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-- Black Oil PVT table no. 1
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-- BOT v0507
-- Generated from BOT file: "JK1GC.bot"
-- Based on compositions from collector: "BO_Collector"
-- Based on surface process: "Five-Stage"
-- Reservoir EOS = EOSSCNC31+
-- Surface oil EOS = EOSSCNC31+
-- Surface gas EOS = EOSSCNC31+
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-- NOTE (1): Surface conditions = 14.696 (psia), 60 (F)
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-- Surface densities for all fluid samples
-- NOTE (2): Manually select oil and gas surface density from the list
below
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-- deno (lbm/ft3) denw (lbm/ft3) deng (lbm/ft3)
DENSITY
-- 51.75 * 0.0687 / -- Feed = EQL_Expt_004_Stg_023, BP = 100.0
-- 51.47 * 0.0718 / -- Feed = EQL_Expt_004_Stg_022, BP = 200.0
-- 51.01 * 0.0708 / -- Feed = EQL_Expt_004_Stg_021, BP = 500.0
-- 50.72 * 0.0695 / -- Feed = EQL_Expt_004_Stg_020, BP = 1000.0
-- 50.65 * 0.0681 / -- Feed = EQL_Expt_004_Stg_019, BP = 1250.0
-- 50.59 * 0.0668 / -- Feed = EQL_Expt_004_Stg_018, BP = 1500.0
-- 50.55 * 0.0656 / -- Feed = EQL_Expt_004_Stg_017, BP = 1750.0
-- 50.53 * 0.0646 / -- Feed = EQL_Expt_004_Stg_016, BP = 2000.0
-- 50.51 * 0.0636 / -- Feed = EQL_Expt_004_Stg_015, BP = 2250.0
-- 50.50 * 0.0627 / -- Feed = EQL_Expt_004_Stg_014, BP = 2500.0
-- 50.50 * 0.0619 / -- Feed = EQL_Expt_004_Stg_013, BP = 2750.0
-- 50.49 * 0.0612 / -- Feed = EQL_Expt_004_Stg_012, BP = 3000.0
-- 50.49 * 0.0606 / -- Feed = EQL_Expt_004_Stg_011, BP = 3250.0
-- 50.49 * 0.0600 / -- Feed = EQL_Expt_004_Stg_010, BP = 3500.0
-- 50.49 * 0.0595 / -- Feed = EQL_Expt_004_Stg_009, BP = 3750.0
-- 50.48 * 0.0590 / -- Feed = EQL_Expt_004_Stg_008, BP = 4000.0
-- 50.46 * 0.0586 / -- Feed = EQL_Expt_004_Stg_007, BP = 4250.0
-- 50.44 * 0.0582 / -- Feed = EQL_Expt_004_Stg_006, BP = 4500.0
-- 50.39 * 0.0578 / -- Feed = EQL_Expt_004_Stg_005, BP = 4750.0
-- 50.31 * 0.0575 / -- Feed = EQL_Expt_004_Stg_004, BP = 5000.0
-- 50.18 * 0.0571 / -- Feed = EQL_Expt_004_Stg_003, BP = 5250.0
-- 49.88 * 0.0568 / -- Feed = EQL_Expt_004_Stg_002, BP = 5500.0
-- 49.73 * 0.0566 / -- Feed = EQL_Expt_004_Stg_001, BP = 5549.7
-- 44.41 * 0.0676 / -- Feed = EQV_Expt_004_Stg_023, DP = 100.0
-- 44.33 * 0.0639 / -- Feed = EQV_Expt_004_Stg_022, DP = 200.0
-- 44.43 * 0.0602 / -- Feed = EQV_Expt_004_Stg_021, DP = 500.0
-- 44.79 * 0.0581 / -- Feed = EQV_Expt_004_Stg_020, DP = 1000.0
-- 44.97 * 0.0575 / -- Feed = EQV_Expt_004_Stg_019, DP = 1250.0
-- 45.13 * 0.0571 / -- Feed = EQV_Expt_004_Stg_018, DP = 1500.0
-- 45.29 * 0.0569 / -- Feed = EQV_Expt_004_Stg_017, DP = 1750.0
-- 45.46 * 0.0566 / -- Feed = EQV_Expt_004_Stg_016, DP = 2000.0
-- 45.62 * 0.0565 / -- Feed = EQV_Expt_004_Stg_015, DP = 2250.0
-- 45.80 * 0.0564 / -- Feed = EQV_Expt_004_Stg_014, DP = 2500.0
-- 45.98 * 0.0563 / -- Feed = EQV_Expt_004_Stg_013, DP = 2750.0
-- 46.17 * 0.0562 / -- Feed = EQV_Expt_004_Stg_012, DP = 3000.0
-- 46.37 * 0.0562 / -- Feed = EQV_Expt_004_Stg_011, DP = 3250.0
-- 46.58 * 0.0561 / -- Feed = EQV_Expt_004_Stg_010, DP = 3500.0
-- 46.80 * 0.0561 / -- Feed = EQV_Expt_004_Stg_009, DP = 3750.0
-- 47.04 * 0.0561 / -- Feed = EQV_Expt_004_Stg_008, DP = 4000.0

