2415	2545	2575	2575
B23	2415	2535	2565	2585
B24	2415	2525	2585	2575
B25	2465	2545	2565	2575
B25E	2415	2555	2565	2585

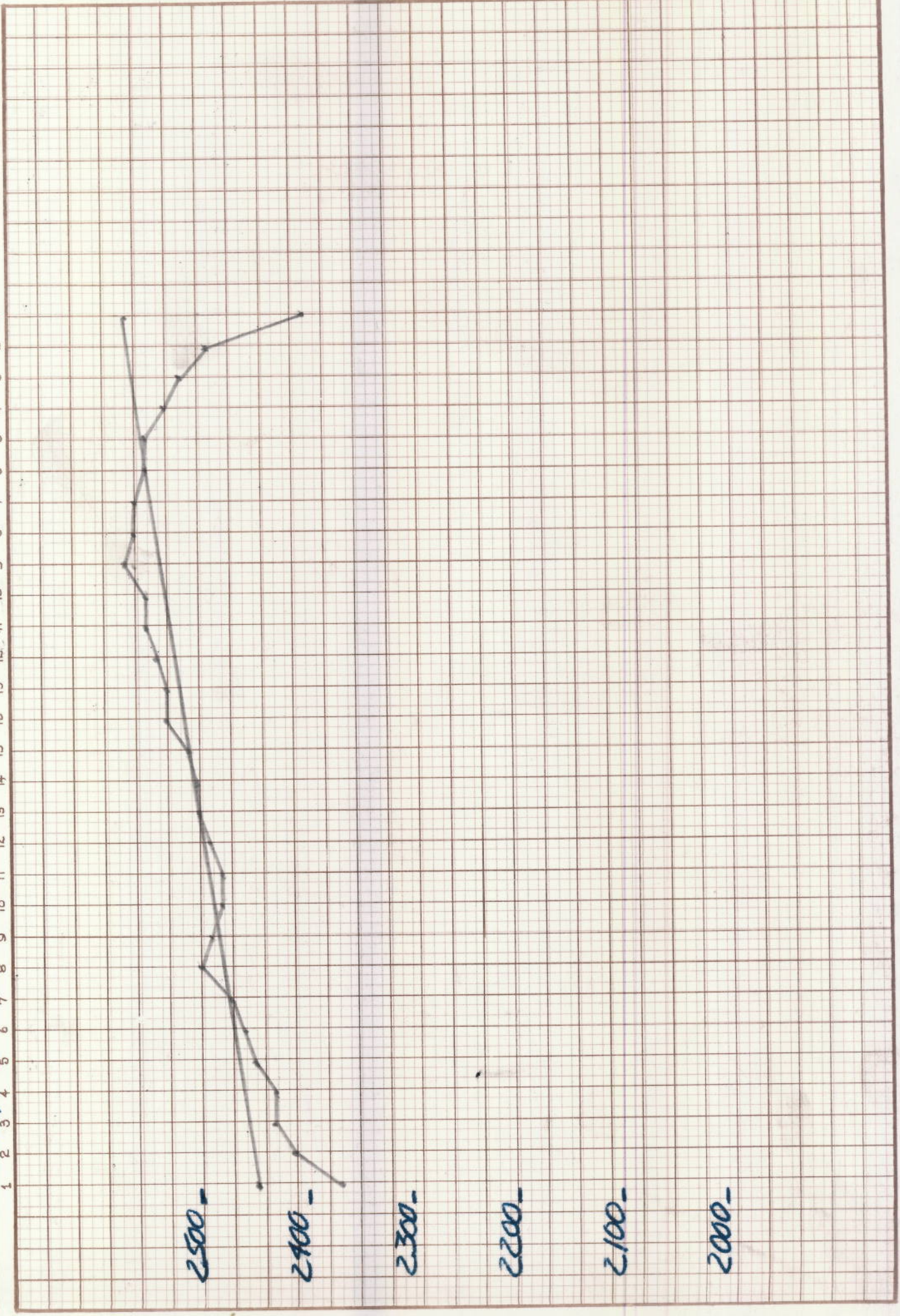
CROSSWALL GRAPH

15-7682	DATE	3-29-81	TURN	3-11	WALL NUMBER	A2 ⊕	BATTERY NUMBER	1
	COG FLOW	190, MCF	COG PRESSURE	134 mm	STACK	16.5 mm	BASEMENT	-1.5 mm



CROSSWALL GRAPH

15-7682	DATE	TURN	WALL NUMBER	BATTERY NUMBER
	3-29-81	3-11	A2C	1
	COG FLOW	COG PRESSURE	STACK	BASEMENT
	190, MCF	134 mm	16.5 man	-1.5 man



BATTERY NO. 2 SPAN TEMPERATURES.

