ppm PCB's in Pydrauls

* DENOTES FINGERPRINT IDENTIFICATION

Sample	calc. as 1242	calc. as 1254	calc. as 1260
Pydraul 320 QC-2200 (Brimstone)	1.7 *	<0.9	<1.0
Pydraul 29ELT (S-141 + 140 (W.K.K.) Nasco S-711)	7.0 *	<5.9	<6.7
Pydraul 312-C QE-03000	<0.9	<0.4	<0.4
Turbinol 1122 QE-01020	<0.1	—	—
Pydraul 50-E QD-34520	—	2.1 *	—
Pydraul 50-E from NC-220	<0.9	<0.25	—
Pydraul 230-C QB-27925 (NC-220 extr. + pet. oil)	<2.3	<3.4	<3.8
Pydraul 10E QE-16410	<0.1	—	—
Pydraul 10E QB-1240	—	—	35 *

DSW 298666

STLCOPCB4068579

ppm PCB's in Pydraul

* DENOTES FINGERPRINT IDENTIFICATION

Sample	calc. as 1242	calc. as 1254	calc as 121
Pydraul 320 QC-2200	1.7 *	< 0.9	< 1.0
Pydraul 29ELT	7.0 *	< 5.9	< 6.7
Pydraul 312-C QE-03000	< 0.9	< 0.4	< 0.4
Turbinol 1122 QE-01020	< 0.1	—	—
Pydraul 50-E QD-34520	—	2.1 *	—
Pydraul 50-E from NC-220	< 0.9	< 0.25	—
Pydraul 230-C QB-27925	< 2.3	< 3.4	< 3,8
Pydraul 10E QE-16410	< 0.1	—	—
Pydraul 10E QB-1240	—	—	35 *

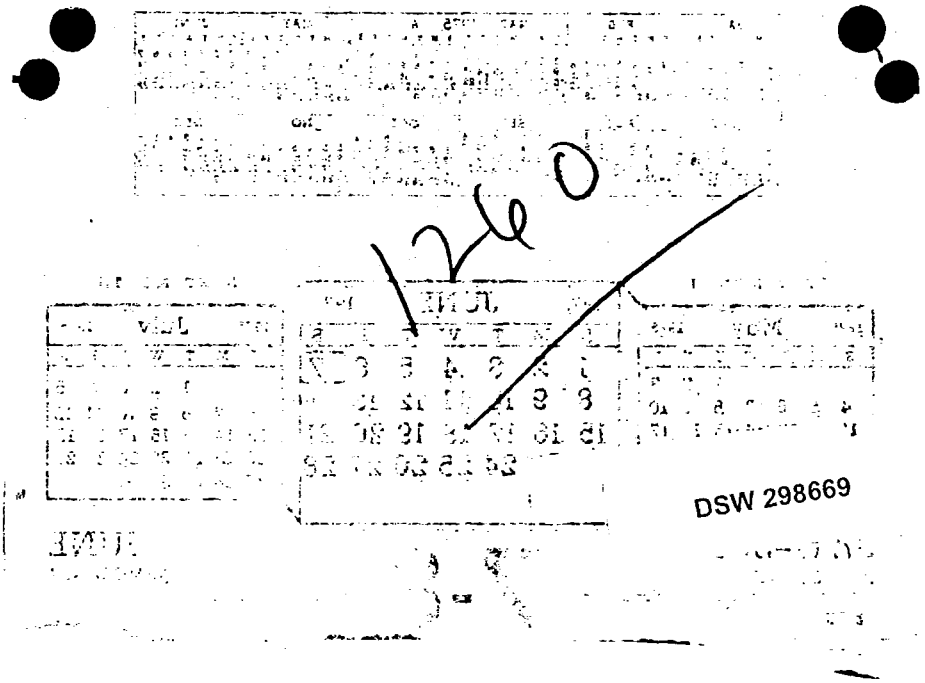
DSW 298667

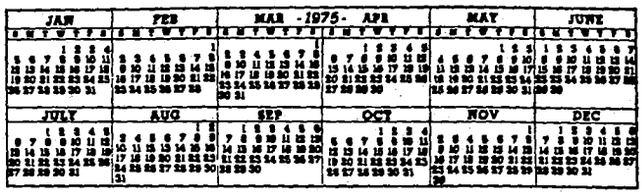
Treatment.

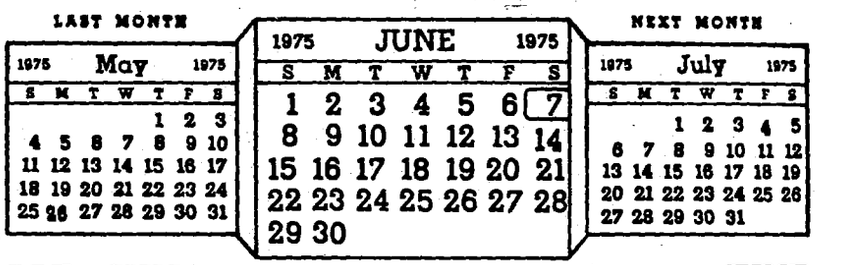
1.0 g. sple.
Al_2O_3 column.
saponification
Conc. H_2SO_4 extn.
alumina column
EC/GC

DSW 298668

STLCOPCB4068581


1260
DSW 298669





SAT.—SUN.
ENGAGEMENTS

7-8

JUNE
MEMORANDA

8:00

8:30

DSW 298670

STLCOPCB4068583

REPORT NO. 39 PYDRAUL

CHAN# 4 METHOD: PCB4 SAMPLE: 1242 3UL

MIN AR	MV/M	DLY	DVT	DIL-FTR%
250	.300	1.00	0.00	100.00

RT	ITM	FACTOR	AREA		%	NAME
1.20		1.00000	2532	VV	3.478	
1.45		1.00000	4192	VV	5.760	
1.69		1.00000	3679	VV	5.055	
1.89		1.00000	11019	VV	15.140	
2.08		1.00000	4419	VV	6.071	
2.27		1.00000	9259	VV	12.722	
2.72		1.00000	4087	VV	5.616	
2.87		1.00000	4505	VV	6.189	
3.21		1.00000	4149	VV	5.701	
3.52		1.00000	8987	VV	12.347	
3.76		1.00000	1585	VV	2.178	
4.18		1.00000	4102	VB	5.636	
4.93		1.00000	1369	VV	1.881	
5.36		1.00000	1168	VB	1.604	
6.32		1.00000	2998	BB	4.119	
7.75		1.00000	1595	BV	2.192	
8.28		1.00000	543	VV	.745	
9.73		1.00000	344	BV	.473	
10.57		1.00000	554	BV	.761	
11.01		1.00000	779	VB	1.070	
12.37		1.00000	331	BB	.454	
13.12		1.00000	588	BB	.808	

TOTAL AREA = 72784

69645

DSW 298671

REPORT NO. 40 PYDRAUL

CHAN# 4 METHOD: PCB4 SAMPLE: 1242 6UL

MIN AR	MV/M	DLY	DVT	DIL-FTR%
250	.300	1.00	0.00	100.00

ENDED NOT ON BL

RT	ITM	FACTOR	AREA		%	NAME
1.05		1.00000	411	BV	.307	
1.20		1.00000	5386	VV	4.020	
1.38		1.00000	350	VV	.261	
1.45		1.00000	8288	VV	6.186	
1.69		1.00000	7656	VV	5.715	
1.89		1.00000	19427	VV	14.501	
2.08		1.00000	8061	VV	6.017	
2.26		1.00000	16617	VV	12.403	
2.72		1.00000	8236	VV	6.148	
2.87		1.00000	8206	VV	6.125	
3.20		1.00000	8230	VV	6.143	
3.52		1.00000	16785	VV	12.529	
3.79		1.00000	2788	VV	2.081	
4.17		1.00000	9618	VV	7.179	
4.92		1.00000	2130	VV	1.590	
5.35		1.00000	3000	VV	2.239	
6.32		1.00000	5053	VV	3.772	
6.88		1.00000	378	VV	.282	
7.53		1.00000	491	VV	.366	
8.22		1.00000	1681	VV	1.255	
8.45		1.00000	1180	VB	.881	

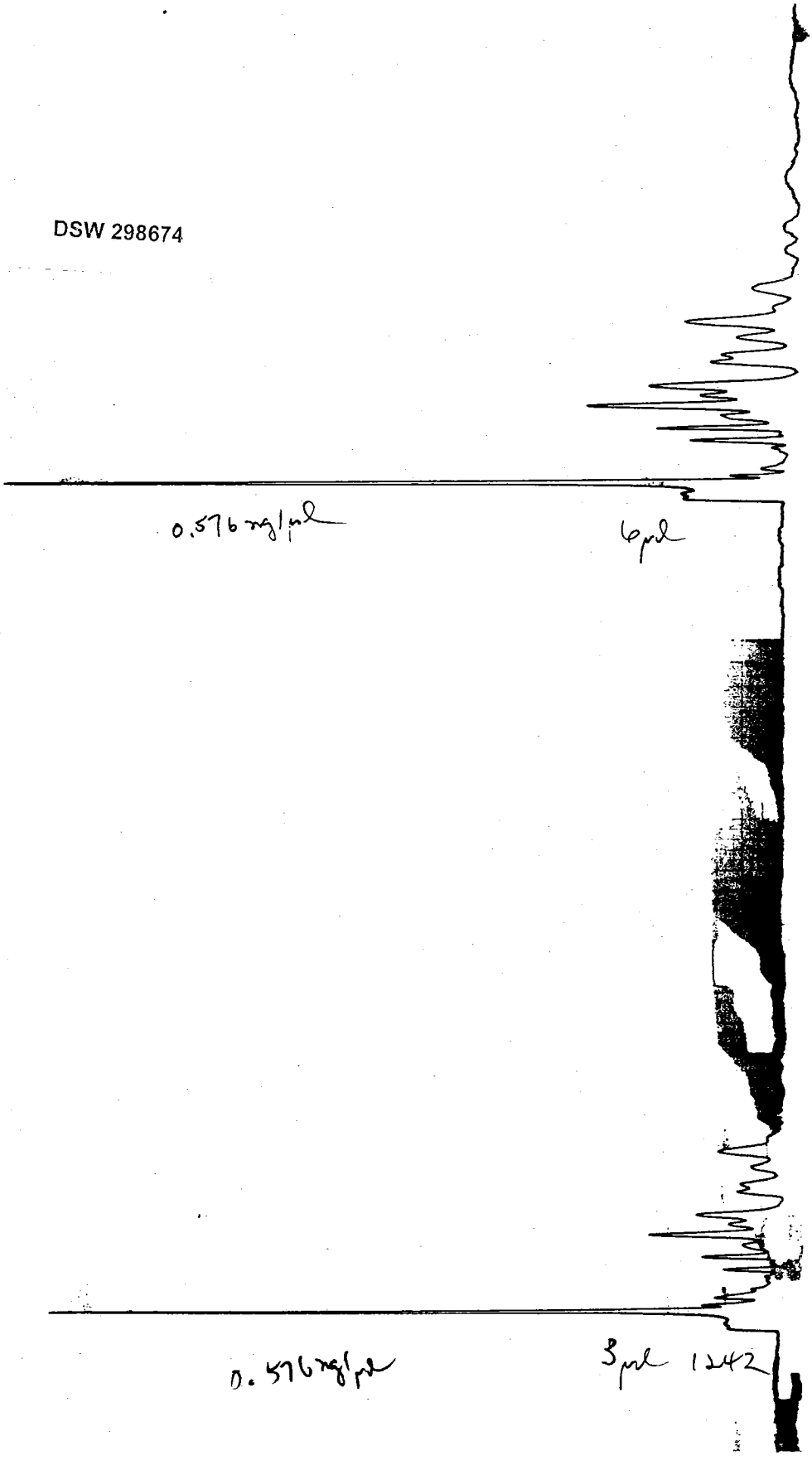
TOTAL AREA = 133971

DSW 298672

DSW 298673

STLCOPCB4068586

DSW 298674



REPORT NO. 49 PYDRAUL

CHAN# 4 METHOD: PCB4 SAMPLE: 3200C5UL 5.8 mL.