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-- 47.29 * 0.0561 / -- Feed = EQV_Expt_004_Stg_007, DP = 4250.0
-- 47.56 * 0.0561 / -- Feed = EQV_Expt_004_Stg_006, DP = 4500.0
-- 47.86 * 0.0561 / -- Feed = EQV_Expt_004_Stg_005, DP = 4750.0
-- 48.19 * 0.0562 / -- Feed = EQV_Expt_004_Stg_004, DP = 5000.0
-- 48.58 * 0.0562 / -- Feed = EQV_Expt_004_Stg_003, DP = 5250.0
-- 49.13 * 0.0564 / -- Feed = EQV_Expt_004_Stg_002, DP = 5500.0
 49.34 * 0.0564 / -- Feed = EQV_Expt_004_Stg_001, DP = 5549.7
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-- Oil PVT table no. 1
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-- Rs (Mscf/bbl) pres(psia) Bo (rb/stb) Viso (cp)
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Rs (Mscf/bbl)	pres(psia)	Bo (rb/stb)	Viso (cp)
9.831e-003	100.00	1.0904	0.51195
	200.00	1.0886	0.51990
	500.00	1.0834	0.54356
	1000.00	1.0755	0.58235
	1250.00	1.0718	0.60145
	1500.00	1.0684	0.62036
	1750.00	1.0651	0.63909
	2000.00	1.0620	0.65763
	2250.00	1.0591	0.67600
	2500.00	1.0562	0.69420
	2750.00	1.0535	0.71222
	3000.00	1.0510	0.73007
	3250.00	1.0485	0.74775
	3500.00	1.0461	0.76527
	3750.00	1.0438	0.78263
	4000.00	1.0416	0.79982
	4250.00	1.0395	0.81685
	4500.00	1.0375	0.83373
	4750.00	1.0355	0.85045
	5000.00	1.0336	0.86702
	5250.00	1.0318	0.88343
	5500.00	1.0300	0.89969
	5549.67	1.0297	0.90291
	6000.00	1.0267	0.93178
	7000.00	1.0206	0.99421
	8000.00	1.0151	1.05441
	9000.00	1.0102	1.11248
	10000.00	1.0058	1.16852
	11000.00	1.0018	1.22261 /
3.045e-002	200.00	1.1055	0.47042
	500.00	1.0997	0.49299
	1000.00	1.0910	0.53005
	1250.00	1.0870	0.54832
	1500.00	1.0832	0.56642
	1750.00	1.0796	0.58436
	2000.00	1.0762	0.60214
	2250.00	1.0730	0.61977
	2500.00	1.0699	0.63724
	2750.00	1.0670	0.65456
	3000.00	1.0642	0.67172
	3250.00	1.0615	0.68874
	3500.00	1.0589	0.70561
	3750.00	1.0564	0.72233
	4000.00	1.0541	0.73891
	4250.00	1.0518	0.75535
	4500.00	1.0496	0.77165
	4750.00	1.0475	0.78781
	5000.00	1.0454	0.80383
	5250.00	1.0435	0.81971
	5500.00	1.0416	0.83545
	5549.67	1.0412	0.83857

	6000.00	1.0379	0.86654
	7000.00	1.0314	0.92715
	8000.00	1.0255	0.98572
	9000.00	1.0203	1.04233
	10000.00	1.0156	1.09707
	11000.00	1.0113	1.15000 /
1.021e-001	500.00	1.1523	0.38666
	1000.00	1.1411	0.41951
	1250.00	1.1360	0.43575
	1500.00	1.1312	0.45187
	1750.00	1.1267	0.46788
	2000.00	1.1224	0.48377
	2250.00	1.1184	0.49955
	2500.00	1.1146	0.51522
	2750.00	1.1109	0.53078
	3000.00	1.1075	0.54624
	3250.00	1.1042	0.56158
	3500.00	1.1010	0.57683
	3750.00	1.0980	0.59196
	4000.00	1.0951	0.60699
	4250.00	1.0923	0.62191
	4500.00	1.0896	0.63674
	4750.00	1.0871	0.65145
	5000.00	1.0846	0.66607
	5250.00	1.0822	0.68058
	5500.00	1.0799	0.69499
	5549.67	1.0795	0.69784
	6000.00	1.0756	0.72350
	7000.00	1.0677	0.77932
	8000.00	1.0608	0.83355
	9000.00	1.0546	0.88624
	10000.00	1.0490	0.93741
	11000.00	1.0440	0.98711 /
2.452e-001	1000.00	1.2394	0.29990
	1250.00	1.2320	0.31338
	1500.00	1.2252	0.32680
	1750.00	1.2188	0.34014
	2000.00	1.2129	0.35343
	2250.00	1.2072	0.36665
	2500.00	1.2020	0.37982
	2750.00	1.1970	0.39292
	3000.00	1.1922	0.40596
	3250.00	1.1877	0.41895
	3500.00	1.1835	0.43188
	3750.00	1.1794	0.44474
	4000.00	1.1755	0.45755
	4250.00	1.1718	0.47030
	4500.00	1.1683	0.48298
	4750.00	1.1649	0.49561
	5000.00	1.1616	0.50817
	5250.00	1.1585	0.52068
	5500.00	1.1555	0.53312
	5549.67	1.1549	0.53558
	6000.00	1.1498	0.55781
	7000.00	1.1396	0.60645
	8000.00	1.1307	0.65406
	9000.00	1.1228	0.70062
	10000.00	1.1157	0.74615
	11000.00	1.1094	0.79064 /
3.212e-001	1250.00	1.2835	0.26906
	1500.00	1.2754	0.28130
	1750.00	1.2679	0.29350
	2000.00	1.2609	0.30565
	2250.00	1.2544	0.31775