15-7684

DATE	3/29/81	TIME	3-11 Shift
FUEL GAS		'C' AVERAGES °F	
PRESSURE - mm H ₂ O.	180 MM	P50	2435
FLOW - FT ³ /HR.	240 M	P51	2528
TEMP - °F.	124 °F	C51	2550
STACK		C50	2587
DRAFT - mm H ₂ O.	17.5 MM	'C' SEC. AVG.	2525
WASTE HEAT - °F.	595 °F	'D' AVERAGES °F	
BASEMENT PRESS mm H ₂ O.	1 MM	P60	2476
INNER ZONE TEMP AVG °F.	2542	P51	2552
OUTER ZONE TEMP AVG °F.	2520	C51	2540
BATTERY AVG TEMP °F.	2531	C50	2583
HEATER.		'D' SEC. AVG.	2537

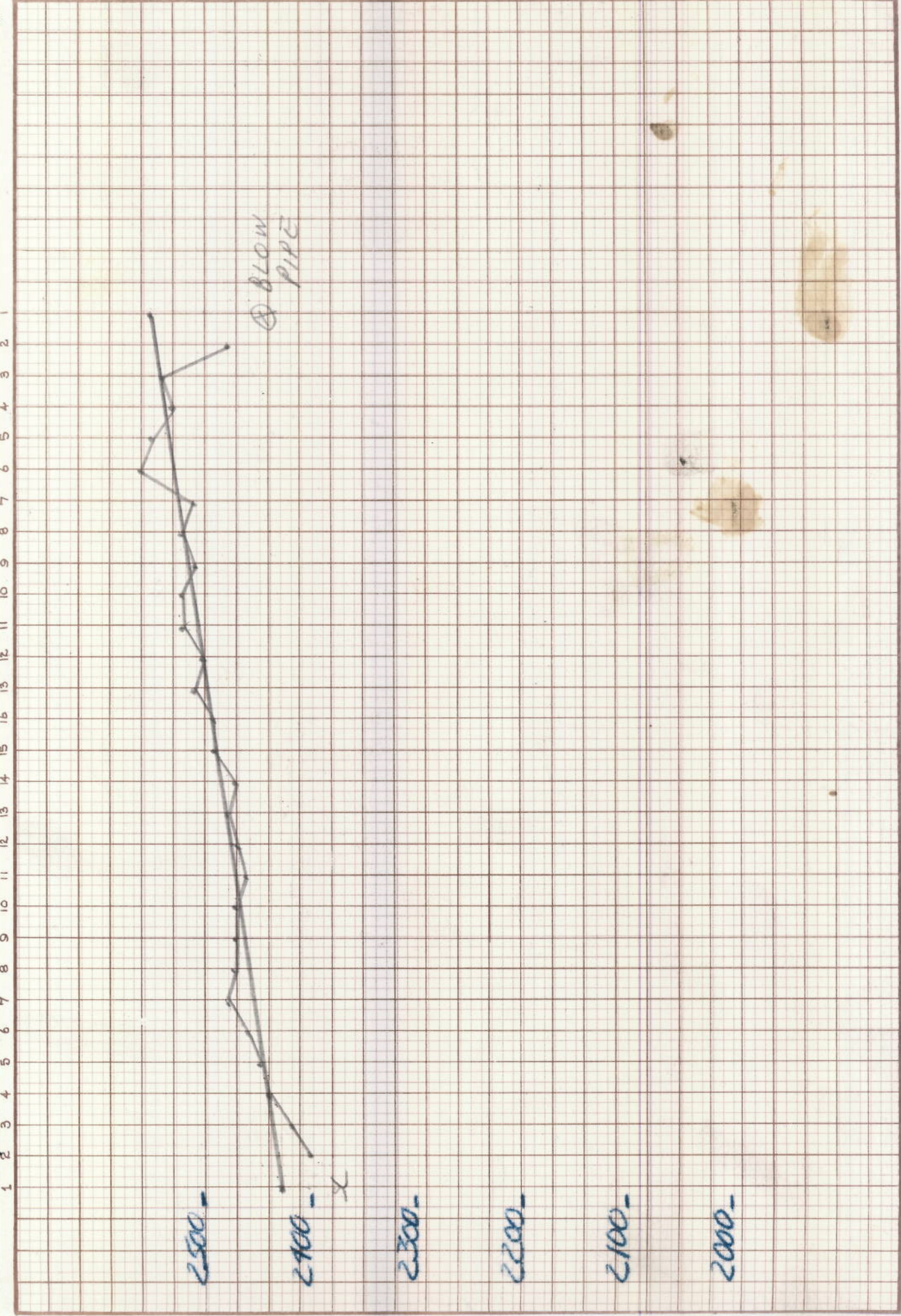
CROSSWALL TEMPERATURES °F					
FLUE NO.	WALL NO.	D12	WALL NO.	D14	WALL NO.
PS 1		Stack		Stack	
2		2400		2390	
3		2420		2410	
4		2440		2440	
5		2450		2450	
6		2460		Stack	
7		2480		"	
8		2470		2470	
9		2470		2460	
10		2470		2470	
11		2460		2470	
12		2470		2460	
13		2480		2470	
14		2470		2460	
15		2490		Stack	
16		2490		"	
13		2510		2490	
12		2500		2500	
11		2520		2500	
10		2520		2520	
9		2510		2520	
8		2520		2530	
7		2510		2540	
6		2560		2550	
5		2550		2570	
4		2530		2550	
3		2540		2530	
2		2480		Stack	
1		Blow pipe			