MIN AR	MV/M	DLY	DVT	DIL-FTR%
250	.300	1.00	0.00	100.00

ENDED NOT ON BL

RT	ITM	FACTOR	AREA	%	NAME
1.04		1.00000	1185 BV	.371	
1.22		1.00000	2020 VV	.633	
1.49		1.00000	5478 VV	1.717	
1.64		1.00000	4301 VV	1.348	
1.95		1.00000	12407 VV	3.887	
2.12		1.00000	7412 VV	2.322	
2.34		1.00000	14737 VV	4.617	
2.77		1.00000	7197 VV	2.255	
2.92		1.00000	8622 VV	2.701	
3.28		1.00000	3157 VV	.989	
3.59		1.00000	6369 VV	1.996	
3.85		1.00000	533 VB	.167	
4.12		1.00000	4106 BV	1.287	
4.60		1.00000	463 VB	.145	
7.64		1.00000	3640 VV	1.140	81624
8.62		1.00000	25165 VV	7.885	
9.42		1.00000	31467 VV	9.859	
10.88		1.00000	24402 VV	7.646	
12.93		1.00000	15397 VV	4.824	
13.74		1.00000	22462 VV	7.038	
16.19		1.00000	5671 VB	1.777	
17.27		1.00000	6074 BV	1.903	212262
20.29		1.00000	9913 VB	3.106	
22.62		1.00000	21511 BV	6.740	
26.61		1.00000	75472 VF	23.647	

TOTAL AREA = 319158

DSW 298675

:EPORT NO. 56 PYDRAUL

0.40 ng/µL

:HAN# 4 METHOD: PCB4 SAMPLE: 1254 8UL

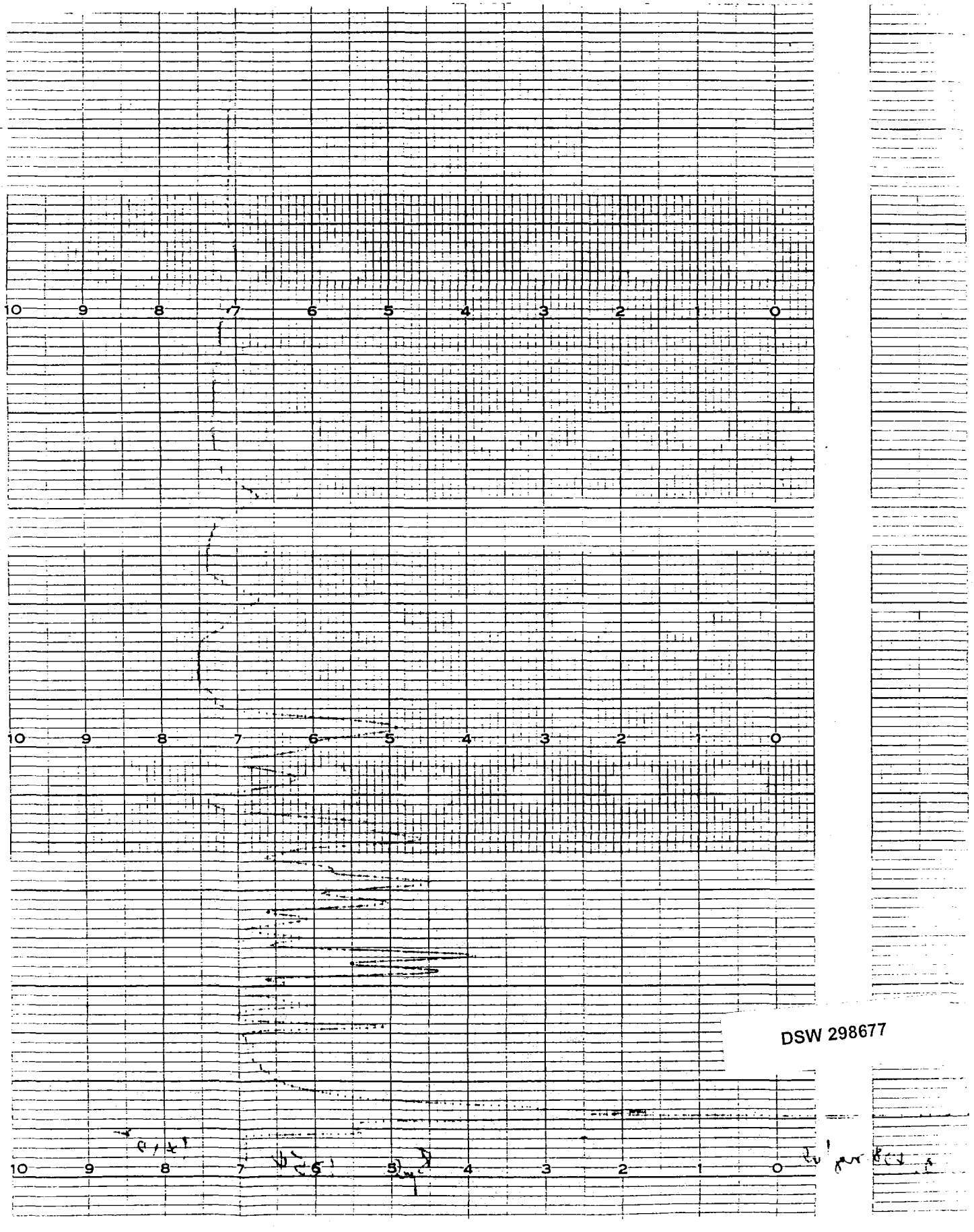
1IN AR	MV/M	DLY	DVT	DIL-FTR%
250	.300	1.00	0.00	100.00

:NDED NOT ON BL

RT	ITM	FACTOR	AREA		%	NAME
1.88		1.00000	1289	VV	.225	
2.27		1.00000	14573	VV	2.549	
2.71		1.00000	12848	VV	2.247	
3.18		1.00000	6330	VV	1.107	
3.45		1.00000	35953	VV	6.288	
3.78		1.00000	45222	VV	7.909	
4.12		1.00000	12208	VV	2.135	
4.54		1.00000	16574	VV	2.899	
4.89		1.00000	35067	VV	6.133	
5.32		1.00000	52537	VV	9.188	
5.58		1.00000	17910	VV	3.132	
6.23		1.00000	62285	VV	10.893	
6.53		1.00000	33273	VV	5.819	
7.48		1.00000	31825	VV	5.566	
8.55		1.00000	98388	VV	17.207	
11.23		1.00000	32132	VV	5.620	
12.04		1.00000	968	VV	.169	
13.36		1.00000	32747	VV	5.727	
16.38		1.00000	2594	VV	.454	
17.72		1.00000	24319	VV	4.259	
20.17		1.00000	2751	VB	.481	

