

Per STILL

CONFIDENTIAL:
Subject to Protective Order
of 14th Judicial District Court
No. 91-1145

Temp Profile

TRAY	°F.	THIS STILL WILL YIELD
POT	280	<u>0.03 TCE IN THE PRODUCT AND</u>
6	276	37% PER IN THE OVERHEADS WITH
10	275	THIS PROFILE.
14	273	THE CUT ON THIS STILL SHOULD
18	272	BE 90-95%.
22	271	THE HARDEST THING ABOUT THIS
26	269	STILL IS RECYCLE. GOOD EFFICIENCIES
34	268	ARE MADE WITH THIS STILL. WHEN
38	—	THE RECYCLE IS 90% PER OUR WHOLE
42	264	PLANT EFFICIENCY SUFFERS A 70 POINT.
46	263	TRUE, THE REBOILER GENERALLY
50	261	GIVES PROBLEMS, BUT FINE ADJUSTMENTS
54	258	CAN BE MADE TO GIVE A DECENT
58	253	CUT WITH EVEN A FOULED REBOILER.
OVERHEADS	247	THE TEMP PROFILE IS ALMOST
		STRAIGHT UP + DOWN. THIS IS THE HARDEST
		COLUMN TO CONTROL AND YOU MUST PAY CLOSE
		ATTENTION TO IT.

over
hds

POT

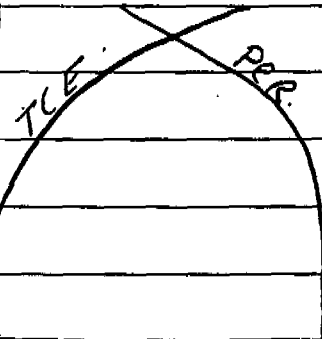
Temp →

SL 019148

over
hds

POT

COMP



PER STILL

TALL Yellow STILL

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PHYSICAL SIZE

DIAMETER 3'-6" - STEEL
T/T 70'-0" + 18' SKIRT
TRAYS 60 VALVE TYPE. - STEEL W/SS CAP

Access.

REBOILER - 615
CONDENSER - 120
REFLUX - 4'x6'

OPERATION DATA

REFLUX RATIO - 97.5:1
FEED - 10.5 gpm
REFLUX - 19.5 - 18 gpm.
BOTT - 10.3 /
OVERHEADS - 0.2 /
BOTT Temp/press - 271°F/
TOP Temp/press - 235°F/
STEAM DRAW/NSH - 2175#/hr

SL 019149

PURPOSE OF STILL

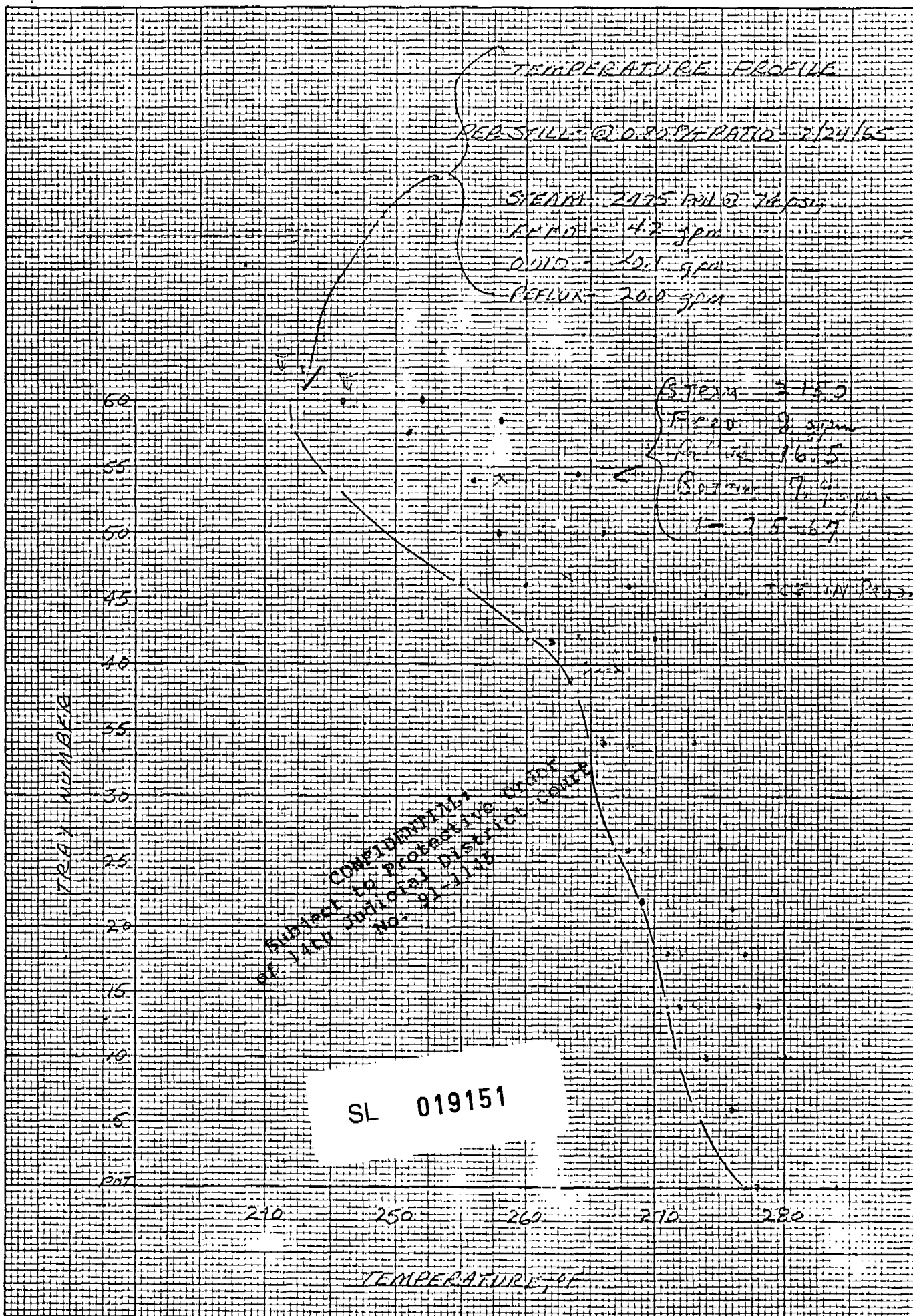
THIS STILL MAKES THE CUT BETWEEN PER
& 1,2. THE PER OUT THE BOTT & THE 1,2 OUT THE
TOP. MAX 1,2 IN BOTT IS 0.03%.

Feed points 31, 35, 39, 43, 47
Control Temp & tray #50 tray 254°F

	Ave Feed	Overheads	Botts
Tri	0.90	45.02	
1,12	1.00	39.40	.01
Per	98.07	15.34	99.96
Wh Sym.	.03		.03

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SL 019150



EUGENE DIETZGEN CO.
MADE IN U. S. A.

NO. 340R-20 DIETZGEN GRAPH PAPER
20 X 20 PER INCH

Composition Profile
Per Stiel

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No. 91-2115