	#5 P50	#11 P51	#11 C51	#5 C50
C1	2425	2465	2465	2585
C2	2415	2505	2465	2595
C3	2415	2485	2495	2585
C4	2435	2495	2515	2595
C5	2445	2485	2525	2605
C6	2455	2495	2535	2585
C7	2485	2525	2525	2595
C8	2455	2485	2545	2565
C9	2435	2565	2595	2515
C10	2435	2555	2565	2535
C11	2425	2465	2595	2535
C12	2415	2565	2565	2575
C13	2405	2555	2555	2565
C14	2395	2545	2565	2565
C15	2425	2535	2575	2585
C16	2415	2525	2565	2595
C17	2415	2525	2535	2605
C18	2435	2515	2545	2585
C19	2455	2495	2555	2565
C20	2445	2515	2535	2585
C21	2465	2535	2555	2595
C22	2445	2545	2555	2595
C23	2445	2565	2535	2595
C24	2445	2575	2545	2605
C25	2435	2525	2565	2585
D1	2435	2555	2595	2595
D2	2445	2545	2565	2575
D3	2445	2555	2545	2565
D4	2465	2565	2555	2555
D5	2445	2575	2565	2555
D6	2465	2545	2545	2565
D7	2465	2565	2575	2575
D8	2445	2565	2585	2585
D9	2475	2565	2555	2555
D10	2505	2555	2565	2575
D11	2505	2565	2555	2565
D12	2485	2495	2535	2565
D13	2475	2525	2525	2595
D14	2475	2505	2515	2585
D15	2465	2525	2505	2605
D16	2465	2535	2515	2615
D17	2485	2555	2505	2605
D18	2475	2565	256	2565
D19	2465	2545	2515	2595
D20	2485	2565	2525	2595
D21	2505	2575	2465	2585
D22	2485	2565	2535	2595
D23	2505	2575	2545	2605
D24	2515	2565	2535	2605
D25	2495	2555	2545	2595
D25E	2485	2545	2555	2575