	2500.00	1.2482	0.32981
	2750.00	1.2424	0.34184
	3000.00	1.2369	0.35381
	3250.00	1.2318	0.36575
	3500.00	1.2268	0.37765
	3750.00	1.2222	0.38950
	4000.00	1.2177	0.40131
	4250.00	1.2135	0.41308
	4500.00	1.2095	0.42480
	4750.00	1.2056	0.43648
	5000.00	1.2019	0.44812
	5250.00	1.1984	0.45971
	5500.00	1.1950	0.47125
	5549.67	1.1943	0.47354
	6000.00	1.1885	0.49420
	7000.00	1.1770	0.53951
	8000.00	1.1670	0.58401
	9000.00	1.1582	0.62769
	10000.00	1.1503	0.67051
	11000.00	1.1433	0.71247 /
4.011e-001	1500.00	1.3291	0.24302
	1750.00	1.3202	0.25415
	2000.00	1.3120	0.26524
	2250.00	1.3044	0.27630
	2500.00	1.2972	0.28734
	2750.00	1.2905	0.29834
	3000.00	1.2842	0.30932
	3250.00	1.2782	0.32027
	3500.00	1.2726	0.33120
	3750.00	1.2672	0.34209
	4000.00	1.2622	0.35296
	4250.00	1.2573	0.36380
	4500.00	1.2527	0.37461
	4750.00	1.2484	0.38539
	5000.00	1.2442	0.39614
	5250.00	1.2402	0.40685
	5500.00	1.2363	0.41754
	5549.67	1.2356	0.41966
	6000.00	1.2291	0.43880
	7000.00	1.2162	0.48091
	8000.00	1.2050	0.52240
	9000.00	1.1951	0.56325
	10000.00	1.1864	0.60342
	11000.00	1.1786	0.64288 /
4.856e-001	1750.00	1.3766	0.22078
	2000.00	1.3669	0.23090
	2250.00	1.3580	0.24099
	2500.00	1.3497	0.25106
	2750.00	1.3419	0.26112
	3000.00	1.3346	0.27116
	3250.00	1.3277	0.28119
	3500.00	1.3213	0.29120
	3750.00	1.3152	0.30120
	4000.00	1.3094	0.31118
	4250.00	1.3039	0.32114
	4500.00	1.2987	0.33109
	4750.00	1.2937	0.34102
	5000.00	1.2890	0.35092
	5250.00	1.2844	0.36081
	5500.00	1.2801	0.37067
	5549.67	1.2793	0.37263
	6000.00	1.2720	0.39034
	7000.00	1.2575	0.42937
	8000.00	1.2450	0.46796
	9000.00	1.2340	0.50607

	10000.00	1.2243	0.54365
	11000.00	1.2157	0.58066 /
5.749e-001	2000.00	1.4262	0.20161
	2250.00	1.4158	0.21081
	2500.00	1.4061	0.22000
	2750.00	1.3970	0.22917
	3000.00	1.3886	0.23835
	3250.00	1.3807	0.24751
	3500.00	1.3733	0.25667
	3750.00	1.3663	0.26582
	4000.00	1.3597	0.27497
	4250.00	1.3535	0.28411
	4500.00	1.3476	0.29324
	4750.00	1.3419	0.30236
	5000.00	1.3366	0.31148
	5250.00	1.3315	0.32058
	5500.00	1.3266	0.32967
	5549.67	1.3256	0.33148
	6000.00	1.3174	0.34781
	7000.00	1.3012	0.38392
	8000.00	1.2873	0.41973
	9000.00	1.2751	0.45519
	10000.00	1.2644	0.49026
	11000.00	1.2549	0.52490 /
6.696e-001	2250.00	1.4783	0.18496
	2500.00	1.4670	0.19332
	2750.00	1.4565	0.20169
	3000.00	1.4468	0.21005
	3250.00	1.4377	0.21842
	3500.00	1.4292	0.22678
	3750.00	1.4212	0.23515
	4000.00	1.4136	0.24352
	4250.00	1.4065	0.25188
	4500.00	1.3998	0.26025
	4750.00	1.3934	0.26862
	5000.00	1.3874	0.27699
	5250.00	1.3816	0.28535
	5500.00	1.3761	0.29371
	5549.67	1.3750	0.29537
	6000.00	1.3658	0.31042
	7000.00	1.3477	0.34374
	8000.00	1.3322	0.37690
	9000.00	1.3187	0.40983
	10000.00	1.3068	0.44249
	11000.00	1.2963	0.47483 /
7.702e-001	2500.00	1.5331	0.17037
	2750.00	1.5209	0.17799
	3000.00	1.5096	0.18560
	3250.00	1.4992	0.19323
	3500.00	1.4894	0.20086
	3750.00	1.4802	0.20849
	4000.00	1.4716	0.21613
	4250.00	1.4635	0.22378
	4500.00	1.4559	0.23144
	4750.00	1.4487	0.23910
	5000.00	1.4418	0.24677
	5250.00	1.4353	0.25444
	5500.00	1.4291	0.26211
	5549.67	1.4279	0.26363
	6000.00	1.4176	0.27746
	7000.00	1.3973	0.30816
	8000.00	1.3800	0.33879
	9000.00	1.3651	0.36931
	10000.00	1.3519	0.39965