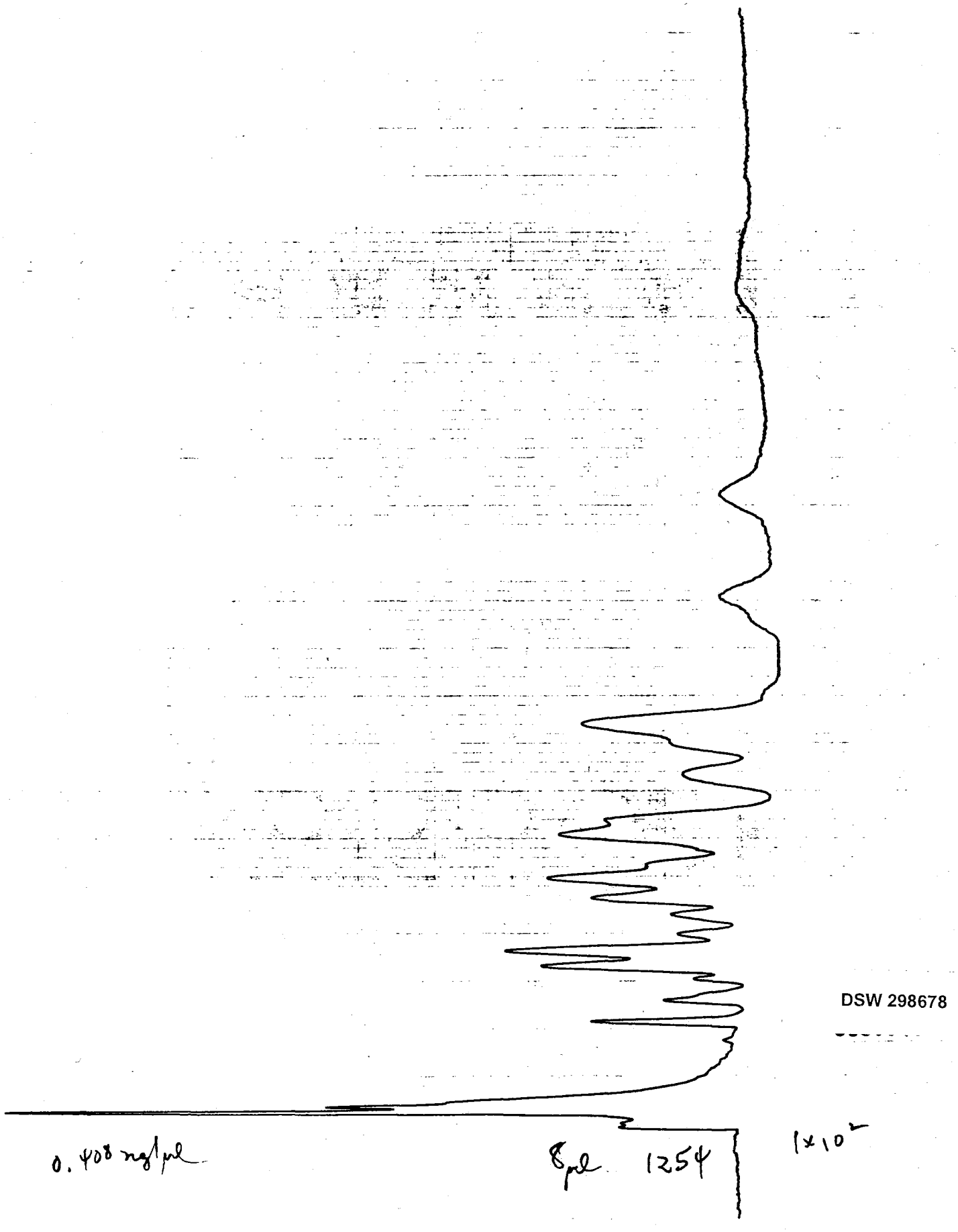
TOTAL AREA = 571792

DSW 298676



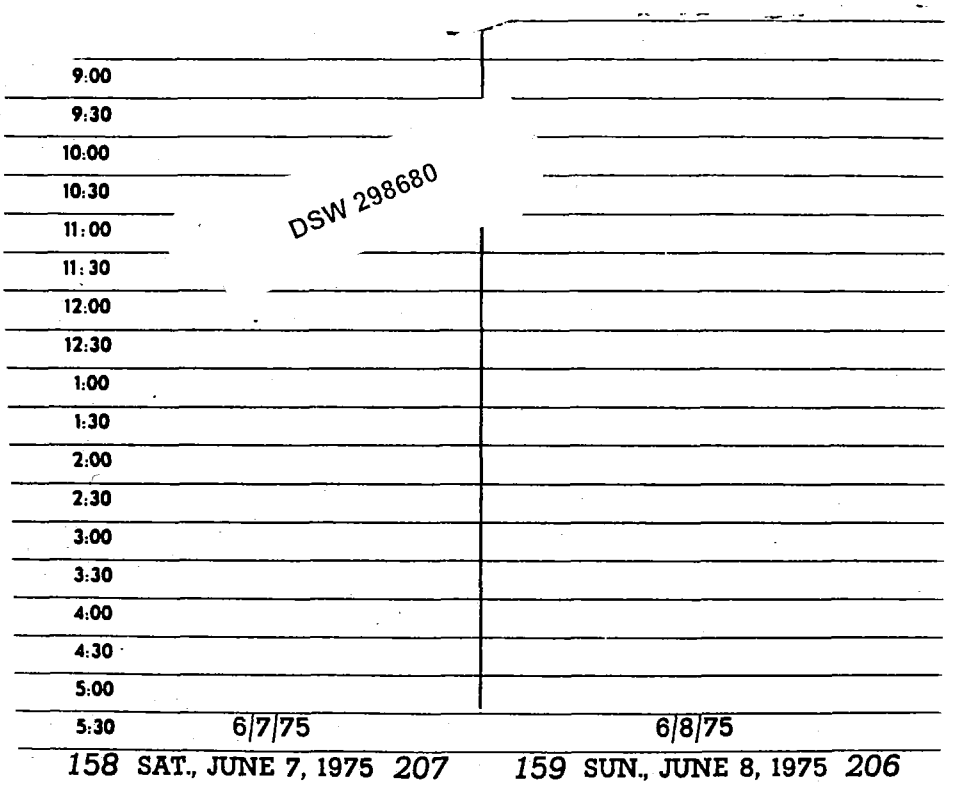
DSW 298677

STLCOPCB4068590


DSW 298678
0.408 ng/µl
8µl 1254
1x10²

1254

DSW 298679



158 SAT., JUNE 7, 1975 207 159 SUN., JUNE 8, 1975 206

STLCOPCB4068593

REPORT NO. 44 PYDRAUL

CHAN# 4 METHOD: PCB4 SAMPLE: 50E 0D5U 1 of 4.5ml.

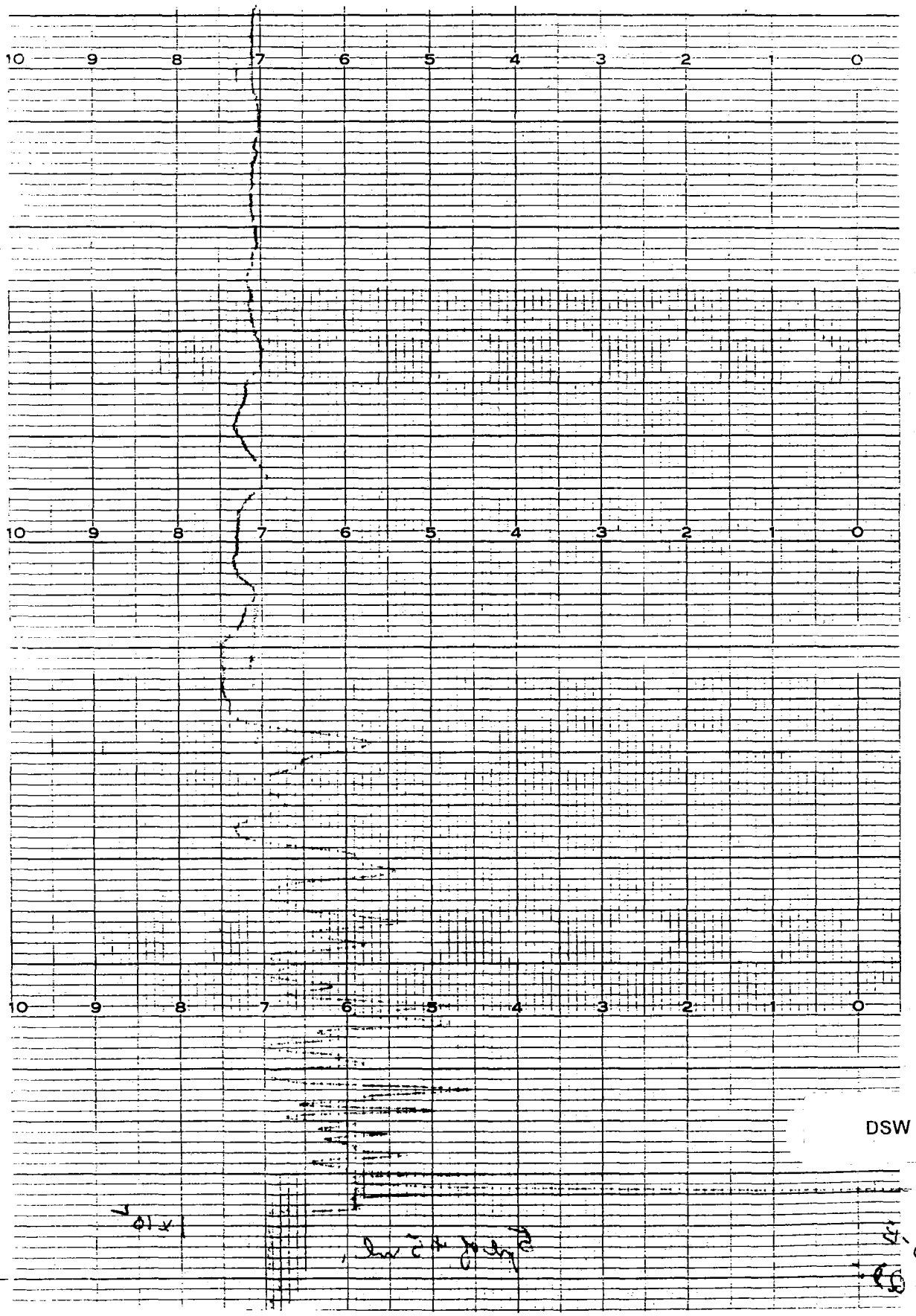
MIN AR	MV/M	DLY	DVT	DIL-FTR%
250	.300	1.00	0.00	100.00

ENDED NOT ON BL

RT	ITM	FACTOR	AREA		%	NAME
1.08		1.00000	6352	BV	1.391	
1.22		1.00000	2256	VV	.494	
1.31		1.00000	1689	VV	.370	
1.48		1.00000	6114	VV	1.339	
1.66		1.00000	5719	VV	1.252	
1.93		1.00000	11433	VV	2.503	
2.14		1.00000	6990	VV	1.531	
2.32		1.00000	23936	VV	5.241	
2.80		1.00000	9833	VV	2.153	
2.94		1.00000	7623	VV	1.669	
3.30		1.00000	10088	VV	2.209	
3.59		1.00000	31333	VV	6.861	
3.91		1.00000	28923	VV	6.333	
4.27		1.00000	12872	VV	2.818	
4.71		1.00000	7714	VV	1.689	
5.09		1.00000	21489	VV	4.705	
5.52		1.00000	39554	VV	8.661	
6.49		1.00000	62320	VV	13.646	315148
7.77		1.00000	18913	VV	4.141	
8.90		1.00000	61972	VB	13.570	
11.74		1.00000	18572	BV	4.066	
12.61		1.00000	2416	VV	.529	
13.93		1.00000	24738	VV	5.417	
16.34		1.00000	19862	VV	4.349	
17.43		1.00000	1950	VV	.427	
18.41		1.00000	5956	VB	1.304	
20.84		1.00000	6084	BV	1.332	