CROSSWALL GRAPH

15-7682

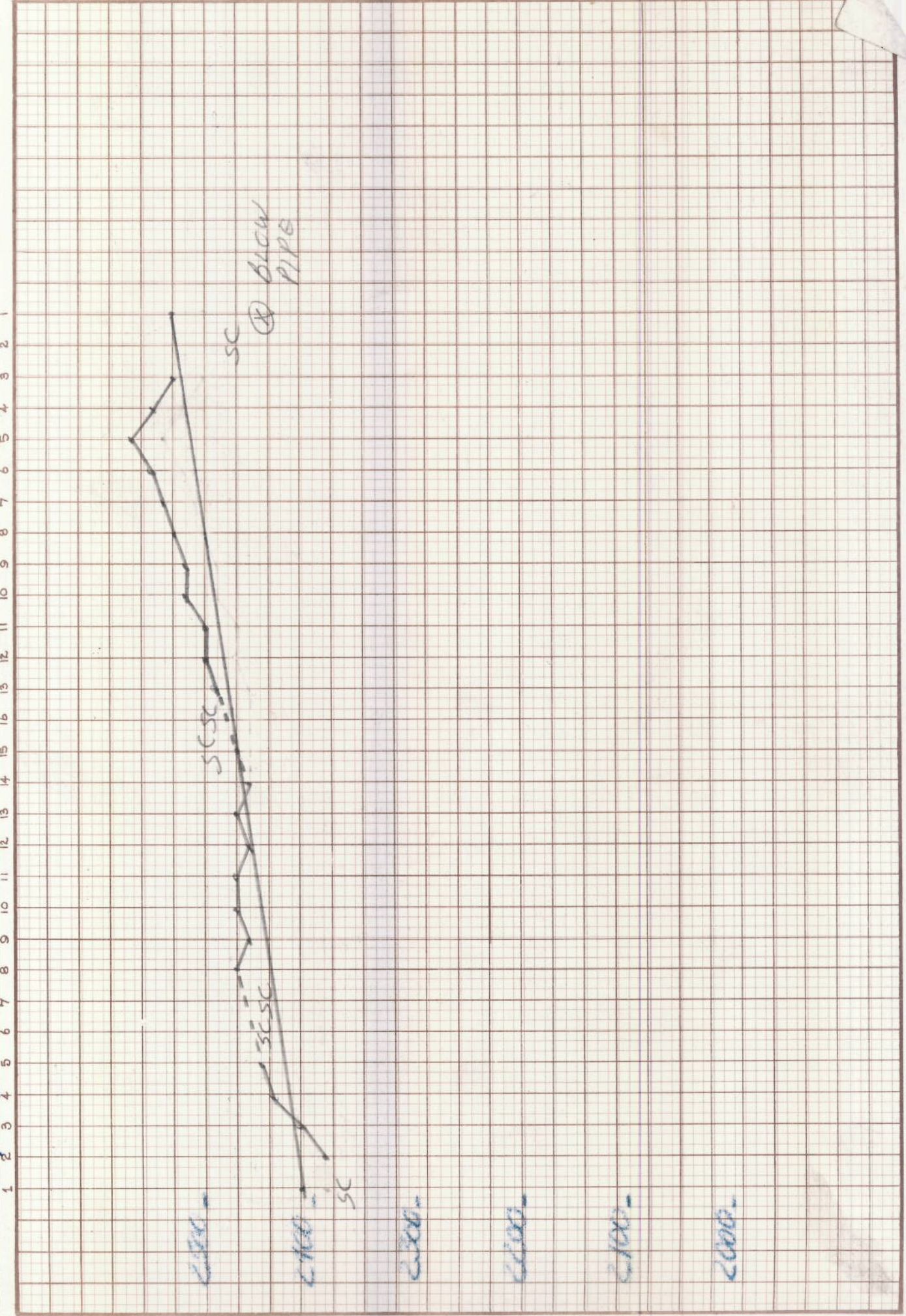
DATE	TURN	WALL NUMBER	BATTERY NUMBER
3-29-81	3-11	D12	2
COG FLOW	COG PRESSURE	STACK	BASEMENT
290 MCF	180 mm	17.5 mm	-1.0 mm



CROSSWALL GRAPH

15-7682

DATE 3-21-81	TURN 2-11	WALL NUMBER D14	BATTERY NUMBER 2
COG FLOW 240 MCF	COG PRESSURE 180 mm	STACK 17.5 mm	BASEMENT -1.0 mm



BATTERY NO.1 SPAN TEMPERATURES.

IS-7688

DATE	3-29-81	TIME	7-3
FUEL GAS	'A' AVERAGES °F		
PRESSURE - mm H ₂ O.	140	PSO	2471
FLOW - FT ³ /HR.	200,000	PSI	2533
TEMP - °F.	130°	CSI	2566
STACK		CSD	2599
DRAFT - mm H ₂ O.	17	'A' SEC. AVG.	2542
WASTE HEAT - °F.	605°	'B' AVERAGES °F.	
BASEMENT PRESS. mm H ₂ O.	2.0	PSO	2473
INNER ZONE TEMP AVG °F.	2555	PSI	2532
OUTER ZONE TEMP AVG °F.	2536	CSI	2591
BATTERY AVG TEMP °F.	2545	CSD	2604
HEATER.		'B' SEC. AVG.	2549

CROSSWALL TEMPERATURES °F.

FLUE NO.	WALL NO. A2	WALL NO. A4	WALL NO.	WALL NO.
PS 1	2340	2410		
2	2360	2460		
3	2360	2450		
4	2400	2450		
5	2430	2470		
6	Stack	2480		
7	2450	2490		
8	2440	2470		
9	2560	2470		
10	2570	2480		
11	2560	2500		
12	2580	2500		
13	2560	2520		
14	2560	2540		
15	2590	2540		
16	2570	2530		
13	2580	2550		
12	2590	2560		
11	2560	2570		
10	2550	2560		
9	2560	2560		
8	2570	2550		
7	2580	2570		
6	2560	2590		
5	2590	2600		
4	2580	2550		
3	2540	2550		
2	2480	2520		
1	2370	2430		