	11000.00	1.3403	0.42977 /
8.775e-001	2750.00	1.5912	0.15751
	3000.00	1.5781	0.16444
	3250.00	1.5659	0.17137
	3500.00	1.5547	0.17832
	3750.00	1.5442	0.18528
	4000.00	1.5343	0.19225
	4250.00	1.5251	0.19923
	4500.00	1.5164	0.20622
	4750.00	1.5082	0.21322
	5000.00	1.5005	0.22023
	5250.00	1.4931	0.22725
	5500.00	1.4861	0.23428
	5549.67	1.4848	0.23568
	6000.00	1.4731	0.24836
	7000.00	1.4504	0.27657
	8000.00	1.4312	0.30482
	9000.00	1.4146	0.33303
	10000.00	1.4001	0.36115
	11000.00	1.3873	0.38914 /
9.924e-001	3000.00	1.6530	0.14606
	3250.00	1.6389	0.15237
	3500.00	1.6259	0.15869
	3750.00	1.6138	0.16502
	4000.00	1.6026	0.17136
	4250.00	1.5920	0.17772
	4500.00	1.5821	0.18409
	4750.00	1.5728	0.19048
	5000.00	1.5640	0.19688
	5250.00	1.5557	0.20329
	5500.00	1.5478	0.20971
	5549.67	1.5463	0.21099
	6000.00	1.5332	0.22260
	7000.00	1.5078	0.24848
	8000.00	1.4863	0.27446
	9000.00	1.4679	0.30047
	10000.00	1.4519	0.32648
	11000.00	1.4377	0.35243 /
1.116e+000	3250.00	1.7193	0.13580
	3500.00	1.7042	0.14154
	3750.00	1.6903	0.14729
	4000.00	1.6773	0.15305
	4250.00	1.6652	0.15883
	4500.00	1.6539	0.16463
	4750.00	1.6433	0.17044
	5000.00	1.6333	0.17627
	5250.00	1.6239	0.18212
	5500.00	1.6150	0.18798
	5549.67	1.6132	0.18914
	6000.00	1.5985	0.19974
	7000.00	1.5700	0.22342
	8000.00	1.5460	0.24726
	9000.00	1.5256	0.27120
	10000.00	1.5078	0.29518
	11000.00	1.4922	0.31917 /
1.250e+000	3500.00	1.7910	0.12651
	3750.00	1.7749	0.13172
	4000.00	1.7599	0.13695
	4250.00	1.7460	0.14220
	4500.00	1.7330	0.14746
	4750.00	1.7209	0.15274
	5000.00	1.7095	0.15804
	5250.00	1.6988	0.16336

	5500.00	1.6887	0.16869
	5549.67	1.6867	0.16975
	6000.00	1.6701	0.17941
	7000.00	1.6380	0.20102
	8000.00	1.6113	0.22283
	9000.00	1.5885	0.24479
	10000.00	1.5688	0.26685
	11000.00	1.5516	0.28897 /
1.397e+000	3750.00	1.8694	0.11802
	4000.00	1.8520	0.12276
	4250.00	1.8360	0.12751
	4500.00	1.8210	0.13228
	4750.00	1.8071	0.13706
	5000.00	1.7941	0.14186
	5250.00	1.7819	0.14669
	5500.00	1.7704	0.15152
	5549.67	1.7681	0.15249
	6000.00	1.7492	0.16126
	7000.00	1.7131	0.18092
	8000.00	1.6831	0.20082
	9000.00	1.6577	0.22090
	10000.00	1.6358	0.24113
	11000.00	1.6167	0.26145 /
1.560e+000	4000.00	1.9560	0.11018
	4250.00	1.9373	0.11447
	4500.00	1.9201	0.11878
	4750.00	1.9040	0.12311
	5000.00	1.8890	0.12745
	5250.00	1.8750	0.13181
	5500.00	1.8619	0.13619
	5549.67	1.8594	0.13706
	6000.00	1.8378	0.14500
	7000.00	1.7969	0.16283
	8000.00	1.7631	0.18091
	9000.00	1.7347	0.19921
	10000.00	1.7103	0.21768
	11000.00	1.6890	0.23628 /
1.741e+000	4250.00	2.0534	0.10285
	4500.00	2.0332	0.10673
	4750.00	2.0146	0.11063
	5000.00	1.9972	0.11454
	5250.00	1.9811	0.11847
	5500.00	1.9659	0.12241
	5549.67	1.9630	0.12320
	6000.00	1.9383	0.13036
	7000.00	1.8917	0.14646
	8000.00	1.8535	0.16283
	9000.00	1.8215	0.17943
	10000.00	1.7942	0.19622
	11000.00	1.7705	0.21316 /
1.949e+000	4500.00	2.1652	0.09588
	4750.00	2.1433	0.09938
	5000.00	2.1231	0.10289
	5250.00	2.1043	0.10641
	5500.00	2.0867	0.10995
	5549.67	2.0833	0.11066
	6000.00	2.0548	0.11708
	7000.00	2.0013	0.13155
	8000.00	1.9578	0.14628
	9000.00	1.9215	0.16125
	10000.00	1.8907	0.17642
	11000.00	1.8640	0.19177 /