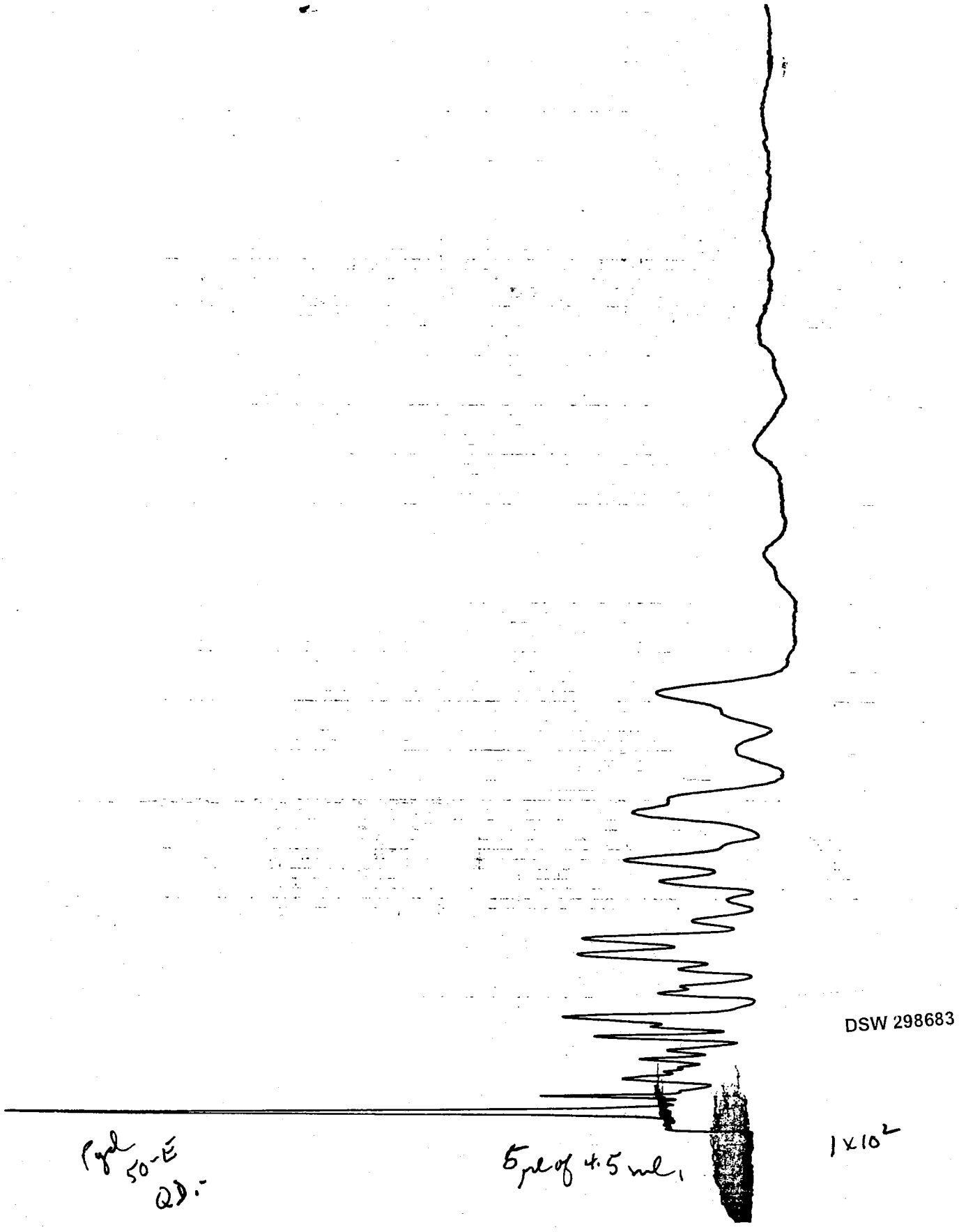
TOTAL AREA = 456698

DSW 298681



DSW 298682

STLCOPCB4068595



DSW 298683

REPORT NO. 57 PYDRAUL

CHAN# 4 METHOD: PCB4 SAMPLE: 1260 5UL

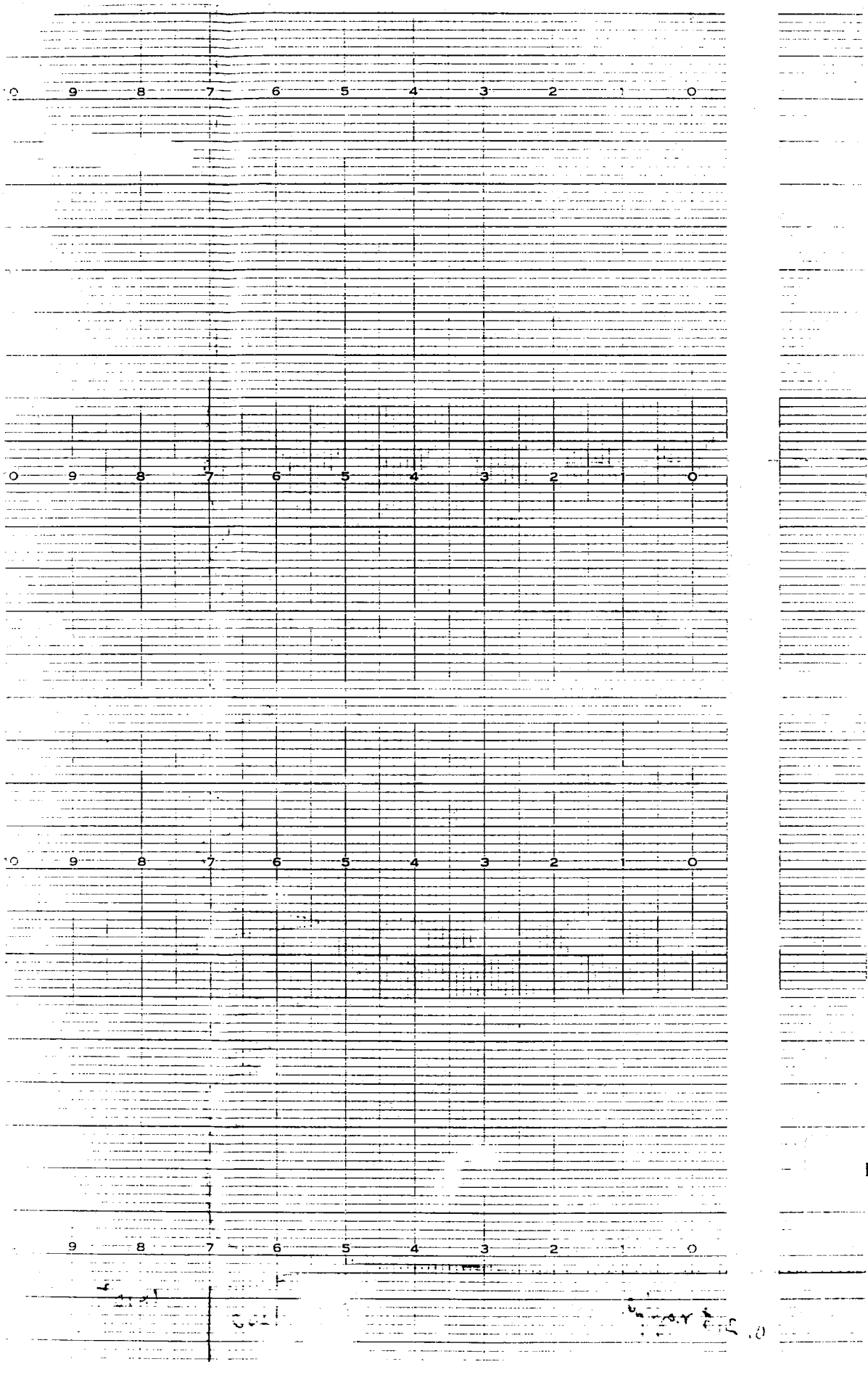
MIN AR	MV/M	DLY	DVT	DIL-FTR%
250	.300	1.00	0.00	100.00

ENDED NOT ON BL

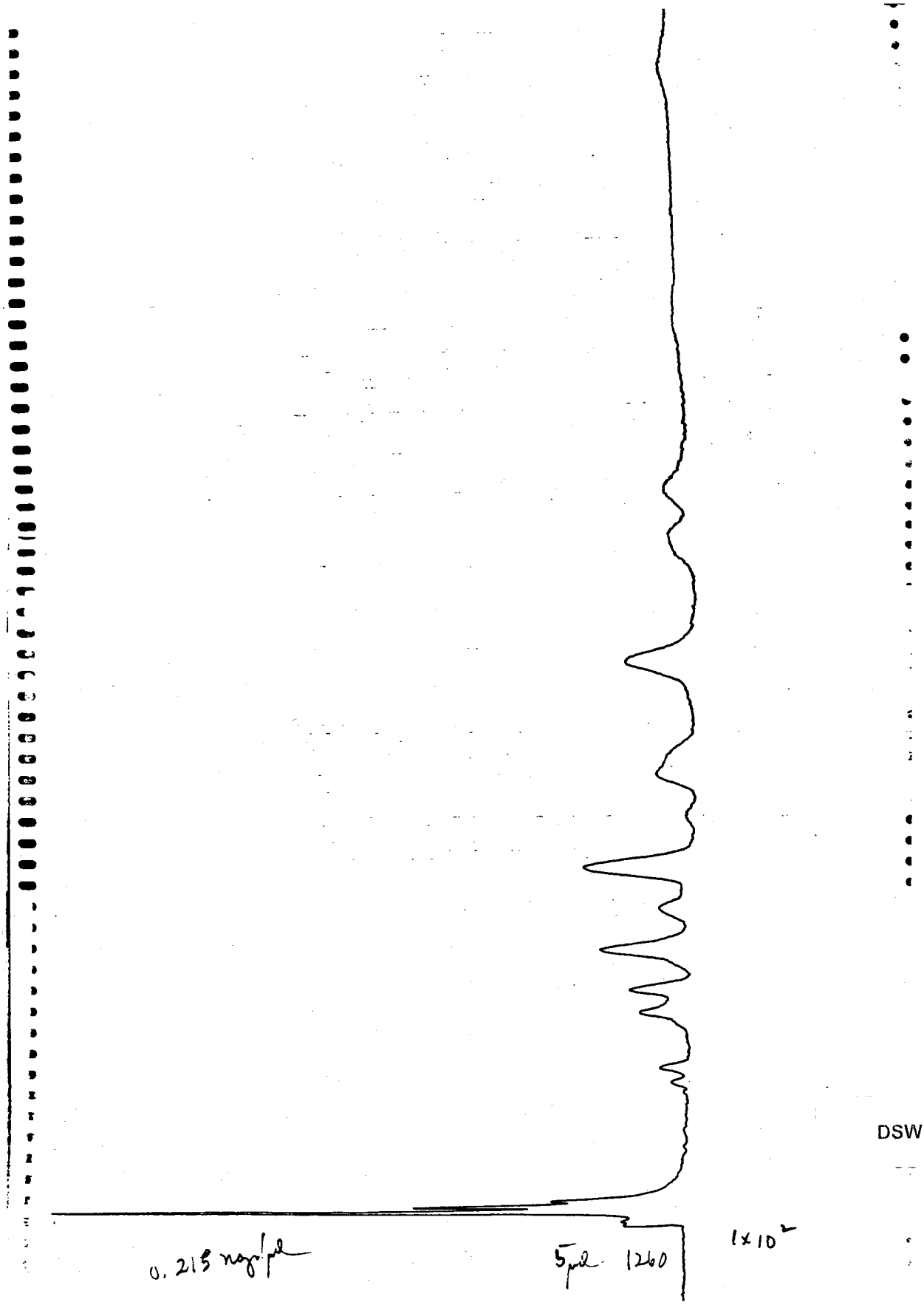
RT	ITM	FACTOR	AREA		%	NAME
1.85		1.00000	333	BB	.108	
2.27		1.00000	771	VB	.250	
2.61		1.00000	264	BV	.085	
3.17		1.00000	632	VV	.205	
3.41		1.00000	3328	VV	1.079	
3.76		1.00000	6585	VV	2.134	
4.45		1.00000	479	VV	.155	
5.07		1.00000	19879	VV	6.443	
5.60		1.00000	17236	VV	5.586	
6.55		1.00000	37130	VV	12.034	
7.51		1.00000	16973	VV	5.501	
8.51		1.00000	48291	VV	15.652	
9.72		1.00000	2999	VV	.972	
10.72		1.00000	30320	VV	9.827	
13.39		1.00000	47771	VV	15.483	
16.48		1.00000	21296	VV	6.902	
17.65		1.00000	21023	VV	6.814	
21.80		1.00000	11218	BV	3.636	
23.32		1.00000	2906	VV	.942	
23.96		1.00000	623	VV	.202	
24.34		1.00000	1316	VV	.427	
25.96		1.00000	1651	VB	.535	
27.73		1.00000	8982	BB	2.911	
29.89		1.00000	1016	BV	.329	
32.49		1.00000	3532	VV	1.145	
35.04		1.00000	1476	VB	.478	
36.85		1.00000	510	BF	.165	

TOTAL AREA = 308537

DSW 298684



DSW 298685



DSW 298686

REPORT NO. 48 PYDRAUL

CHAN# 4 METHOD: PCB4 SAMPLE: TURB1122

5 µl of 4.8 ml.