OUT GAS FLOW 5000

	#5 PSO	#11 PSI	#1 CSI	#5 CSD
A1	2405	2525	2545	2555
A2	2465	2595	2575	2605
A3	2505	2515	2565	2585
A4	2505	2535	2585	2615
A5	2505	2555	2595	2635
A6	2475	2585	2565	2625
A7	2505	2555	2555	2655
A8	2505	2555	2575	2625
A9	2465	2535	2615	2515
A10	2495	2525	2575	2585
A11	2475	2575	2555	2595
A12	2475	2435	2585	2595
A13	2465	2545	2595	2615
A14	2445	2575	2595	2615
A15	2445	2575	2575	2585
A16	2475	2535	2535	2595
A17	2445	2585	2545	2615
A18	2485	2555	2575	2615
A19	2505	2575	2585	2575
A20	2505	2575	2565	2575
A21	2395	2545	2555	2565
A22	2415	2495	2545	2595
A23	2465	2495	2575	2575
A24	2445	2445	2585	2605
A25	2445	2435	2525	2615
B1	2455	2515	2555	2595
B2	2445	2565	2495	2635
B3	2535	2575	2635	2655
B4	2495	2545	2635	2615
B5	2505	2565	2625	2595
B6	2495	2555	2625	2655
B7	2495	2555	2655	2655
B8	2465	2535	2615	2645
B9	2425	2515	2605	2605
B10	2495	2455	2585	2615
B11	2505	2575	2575	2515
B12	2475	2535	2535	2585
B13	2435	2535	2575	2565
B14	2425	2515	2585	2615
B15	2385	2575	2595	2635
B16	2455	2565	2615	2615
B17	2445	2535	2605	2615
B18	2515	2595	2645	2635
B19	2495	2535	2625	2615
B20	2495	2535	2595	2605
B21	2475	2485	2575	2565
B22	2505	2495	2545	2575
B23	2485	2465	2565	2565
B24	2445	2485	2595	2575
B25	2485	2495	2515	2555
B25E	2475	2485	2535	2545