2.193e+000	4750.00	2.2978	0.08911
	5000.00	2.2739	0.09224
	5250.00	2.2517	0.09538
	5500.00	2.2310	0.09854
	5549.67	2.2271	0.09917
	6000.00	2.1937	0.10490
	7000.00	2.1316	0.11780
	8000.00	2.0815	0.13096
	9000.00	2.0400	0.14435
	10000.00	2.0049	0.15796
	11000.00	1.9746	0.17175 /
2.493e+000	5000.00	2.4637	0.08229
	5250.00	2.4370	0.08507
	5500.00	2.4123	0.08785
	5549.67	2.4076	0.08841
	6000.00	2.3678	0.09346
	7000.00	2.2943	0.10485
	8000.00	2.2356	0.11646
	9000.00	2.1873	0.12831
	10000.00	2.1467	0.14036
	11000.00	2.1119	0.15260 /
2.900e+000	5250.00	2.6934	0.07493
	5500.00	2.6627	0.07735
	5549.67	2.6568	0.07783
	6000.00	2.6077	0.08220
	7000.00	2.5177	0.09205
	8000.00	2.4467	0.10209
	9000.00	2.3887	0.11233
	10000.00	2.3402	0.12278
	11000.00	2.2989	0.13340 /
3.636e+000	5500.00	3.1299	0.06506
	5549.67	3.1217	0.06545
	6000.00	3.0537	0.06903
	7000.00	2.9311	0.07702
	8000.00	2.8357	0.08515
	9000.00	2.7589	0.09344
	10000.00	2.6953	0.10190
	11000.00	2.6416	0.11052 /
3.985e+000	5549.67	3.3462	0.06143
	6000.00	3.2686	0.06475
	7000.00	3.1294	0.07214
	8000.00	3.0219	0.07964
	9000.00	2.9357	0.08728
	10000.00	2.8647	0.09507
	11000.00	2.8048	0.10302 /

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 -- Gas PVT table no. 1

--	dewpoint(psia)	rv(bbl/Mscf)	Bg(rb/Mscf)	Visg(cp)
PVTG				
100.00	1.5205e-001	4.1279e+001	0.01222	/
200.00	7.9921e-002	1.9071e+001	0.01282	/
500.00	3.9473e-002	7.1265e+000	0.01358	/
1000.00	2.8780e-002	3.4011e+000	0.01456	/
1250.00	2.8194e-002	2.6824e+000	0.01513	/

1500.00	2.8974e-002	2.2122e+000	0.01580
	2.8194e-002	2.2079e+000	0.01581 /
1750.00	3.0711e-002	1.8830e+000	0.01658
	2.8974e-002	1.8807e+000	0.01658
	2.8194e-002	1.8768e+000	0.01659 /
2000.00	3.3213e-002	1.6415e+000	0.01749
	3.0711e-002	1.6407e+000	0.01746
	2.8974e-002	1.6386e+000	0.01745
	2.8194e-002	1.6351e+000	0.01748 /
2250.00	3.6388e-002	1.4583e+000	0.01853
	3.3213e-002	1.4585e+000	0.01846
	3.0711e-002	1.4577e+000	0.01842
	2.8974e-002	1.4559e+000	0.01841
	2.8194e-002	1.4526e+000	0.01844 /
2500.00	4.0194e-002	1.3159e+000	0.01971
	3.6388e-002	1.3166e+000	0.01959
	3.3213e-002	1.3167e+000	0.01950
	3.0711e-002	1.3159e+000	0.01945
	2.8974e-002	1.3142e+000	0.01943
	2.8194e-002	1.3113e+000	0.01947 /
2750.00	4.4622e-002	1.2031e+000	0.02103
	4.0194e-002	1.2041e+000	0.02084
	3.6388e-002	1.2045e+000	0.02069
	3.3213e-002	1.2044e+000	0.02058
	3.0711e-002	1.2036e+000	0.02052
	2.8974e-002	1.2020e+000	0.02050
	2.8194e-002	1.1994e+000	0.02055 /
3000.00	4.9687e-002	1.1124e+000	0.02248
	4.4622e-002	1.1134e+000	0.02221
	4.0194e-002	1.1140e+000	0.02199
	3.6388e-002	1.1141e+000	0.02182
	3.3213e-002	1.1138e+000	0.02169
	3.0711e-002	1.1129e+000	0.02162
	2.8974e-002	1.1114e+000	0.02160
	2.8194e-002	1.1091e+000	0.02166 /
3250.00	5.5426e-002	1.0387e+000	0.02407
	4.9687e-002	1.0395e+000	0.02370
	4.4622e-002	1.0401e+000	0.02340
	4.0194e-002	1.0402e+000	0.02316
	3.6388e-002	1.0401e+000	0.02296
	3.3213e-002	1.0396e+000	0.02282
	3.0711e-002	1.0386e+000	0.02273
	2.8974e-002	1.0372e+000	0.02271
	2.8194e-002	1.0351e+000	0.02278 /
3500.00	6.1900e-002	9.7843e-001	0.02579
	5.5426e-002	9.7892e-001	0.02532
	4.9687e-002	9.7917e-001	0.02492
	4.4622e-002	9.7919e-001	0.02459
	4.0194e-002	9.7898e-001	0.02432
	3.6388e-002	9.7852e-001	0.02410
	3.3213e-002	9.7782e-001	0.02395
	3.0711e-002	9.7681e-001	0.02385
	2.8974e-002	9.7541e-001	0.02383
	2.8194e-002	9.7351e-001	0.02390 /
3750.00	6.9206e-002	9.2899e-001	0.02765
	6.1900e-002	9.2891e-001	0.02705
	5.5426e-002	9.2872e-001	0.02654