MIN AR	MV/M	DLY	DVT	DIL-FTR%
250	.300	1.00	0.00	100.00

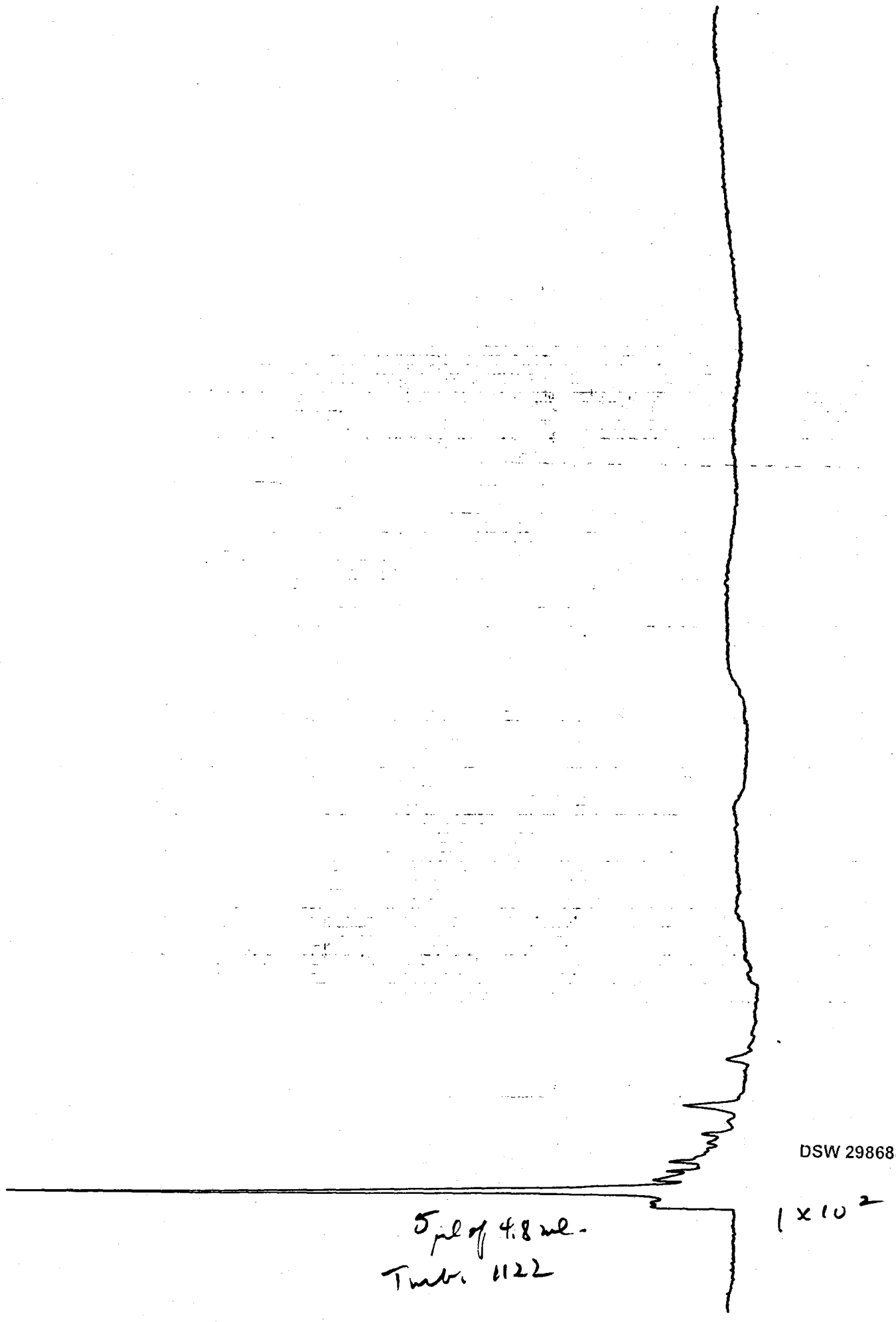
ENDED NOT ON BL

RT	ITN	FACTOR	AREA		%	NAME
1.02		1.00000	467	BV	.585	
1.40		1.00000	1005	VV	1.259	
1.60		1.00000	1745	VV	2.187	
1.87		1.00000	735	VV	.921	
2.22		1.00000	6652	VV	8.338	
2.94		1.00000	267	VV	.335	
3.19		1.00000	2603	VV	3.263	
3.45		1.00000	441	VV	.553	
3.76		1.00000	380	VV	.477	
4.19		1.00000	264	VB	.331	
5.00		1.00000	1278	VV	1.602	
5.39		1.00000	918	VV	1.150	
5.63		1.00000	682	VB	.854	
6.32		1.00000	1862	BV	2.334	
6.61		1.00000	1073	VV	1.345	
7.50		1.00000	1877	VB	2.352	
8.08		1.00000	672	BV	.842	
8.52		1.00000	2169	VB	2.718	
11.92		1.00000	13125	BV	16.451	
12.89		1.00000	12225	VV	15.323	
13.32		1.00000	4482	VV	5.618	
13.50		1.00000	9451	VB	11.846	
16.21		1.00000	2153	BV	2.698	
16.51		1.00000	4750	VB	5.954	
23.17		1.00000	8507	VV	10.663	

2505

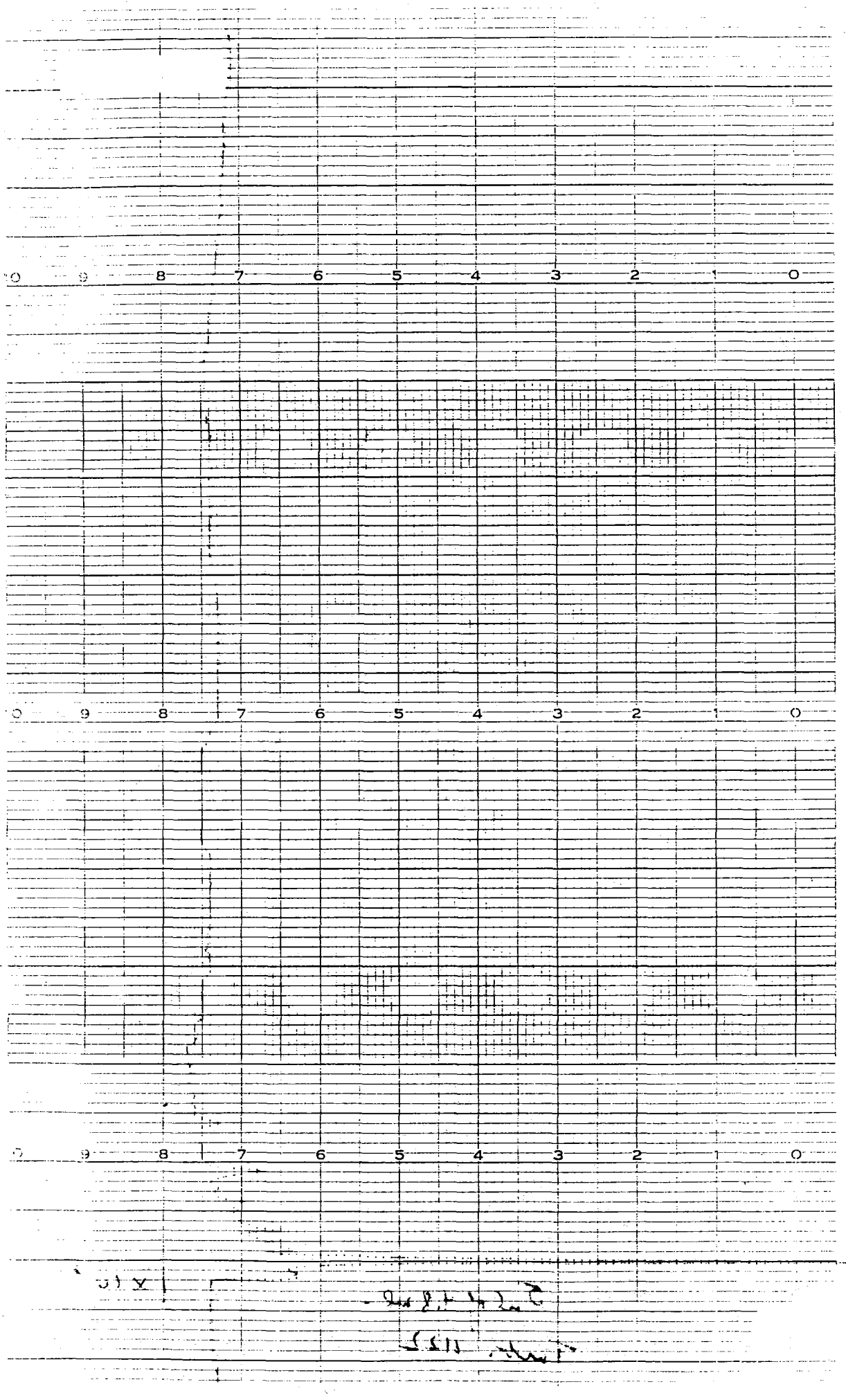
TOTAL AREA = 79778

DSW 298687



DSW 298688

STLCOPCB4068601



DSW 298689

EPORT NO. 53 PYDRAUL

HAN# 4 METHOD: PCB4 SAMPLE: 10EQB2UL of 7.0 mL

IN AR	MV/M	DLY	DVT	DIL-FTR%
250	.300	1.00	0.00	100.00

NDED NOT ON BL

RT	ITM	FACTOR	AREA		%	NAME
1.19		1.00000	533	VV	.044	
1.43		1.00000	1069	VV	.087	
1.61		1.00000	656	VV	.054	
1.86		1.00000	2893	VV	.236	
2.05		1.00000	788	VV	.064	
2.24		1.00000	3579	VV	.293	
2.69		1.00000	2502	VV	.204	
2.82		1.00000	2593	VV	.212	
3.13		1.00000	3003	VV	.245	
3.38		1.00000	15610	VV	1.276	
3.73		1.00000	23272	VV	1.902	
4.06		1.00000	6261	VV	.512	
4.44		1.00000	2049	VV	.167	
5.01		1.00000	58676	VV	4.796	
5.53		1.00000	42932	VV	3.509	
6.46		1.00000	96803	VV	7.912	
7.42		1.00000	55722	VV	4.554	
8.39		1.00000	125453	VV	10.254	
9.58		1.00000	13268	VV	1.084	
10.59		1.00000	103513	VV	8.460	
13.23		1.00000	150559	VV	12.306	
16.17		1.00000	185251	VV	15.141	
17.46		1.00000	156424	VV	12.785	
21.71		1.00000	96625	VV	7.897	
23.48		1.00000	2024	VB	.165	
27.68		1.00000	43681	BV	3.570	
29.45		1.00000	521	VV	.043	
32.05		1.00000	25887	VB	2.116	
36.47		1.00000	1362	BF	.111	

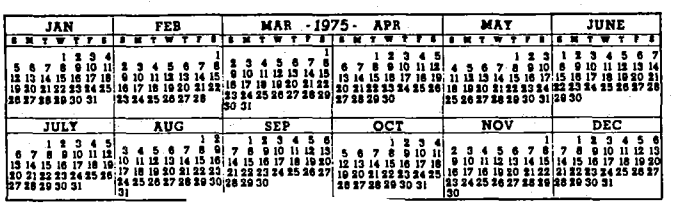
OTAL AREA = 1223507

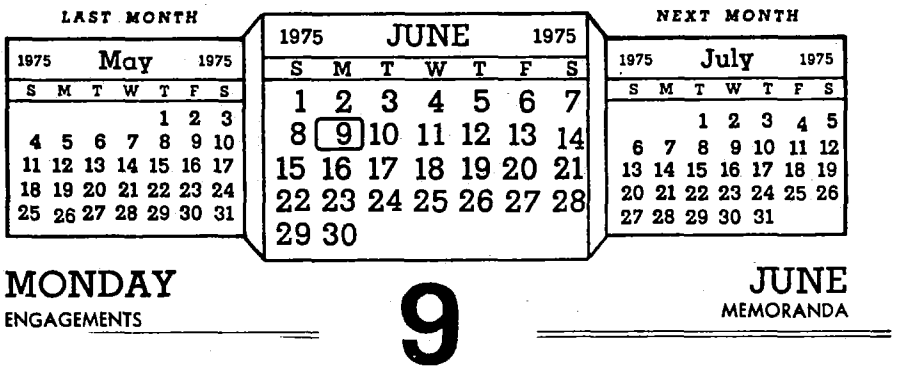
Appears negative!