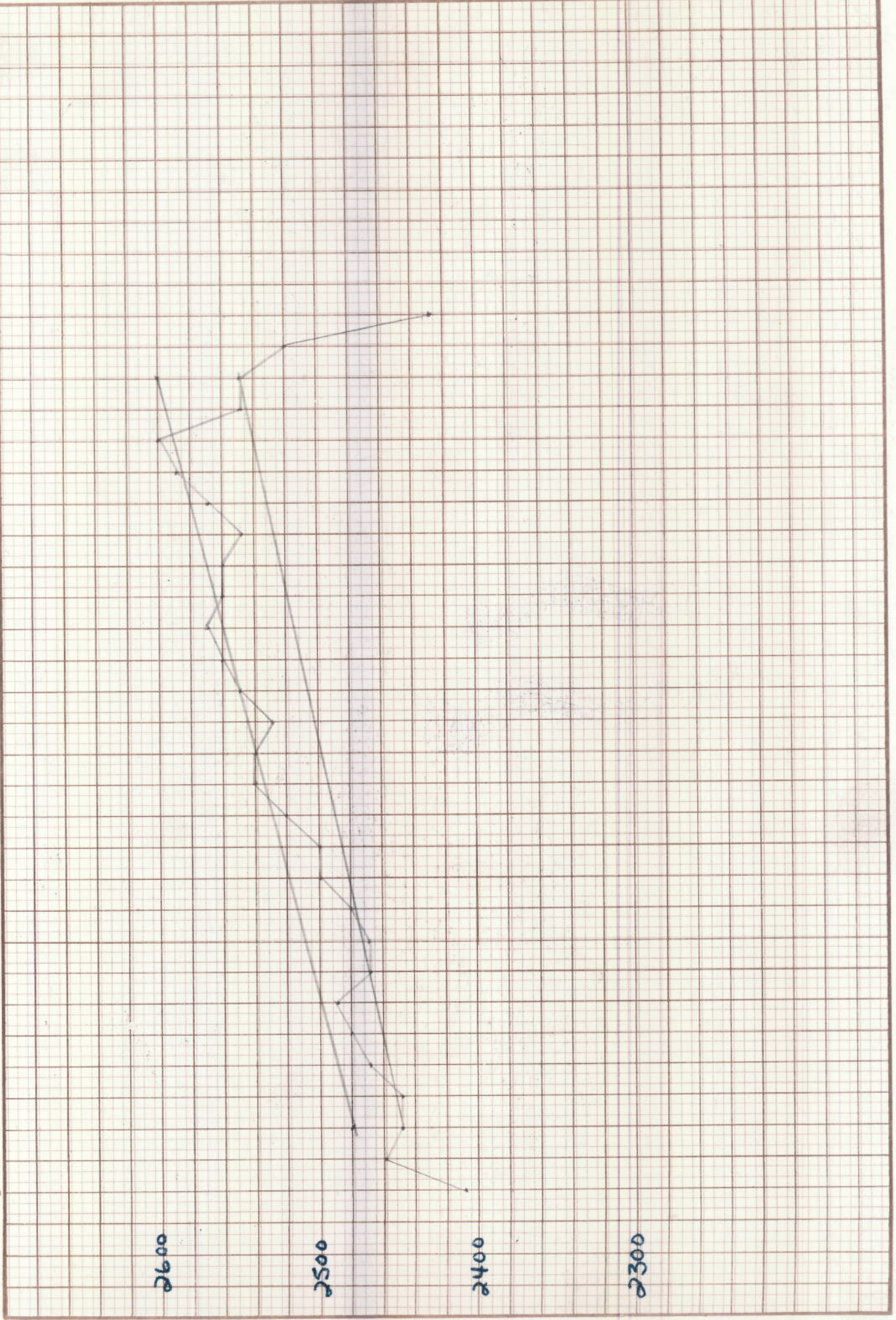
OUT GAS FLOW 5000

15-7682

CROSSWALL GRAPH

DATE 3/29/81	TURN 7-3	WALL NUMBER A4	BATTERY NUMBER ONE
COG FLOW 200,000	COG PRESSURE 140mm	STACK 17mm	BASEMENT -2.0mm

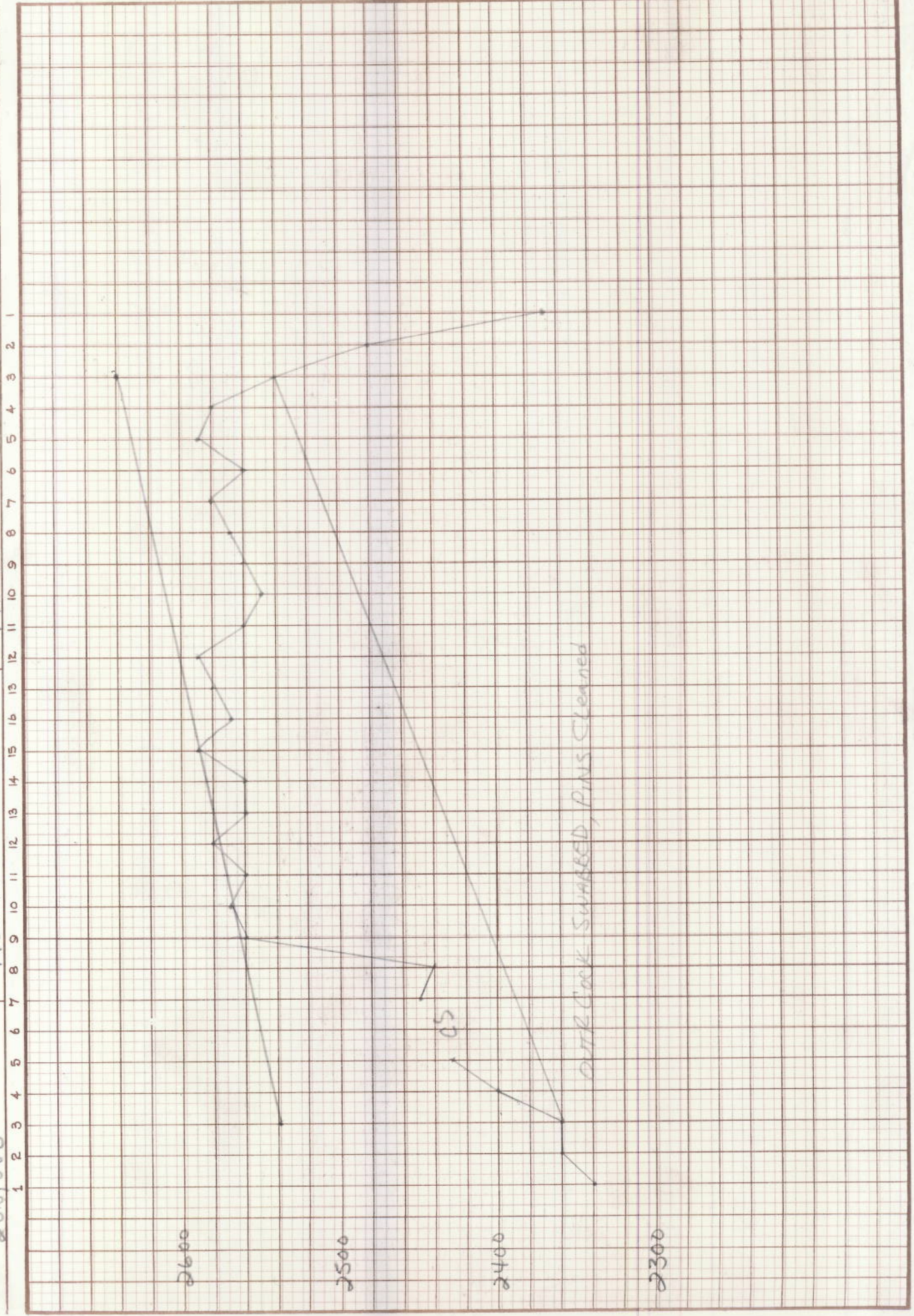
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