	4.9687e-002	9.2842e-001	0.02612
	4.4622e-002	9.2798e-001	0.02576
	4.0194e-002	9.2741e-001	0.02546
	3.6388e-002	9.2670e-001	0.02523
	3.3213e-002	9.2582e-001	0.02506
	3.0711e-002	9.2473e-001	0.02496
	2.8974e-002	9.2338e-001	0.02493
	2.8194e-002	9.2166e-001	0.02501 /
4000.00	7.7484e-002	8.8844e-001	0.02966
	6.9206e-002	8.8760e-001	0.02891
	6.1900e-002	8.8681e-001	0.02828
	5.5426e-002	8.8603e-001	0.02774
	4.9687e-002	8.8524e-001	0.02729
	4.4622e-002	8.8440e-001	0.02691
	4.0194e-002	8.8351e-001	0.02659
	3.6388e-002	8.8255e-001	0.02634
	3.3213e-002	8.8152e-001	0.02616
	3.0711e-002	8.8035e-001	0.02605
	2.8974e-002	8.7903e-001	0.02602
	2.8194e-002	8.7749e-001	0.02611 /
4250.00	8.6945e-002	8.5542e-001	0.03185
	7.7484e-002	8.5361e-001	0.03092
	6.9206e-002	8.5205e-001	0.03014
	6.1900e-002	8.5064e-001	0.02948
	5.5426e-002	8.4934e-001	0.02891
	4.9687e-002	8.4810e-001	0.02843
	4.4622e-002	8.4690e-001	0.02803
	4.0194e-002	8.4572e-001	0.02769
	3.6388e-002	8.4455e-001	0.02743
	3.3213e-002	8.4336e-001	0.02724
	3.0711e-002	8.4214e-001	0.02712
	2.8974e-002	8.4085e-001	0.02709
	2.8194e-002	8.3946e-001	0.02719 /
4500.00	9.7920e-002	8.2900e-001	0.03427
	8.6945e-002	8.2593e-001	0.03311
	7.7484e-002	8.2338e-001	0.03214
	6.9206e-002	8.2118e-001	0.03133
	6.1900e-002	8.1924e-001	0.03064
	5.5426e-002	8.1748e-001	0.03005
	4.9687e-002	8.1585e-001	0.02954
	4.4622e-002	8.1433e-001	0.02912
	4.0194e-002	8.1290e-001	0.02877
	3.6388e-002	8.1153e-001	0.02849
	3.3213e-002	8.1021e-001	0.02829
	3.0711e-002	8.0893e-001	0.02817
	2.8974e-002	8.0766e-001	0.02814
	2.8194e-002	8.0641e-001	0.02824 /
4750.00	1.1097e-001	8.0870e-001	0.03700
	9.7920e-002	8.0392e-001	0.03552
	8.6945e-002	8.0009e-001	0.03432
	7.7484e-002	7.9690e-001	0.03332
	6.9206e-002	7.9415e-001	0.03248
	6.1900e-002	7.9173e-001	0.03176
	5.5426e-002	7.8956e-001	0.03115
	4.9687e-002	7.8760e-001	0.03063
	4.4622e-002	7.8579e-001	0.03019
	4.0194e-002	7.8413e-001	0.02982
	3.6388e-002	7.8258e-001	0.02953
	3.3213e-002	7.8115e-001	0.02932
	3.0711e-002	7.7981e-001	0.02919
	2.8974e-002	7.7856e-001	0.02916
	2.8194e-002	7.7743e-001	0.02926 /