DSW 298690

Others

DSW 298691





DSW 298692

STLCOPCB4068605

EPORT NO. 41 PYDRAUL

HAN# 4 METHOD: PCB4 SAMPLE: BLK17 9ul of 6.3 ml

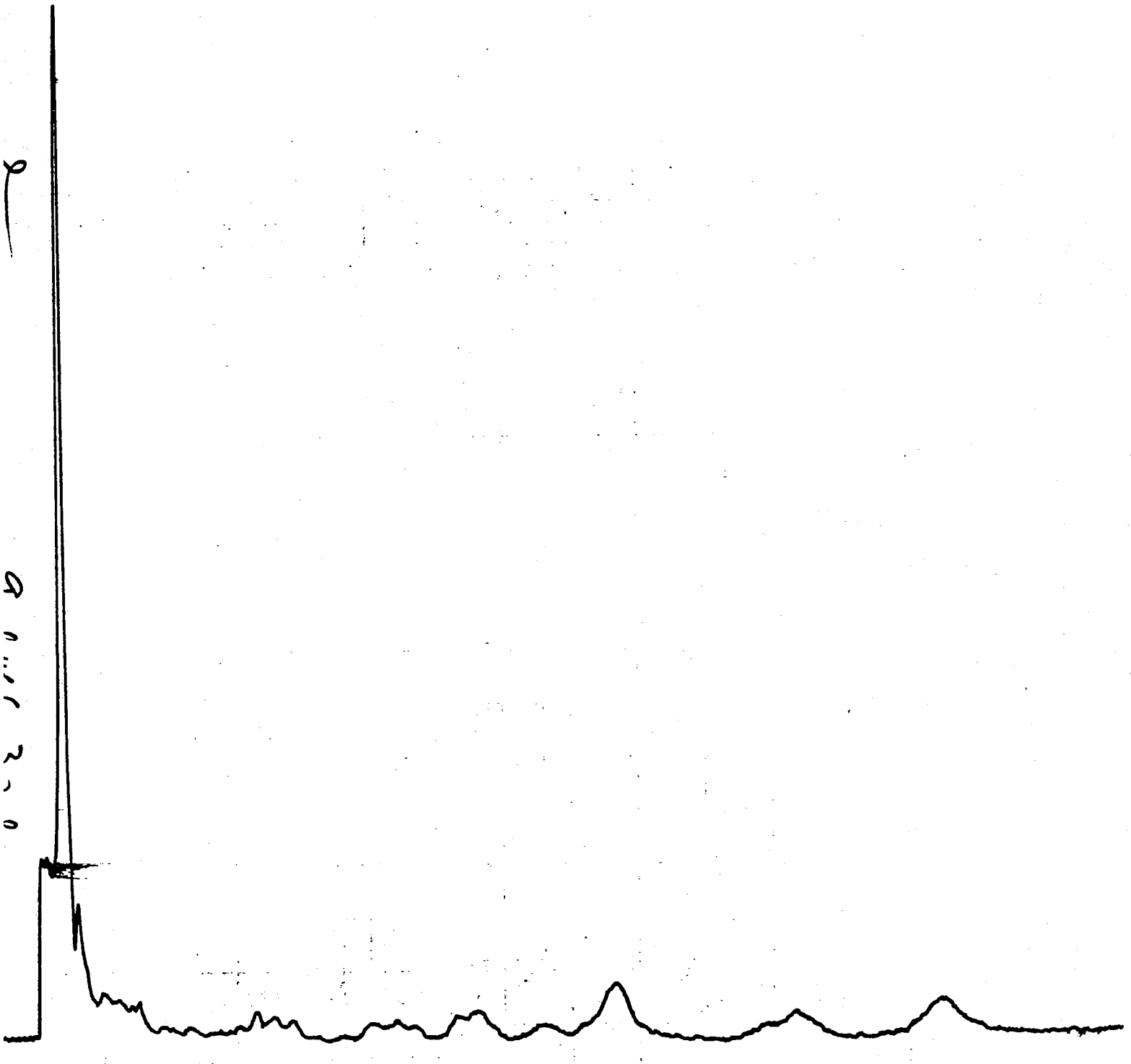
IN AR	MV/M	DLY	DVT	DIL-FTR%
250	.300	1.00	0.00	100.00

NDED NOT ON BL

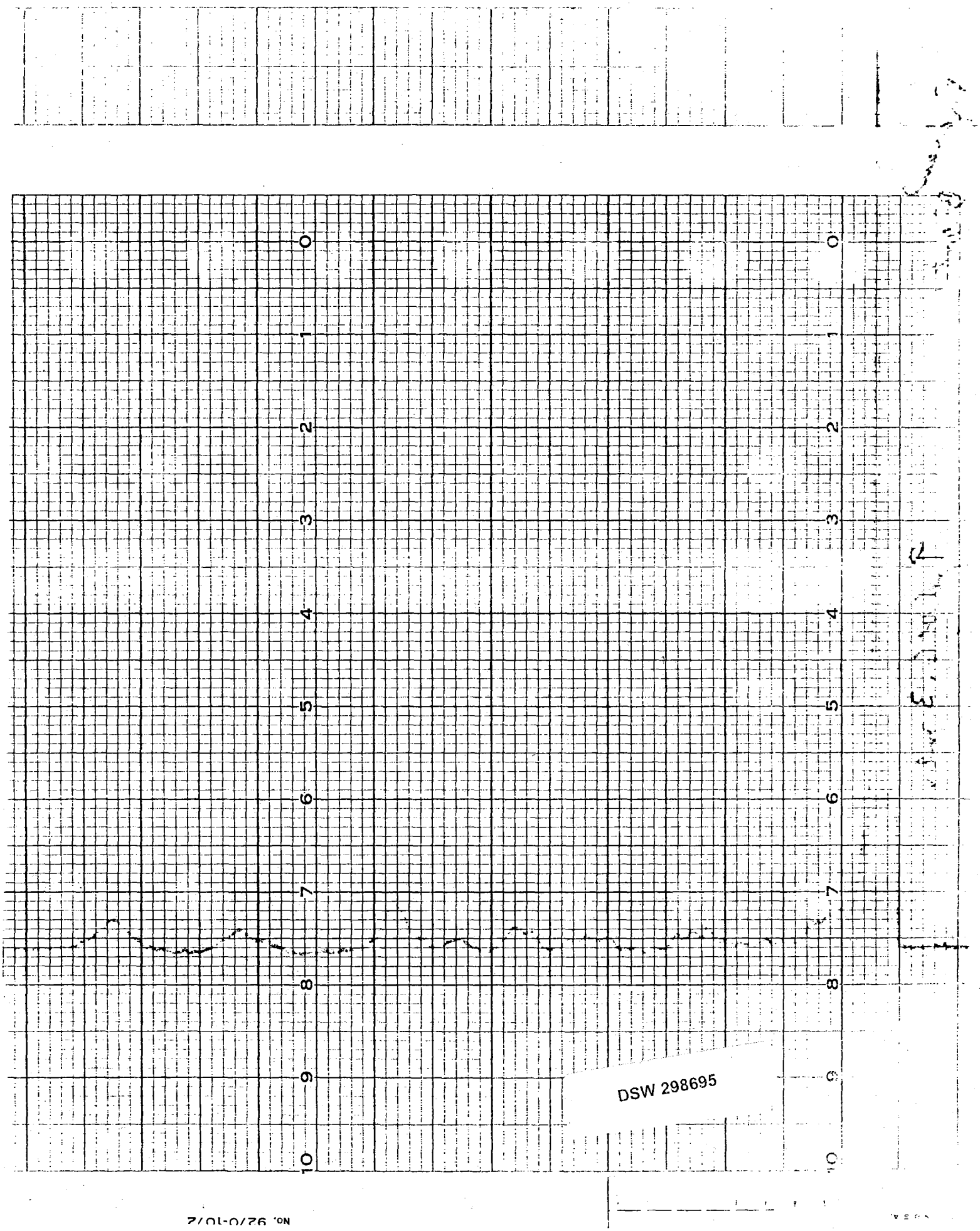
RT	ITM	FACTOR	AREA	%	NAME
1.39		1.00000	308 BV	.397	
1.51		1.00000	1012 VV	1.303	
1.89		1.00000	535 VV	.688	
2.25		1.00000	719 VV	.925	
2.71		1.00000	607 VV	.781	
2.99		1.00000	1103 VV	1.420	
3.24		1.00000	2578 VV	3.317	
3.50		1.00000	3051 VV	3.925	
3.80		1.00000	2563 VB	3.297	
4.55		1.00000	387 BB	.498	
4.96		1.00000	2671 BV	3.436	
5.33		1.00000	2311 VV	2.974	
5.60		1.00000	1279 VV	1.646	
6.26		1.00000	3184 VV	4.097	
6.56		1.00000	5651 VV	7.271	
7.53		1.00000	3438 VV	4.424	31396
8.59		1.00000	18255 VV	23.488	
9.48		1.00000	368 VV	.473	
9.77		1.00000	540 VV	.694	
11.26		1.00000	11320 VV	14.565	
12.62		1.00000	597 VV	.768	
13.42		1.00000	15243 VB	19.613	