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CROSSWALL GRAPH

DATE 3/29/81	TURN 7-3	WALL NUMBER A-2	BATTERY NUMBER ONE
COG FLOW 200,000	COG PRESSURE 140 mm	STACK 17mm	BASEMENT -2.0 m



BATTERY NO. 2 SPAN TEMPERATURES.

IS-7084

DATE	3-29-81	TIME	7-3
FUEL GAS		'C' AVERAGES °F	
PRESSURE - mm H ₂ O.	180	PS0	2452
FLOW - FT ³ / HR.	235,000	PS1	2501
TEMP - °F.	124°	CS1	2588
STACK		CS0	2572
DRAFT - mm H ₂ O.	17.5	'C' SEC. AVG.	2528
WASTE HEAT - °F.	590°	'D' AVERAGES °F	
BASEMENT PRESS mm H ₂ O.	-1.0	PS0	2459
INNER ZONE TEMP AVG °F.	2540	PS1	2512
OUTER ZONE TEMP AVG °F.	2510	CS1	2561
BATTERY AVG TEMP °F.	2525	CS0	2560
HEATER.		'D' SEC. AVG.	2522

CROSSWALL TEMPERATURES °F

FLUE NO.	WALL NO. C2	WALL NO. C4	WALL NO.	WALL NO.
PS 1	stuck	stuck		
2	2490	2440		
3	2500	2480		
4	2480	2470		
5	2500	2500		
6	stuck	stuck		
7	2470	2500		
8	2490	2520		
9	2540	2560		
10	2530	2550		
11	2540	2570		
12	2520	2550		
13	2530	2550		
14	2570	2550		
15	2560	2580		
16	2570	2560		
13	2580	2580		
12	2570	2600		
11	2600	2590		
10	2580	stuck		
9	2600	2580		
8	2580	2570		
7	2590	2600		
6	2600	2600		
5	2590	2620		
4	2560	2620		
3	2580	2610		
2	2570	2580		
1	2480	2520		

	#5 PS0	#11 PS1	#11 CS1	#5 CS0
C1	2445	2445	2475	2545
C2	2535	2575	2615	2605
C3	2465	2515	2615	2575
C4	2535	2605	2605	2635
C5	2475	2535	2635	2595
C6	2495	2515	2605	2625
C7	2495	2495	2575	2605
C8	2475	2525	2595	2615
C9	2485	2515	2605	2575
C10	2455	2535	2625	2595
C11	2425	2555	2635	2565
C12	2465	2485	2635	2595
C13	2415	2495	2605	2535
C14	2425	2435	2635	2545
C15	2465	2505	2595	2545
C16	2455	2515	2585	2605
C17	2455	2415	2555	2575
C18	2405	2465	2555	2565
C19	2435	2475	2565	2605
C20	2415	2485	2535	2575
C21	2435	2445	2525	2525
C22	2395	2475	2565	2535
C23	2415	2465	2535	2515
C24	2415	2485	2545	2525
C25	2435	2525	2585	2515
D1	2425	2515	2595	2565
D2	2395	2485	2585	2575
D3	2435	2475	2585	2545
D4	2435	2485	2595	2495
D5	2455	2525	2595	2555
D6	2485	2515	2585	2565
D7	2485	2525	2575	2545
D8	2465	2535	2585	2515
D9	2475	2535	2605	2585
D10	2515	2475	2575	2555
D11	2435	2495	2535	2575
D12	2455	2515	2555	2565
D13	2465	2535	2555	2535
D14	2435	2505	2555	2585
D15	2455	2475	2505	2565
D16	2415	2485	2525	2595
D17	2415	2535	2565	2605
D18	2435	2505	2555	2565
D19	2455	2525	2545	2515
D20	2485	2515	2545	2565
D21	2485	2485	2555	2485
D22	2465	2535	2525	2565
D23	2485	2545	2535	2595
D24	2535	2535	2575	2585
D25	2495	2555	2555	2605
D25E	2495	2575	2595	2555