5000.00	1.2715e-001	7.9460e-001	0.04022
	1.1097e-001	7.8729e-001	0.03826
	9.7920e-002	7.8173e-001	0.03674
	8.6945e-002	7.7725e-001	0.03550
	7.7484e-002	7.7350e-001	0.03447
	6.9206e-002	7.7027e-001	0.03360
	6.1900e-002	7.6743e-001	0.03286
	5.5426e-002	7.6491e-001	0.03222
	4.9687e-002	7.6264e-001	0.03168
	4.4622e-002	7.6058e-001	0.03122
	4.0194e-002	7.5872e-001	0.03084
	3.6388e-002	7.5702e-001	0.03054
	3.3213e-002	7.5548e-001	0.03032
	3.0711e-002	7.5409e-001	0.03019
	2.8974e-002	7.5286e-001	0.03016
	2.8194e-002	7.5184e-001	0.03026 /
5250.00	1.4905e-001	7.8806e-001	0.04435
	1.2715e-001	7.7630e-001	0.04150
	1.1097e-001	7.6818e-001	0.03949
	9.7920e-002	7.6195e-001	0.03792
	8.6945e-002	7.5691e-001	0.03665
	7.7484e-002	7.5267e-001	0.03559
	6.9206e-002	7.4901e-001	0.03469
	6.1900e-002	7.4582e-001	0.03392
	5.5426e-002	7.4298e-001	0.03327
	4.9687e-002	7.4044e-001	0.03271
	4.4622e-002	7.3816e-001	0.03223
	4.0194e-002	7.3611e-001	0.03184
	3.6388e-002	7.3427e-001	0.03153
	3.3213e-002	7.3264e-001	0.03130
	3.0711e-002	7.3121e-001	0.03116
	2.8974e-002	7.3000e-001	0.03113
	2.8194e-002	7.2908e-001	0.03124 /
5500.00	1.8838e-001	7.9735e-001	0.05132
	1.4905e-001	7.7249e-001	0.04570
	1.2715e-001	7.5983e-001	0.04276
	1.1097e-001	7.5102e-001	0.04069
	9.7920e-002	7.4421e-001	0.03908
	8.6945e-002	7.3866e-001	0.03777
	7.7484e-002	7.3400e-001	0.03667
	6.9206e-002	7.2997e-001	0.03575
	6.1900e-002	7.2645e-001	0.03496
	5.5426e-002	7.2334e-001	0.03428
	4.9687e-002	7.2057e-001	0.03370
	4.4622e-002	7.1809e-001	0.03322
	4.0194e-002	7.1587e-001	0.03281
	3.6388e-002	7.1391e-001	0.03249
	3.3213e-002	7.1219e-001	0.03225
	3.0711e-002	7.1072e-001	0.03211
	2.8974e-002	7.0954e-001	0.03208
	2.8194e-002	7.0870e-001	0.03219 /
5549.67	2.0674e-001	8.0731e-001	0.05440
	1.8838e-001	7.9470e-001	0.05162
	1.4905e-001	7.6957e-001	0.04597
	1.2715e-001	7.5676e-001	0.04301
	1.1097e-001	7.4781e-001	0.04092
	9.7920e-002	7.4090e-001	0.03930
	8.6945e-002	7.3526e-001	0.03798
	7.7484e-002	7.3051e-001	0.03689
	6.9206e-002	7.2642e-001	0.03596
	6.1900e-002	7.2284e-001	0.03516
	5.5426e-002	7.1968e-001	0.03448
	4.9687e-002	7.1686e-001	0.03390
	4.4622e-002	7.1434e-001	0.03341