TOTAL AREA = 77719

DSW 298693



DSW 298694


DSW 298695

REPORT NO. 47 PYDRAUL

CHAN# 4 METHOD: PCB4 SAMPLE: QE3125UL of 6.0 ml

MIN AR	MV/M	DLY	DVT	DIL-FTR%
250	.300	1.00	0.00	100.00

ENDED NOT ON BL

RT	ITM	FACTOR	AREA		%	NAME
1.05		1.00000	1149	BV	.716	
1.22		1.00000	264	VV	.165	
1.42		1.00000	2931	VV	1.827	
1.92		1.00000	3036	VV	1.892	
2.10		1.00000	1985	VV	1.237	
2.31		1.00000	4001	VV	2.494	
2.95		1.00000	6142	VV	3.829	
3.30		1.00000	5212	VV	3.249	
3.58		1.00000	2651	VV	1.652	
4.18		1.00000	1145	VV	.714	
5.74		1.00000	23413	BV	14.594	
7.88		1.00000	768	VB	.479	52697
8.79		1.00000	3284	VV	2.047	
9.64		1.00000	9370	VV	5.840	
11.21		1.00000	8632	VV	5.381	
14.57		1.00000	14339	BV	8.938	
15.37		1.00000	2238	VV	1.395	
16.63		1.00000	20810	VV	12.972	
17.92		1.00000	1892	VB	1.180	113262
20.70		1.00000	9203	BV	5.737	
21.60		1.00000	12733	VV	7.937	
23.31		1.00000	1468	VB	.915	
25.75		1.00000	8048	BV	5.017	
26.82		1.00000	819	VB	.511	
27.86		1.00000	3982	BV	2.482	
28.35		1.00000	1960	VV	1.222	
28.75		1.00000	4780	VV	2.979	
32.85		1.00000	4171	VF	2.600	

TOTAL AREA = 160426

DSW 298696

EPORT NO. 45 PYDRAUL

HAN# 4 METHOD: PCB4 SAMPLE: 50ENC5UL of 5.0 mls

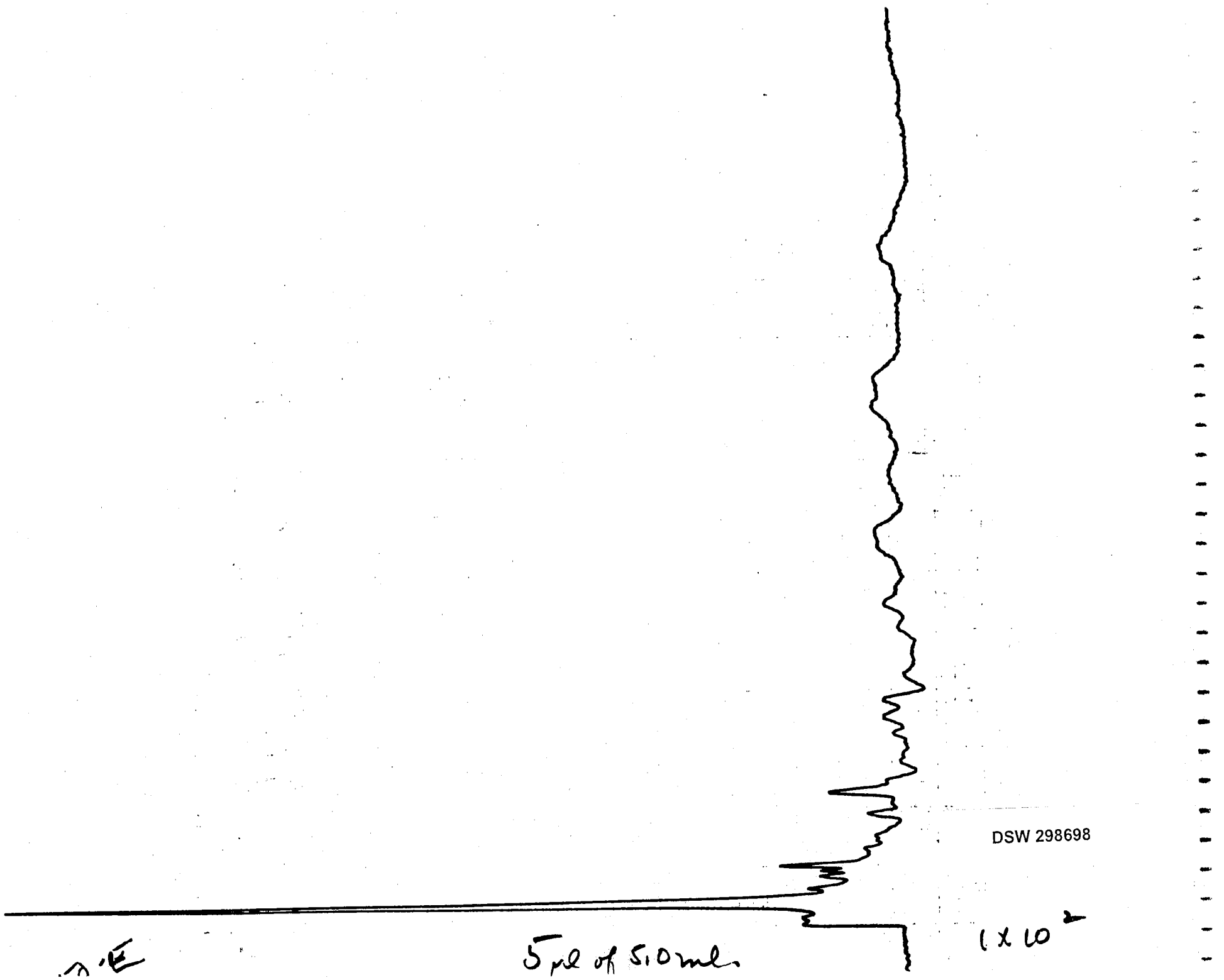
IN AR	MV/M	DLY	DVT	DIL-FTR%
250	.300	1.00	0.00	100.00

NDED NOT ON BL

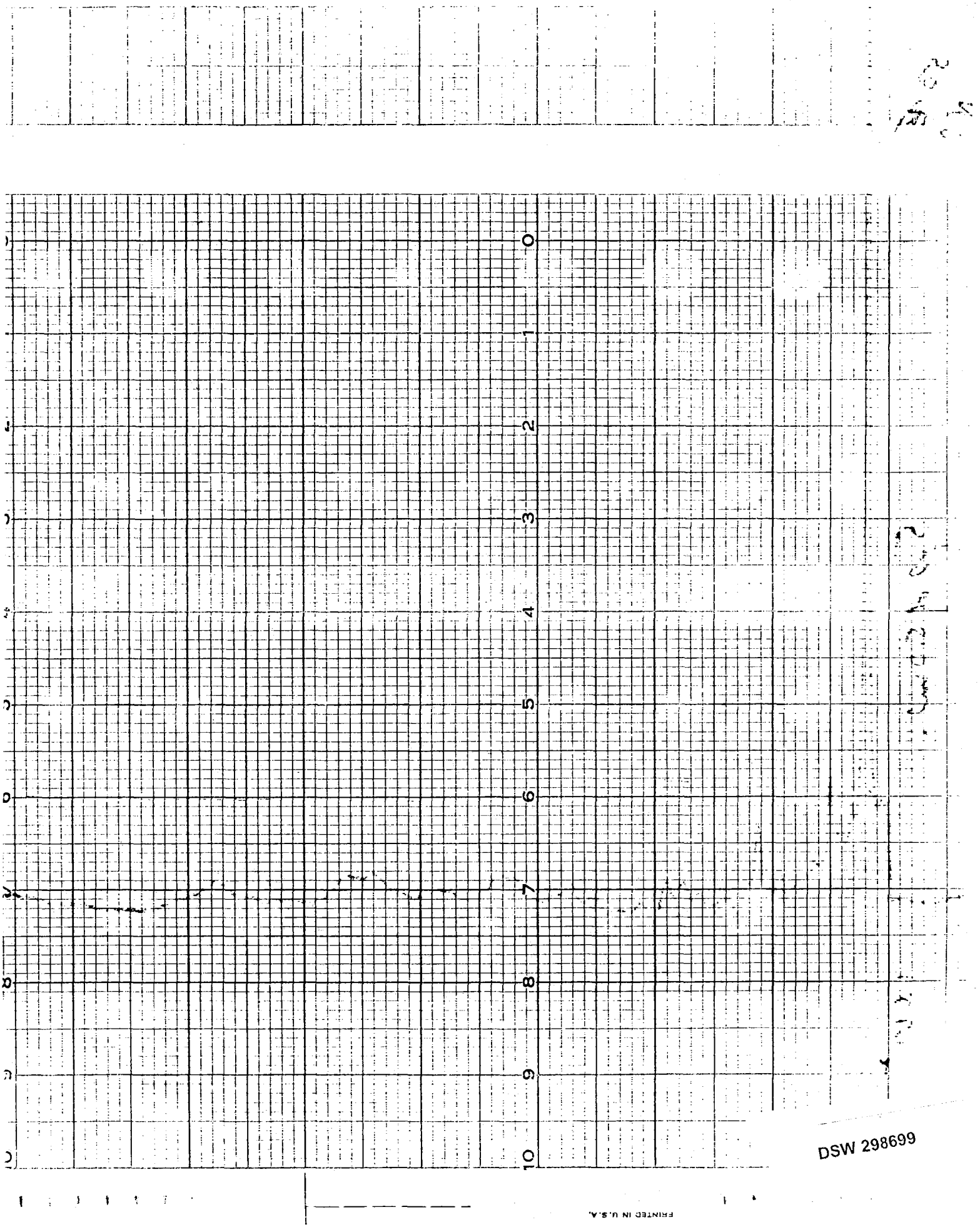
RT	ITM	FACTOR	AREA		%	NAME
1.02		1.00000	396	BV	.385	
1.31		1.00000	616	VV	.599	
1.44		1.00000	290	VV	.283	
1.53		1.00000	834	VV	.811	
1.90		1.00000	2400	VV	2.335	
2.06		1.00000	1094	VV	1.064	
2.26		1.00000	7228	VV	7.033	
2.44		1.00000	1808	VV	1.759	
2.78		1.00000	1582	VV	1.540	
2.90		1.00000	1287	VV	1.252	
3.11		1.00000	1027	VV	.999	
3.27		1.00000	2746	VV	2.672	
3.55		1.00000	5915	VV	5.756	
3.82		1.00000	4763	VV	4.635	
4.27		1.00000	2612	VV	2.542	
4.61		1.00000	289	VB	.282	
5.05		1.00000	2147	BV	2.089	
5.46		1.00000	5037	VB	4.901	
6.44		1.00000	4188	BV	4.076	
6.70		1.00000	6525	VV	6.349	
7.65		1.00000	5532	VV	5.383	
8.29		1.00000	1680	VV	1.635	59994
8.79		1.00000	9693	VV	9.432	
9.27		1.00000	11161	VV	10.861	
10.55		1.00000	2978	VV	2.898	
11.58		1.00000	15172	VV	14.764	
12.17		1.00000	2234	VV	2.174	
13.35		1.00000	345	VV	.336	
13.81		1.00000	562	VV	.547	
15.03		1.00000	625	BF	.608	

TOTAL AREA = 102764

DSW 298697



STLCOPCB4068611



DSW 298699

STLCOPCB4068612

REPORT NO. 43 PYDRAUL

CHAN# 4 METHOD: PCB4 SAMPLE: ~~2286 085~~ 10E-2E

5 pl of 4.5 ml.