15-7682

CROSSWALL GRAPH

DATE 3/29/81

TURN 7-3

WALL NUMBER C4

BATTERY NUMBER 120

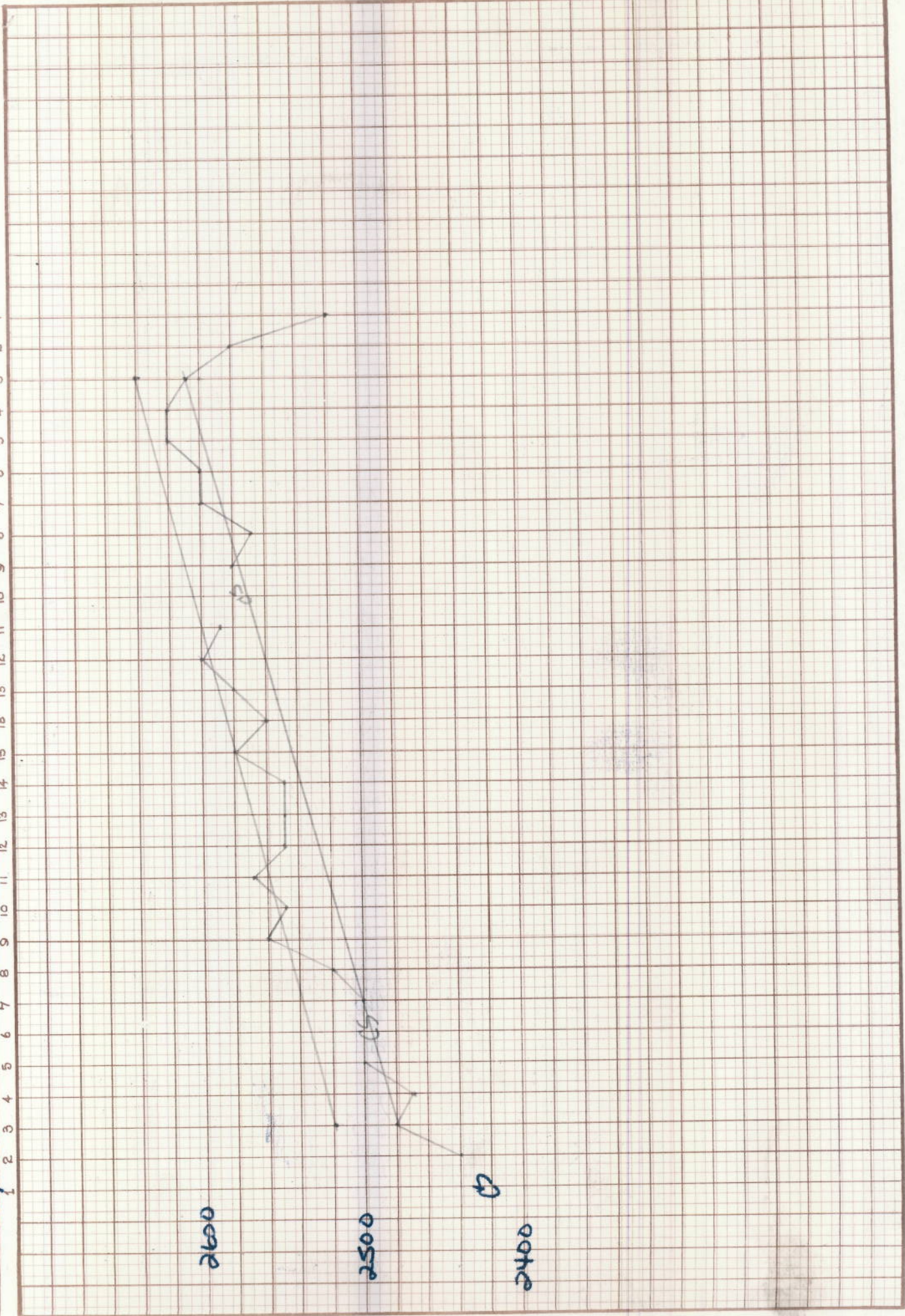
COG FLOW 235,000

COG PRESSURE 180,000

STACK 17.5mm

BASEMENT -1mm

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



CROSSWALL GRAPH

15-7682

DATE	3/29/81	TURN	7-3	WALL NUMBER	ca	BATTERY NUMBER	120
COG FLOW	235,000	COG PRESSURE	180 mm	STACK	17.5mm	BASEMENT	-/mm