	4.0194e-002	7.1210e-001	0.03300
	3.6388e-002	7.1012e-001	0.03268
	3.3213e-002	7.0838e-001	0.03244
	3.0711e-002	7.0691e-001	0.03229
	2.8974e-002	7.0572e-001	0.03226
	2.8194e-002	7.0490e-001	0.03237 /
6000.00	2.0674e-001	7.8611e-001	0.05727
	1.8838e-001	7.7266e-001	0.05432
	1.4905e-001	7.4548e-001	0.04834
	1.2715e-001	7.3137e-001	0.04522
	1.1097e-001	7.2140e-001	0.04302
	9.7920e-002	7.1364e-001	0.04132
	8.6945e-002	7.0727e-001	0.03993
	7.7484e-002	7.0189e-001	0.03878
	6.9206e-002	6.9726e-001	0.03780
	6.1900e-002	6.9320e-001	0.03696
	5.5426e-002	6.8962e-001	0.03625
	4.9687e-002	6.8645e-001	0.03563
	4.4622e-002	6.8363e-001	0.03512
	4.0194e-002	6.8115e-001	0.03469
	3.6388e-002	6.7897e-001	0.03435
	3.3213e-002	6.7711e-001	0.03409
	3.0711e-002	6.7558e-001	0.03394
	2.8974e-002	6.7442e-001	0.03391
	2.8194e-002	6.7374e-001	0.03403 /
7000.00	2.0674e-001	7.4853e-001	0.06362
	1.8838e-001	7.3379e-001	0.06027
	1.4905e-001	7.0342e-001	0.05350
	1.2715e-001	6.8729e-001	0.04998
	1.1097e-001	6.7572e-001	0.04751
	9.7920e-002	6.6662e-001	0.04560
	8.6945e-002	6.5911e-001	0.04406
	7.7484e-002	6.5273e-001	0.04277
	6.9206e-002	6.4721e-001	0.04168
	6.1900e-002	6.4239e-001	0.04075
	5.5426e-002	6.3814e-001	0.03995
	4.9687e-002	6.3440e-001	0.03927
	4.4622e-002	6.3109e-001	0.03870
	4.0194e-002	6.2821e-001	0.03822
	3.6388e-002	6.2574e-001	0.03784
	3.3213e-002	6.2367e-001	0.03756
	3.0711e-002	6.2205e-001	0.03739
	2.8974e-002	6.2094e-001	0.03735
	2.8194e-002	6.2049e-001	0.03748 /
8000.00	2.0674e-001	7.1988e-001	0.07001
	1.8838e-001	7.0432e-001	0.06623
	1.4905e-001	6.7192e-001	0.05860
	1.2715e-001	6.5450e-001	0.05465
	1.1097e-001	6.4191e-001	0.05188
	9.7920e-002	6.3195e-001	0.04975
	8.6945e-002	6.2369e-001	0.04802
	7.7484e-002	6.1666e-001	0.04659
	6.9206e-002	6.1057e-001	0.04538
	6.1900e-002	6.0524e-001	0.04435
	5.5426e-002	6.0055e-001	0.04347
	4.9687e-002	5.9642e-001	0.04271
	4.4622e-002	5.9280e-001	0.04208
	4.0194e-002	5.8965e-001	0.04155
	3.6388e-002	5.8697e-001	0.04113
	3.3213e-002	5.8478e-001	0.04082
	3.0711e-002	5.8310e-001	0.04063
	2.8974e-002	5.8203e-001	0.04059
	2.8194e-002	5.8173e-001	0.04073 /

9000.00	2.0674e-001	6.9713e-001	0.07650
	1.8838e-001	6.8102e-001	0.07227
	1.4905e-001	6.4727e-001	0.06372
	1.2715e-001	6.2897e-001	0.05931
	1.1097e-001	6.1570e-001	0.05622
	9.7920e-002	6.0515e-001	0.05384
	8.6945e-002	5.9639e-001	0.05192
	7.7484e-002	5.8891e-001	0.05033
	6.9206e-002	5.8243e-001	0.04899
	6.1900e-002	5.7675e-001	0.04785
	5.5426e-002	5.7176e-001	0.04687
	4.9687e-002	5.6737e-001	0.04604
	4.4622e-002	5.6352e-001	0.04534
	4.0194e-002	5.6020e-001	0.04476
	3.6388e-002	5.5738e-001	0.04429
	3.3213e-002	5.5509e-001	0.04395
	3.0711e-002	5.5337e-001	0.04375
	2.8974e-002	5.5233e-001	0.04370
	2.8194e-002	5.5216e-001	0.04386 /
10000.00	2.0674e-001	6.7852e-001	0.08311
	1.8838e-001	6.6203e-001	0.07840
	1.4905e-001	6.2733e-001	0.06891
	1.2715e-001	6.0843e-001	0.06401
	1.1097e-001	5.9467e-001	0.06058
	9.7920e-002	5.8371e-001	0.05794
	8.6945e-002	5.7459e-001	0.05582
	7.7484e-002	5.6680e-001	0.05405
	6.9206e-002	5.6004e-001	0.05257
	6.1900e-002	5.5412e-001	0.05131
	5.5426e-002	5.4891e-001	0.05023
	4.9687e-002	5.4433e-001	0.04932
	4.4622e-002	5.4033e-001	0.04855
	4.0194e-002	5.3688e-001	0.04791
	3.6388e-002	5.3396e-001	0.04740
	3.3213e-002	5.3161e-001	0.04702
	3.0711e-002	5.2987e-001	0.04679
	2.8974e-002	5.2886e-001	0.04674
	2.8194e-002	5.2878e-001	0.04691 /
11000.00	2.0674e-001	6.6294e-001	0.08985
	1.8838e-001	6.4618e-001	0.08466
	1.4905e-001	6.1080e-001	0.07418
	1.2715e-001	5.9146e-001	0.06877
	1.1097e-001	5.7735e-001	0.06498
	9.7920e-002	5.6610e-001	0.06207
	8.6945e-002	5.5672e-001	0.05973
	7.7484e-002	5.4870e-001	0.05779
	6.9206e-002	5.4174e-001	0.05616
	6.1900e-002	5.3564e-001	0.05477
	5.5426e-002	5.3027e-001	0.05359
	4.9687e-002	5.2556e-001	0.05258
	4.4622e-002	5.2144e-001	0.05173
	4.0194e-002	5.1789e-001	0.05103
	3.6388e-002	5.1491e-001	0.05047
	3.3213e-002	5.1251e-001	0.05006
	3.0711e-002	5.1076e-001	0.04981
	2.8974e-002	5.0977e-001	0.04975
	2.8194e-002	5.0976e-001	0.04994 /

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