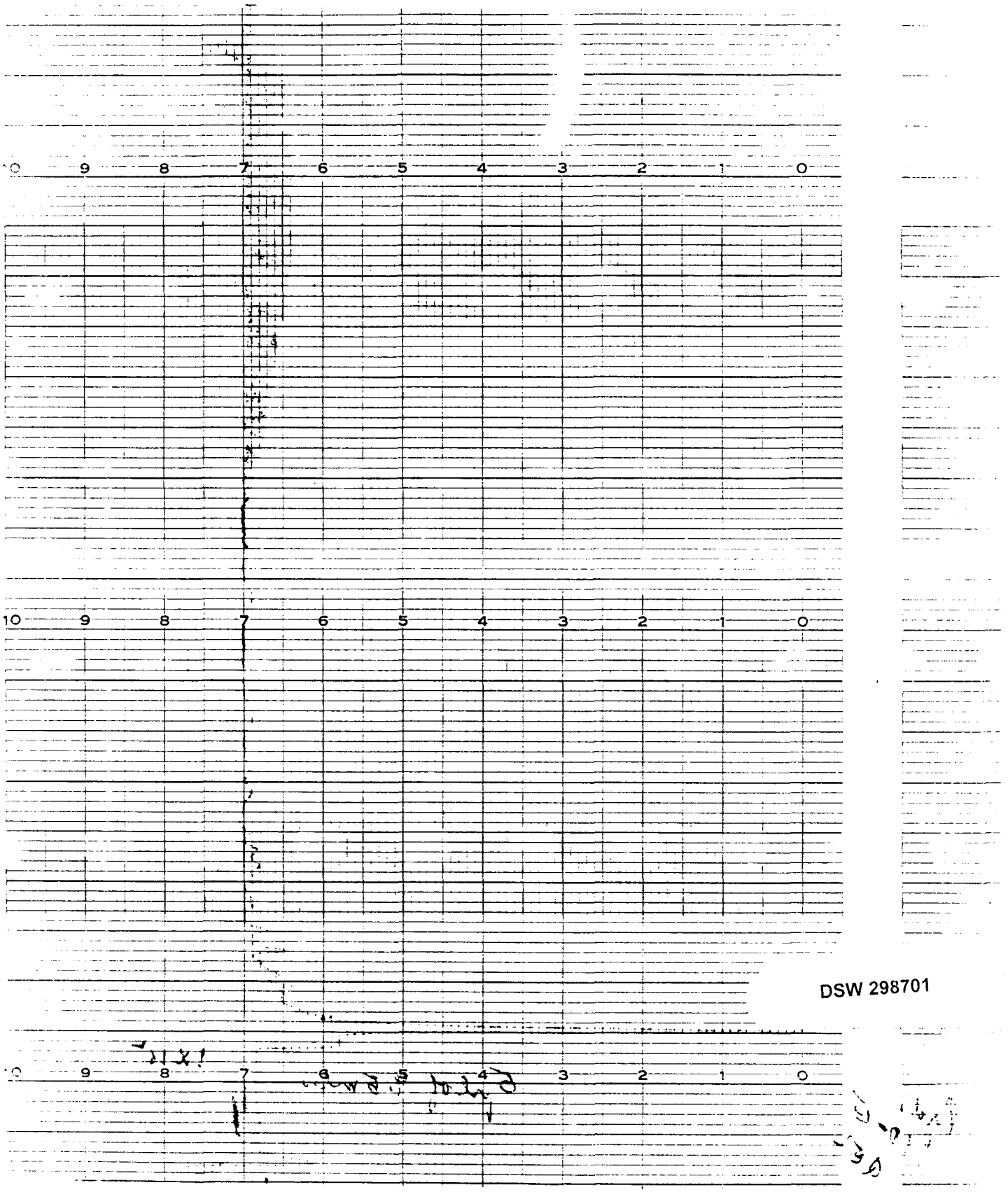
MIN AR	MV/M	DLY	DVT	DIL-FTR%
250	.300	1.00	0.00	100.00

ENDED NOT ON BL

RT	ITM	FACTOR	AREA		%	NAME
1.15		1.00000	711	BV	1.870	
1.34		1.00000	707	VV	1.859	
1.40		1.00000	781	VV	2.053	
1.87		1.00000	2701	BV	7.104	
2.05		1.00000	623	VV	1.639	
2.26		1.00000	2118	VV	5.571	
2.74		1.00000	1026	VV	2.698	
2.88		1.00000	1103	VV	2.901	
3.28		1.00000	1934	VV	5.086	
3.55		1.00000	3224	VV	8.480	
3.87		1.00000	2344	VV	6.166	
4.16		1.00000	534	VV	1.406	
4.24		1.00000	541	VV	1.423	
5.03		1.00000	3253	VV	8.558	
5.47		1.00000	1643	VV	4.321	
5.89		1.00000	255	VB	.670	
6.47		1.00000	933	BB	2.454	
7.93		1.00000	520	BB	1.368	
8.49		1.00000	440	BV	1.156	25388
8.89		1.00000	3522	VV	9.266	
9.81		1.00000	955	VV	2.513	
10.14		1.00000	325	VV	.854	
10.92		1.00000	602	VB	1.585	
11.98		1.00000	1514	BB	3.983	
13.63		1.00000	684	BV	1.798	
14.00		1.00000	2063	VV	5.428	
15.23		1.00000	888	VB	2.336	
16.32		1.00000	1028	BV	2.703	
17.23		1.00000	680	VV	1.788	
18.02		1.00000	367	VF	.964	

TOTAL AREA = 38016

DSW 298700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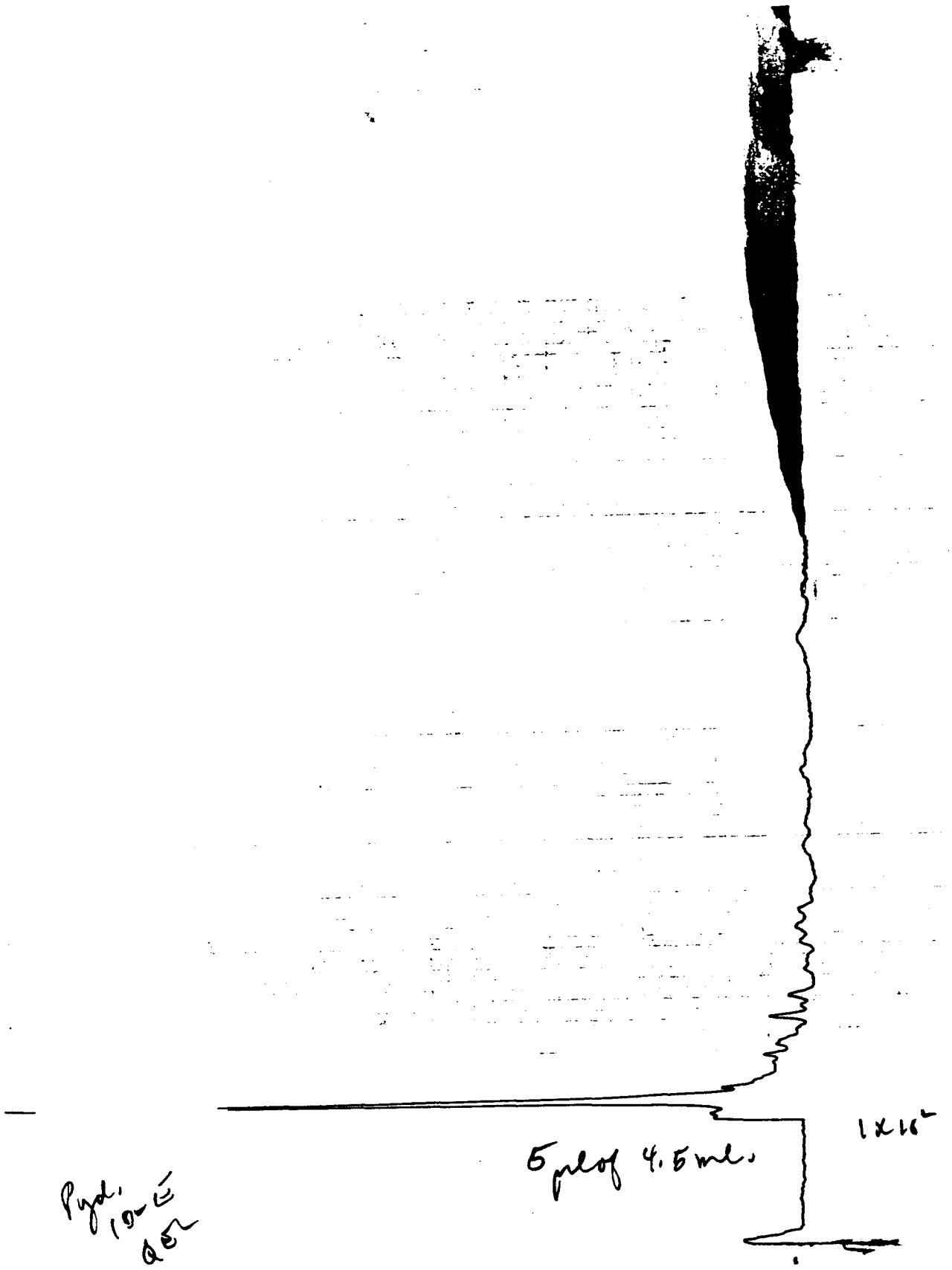
DSW 298701



DSW 298702

STLCOPCB4068615

REPORT NO. 52 PYDRAUL

CHAN# 4 METHOD: PCB4 SAMPLE: 230CQB5U

MIN AR MV/M DLY DVT DIL-FTR%
250 .300 1.00 0.00 100.00

ENDED NOT ON BL

RT	ITM	FACTOR	AREA		%	NAME
1.04		1.00000	1287	BV	.133	
1.12		1.00000	1086	VV	.112	
1.19		1.00000	420	VV	.044	
1.30		1.00000	251	VV	.026	
1.38		1.00000	898	VV	.093	
1.44		1.00000	1040	VV	.108	
1.60		1.00000	1908	VV	.198	
1.75		1.00000	700	VV	.072	
1.86		1.00000	2507	VV	.260	
2.21		1.00000	8246	VV	.854	
2.56		1.00000	772	VV	.080	
2.69		1.00000	973	VV	.101	
2.83		1.00000	1529	VV	.158	
3.16		1.00000	2658	VV	.275	
3.42		1.00000	3996	VV	.414	
3.74		1.00000	4673	VV	.484	
4.85		1.00000	2504	VV	.259	
5.26		1.00000	905	VV	.094	
5.55		1.00000	404	VB	.042	
6.42		1.00000	580	BV	.060	
6.85		1.00000	23066	VV	2.388	
7.66		1.00000	22622	VV	2.342	
8.51		1.00000	16024	VV	1.659	
9.71		1.00000	77040	VV	7.977	
10.78		1.00000	5488	VV	.568	
11.72		1.00000	43107	VV	4.463	
14.42		1.00000	172986	VV	17.912	
17.85		1.00000	113951	VV	11.799	
19.32		1.00000	23259	VV	2.408	
20.43		1.00000	108125	VV	11.196	
21.62		1.00000	100898	VV	10.447	
25.78		1.00000	98908	VV	10.241	
27.04		1.00000	59334	VV	6.144	
32.02		1.00000	45911	VV	4.754	
33.79		1.00000	17724	VF	1.835	

TOTAL AREA = 965778

DSW 298703

STLCOPCB4068616