
* CORIBAND *

* SCHLUMBERGER *

COMPANY PHILLIPS PETROLEUM CO.
WELL EVGSAU 3333-004
FIELD VACUUM GRAYBURG SAN ANDRES
COUNTY LEA
STATE NEW MEXICO
DATE 8-JULY-79
COMPUTED AT:- PERMIAN BASIN COMPUTING CENTER

THIS JOB IS LISTED FROM TOP TO BOTTOM
THIS IS A 01 FOOT LISTING
LISTING IS DISCRIMINATED FOR VSH>50%
LISTING IS DISCRIMINATED FOR PHI<1.9%
PERMEABILITY * (62500(PHI**6))/(SW**2) [10%<SW<50%]

* CORIBAND *

* SCHUMBERGER *

COMPANY PHILIPS PETROLEUM CO.
WELL EVOSAN 3333-004
FIELD VAGUE GRAYBURG SAI ANDRES
COUNTY TIA
STATE TEXAS
DATE 8-JULY-79
COMPUTED AT: PERMANENT BASIC COMPUTING CENTER

THIS JOB IS LISTED FROM TOP TO BOTTOM
THIS IS A FOOT LISTING
LISTING IS DESCRIBED FOR VSH<20#
LISTING IS DESCRIBED FOR PHI<1.98
PERMANENT = (P200(PH1**E))\(\$**2)
[10#<2#<20#]

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. %	MATRIX DENSITY GN/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT NC-FT
4001.0	0.00	100	3.1	0.0	2.81	0 21.16 12.51
4028.0	0.00	100	3.0	0.0	2.70	0 21.07 12.51
4029.0	0.00	100	2.9	0.0	2.71	0 21.04 12.51
4030.0	0.00	100	3.6	0.0	2.70	0 21.01 12.51
4031.0	0.00	100	2.6	0.0	2.69	0 20.98 12.51
4032.0	0.00	100	4.5	0.0	2.74	0 20.95 12.51
4033.0	0.01	100	5.6	0.0	2.78	1 20.90 12.51
4034.0	0.00	100	2.1	0.0	2.82	0 20.85 12.51
4067.0	0.00	100	4.9	0.0	2.70	0 20.78 12.51
4068.0	0.00	100	4.9	0.0	2.73	0 20.73 12.51
4069.0	0.00	100	3.6	0.0	2.76	0 20.68 12.51
4078.0	0.00	100	3.7	0.0	2.82	0 20.64 12.51
4079.0	0.00	100	1.9	0.0	2.81	0 20.60 12.51
4084.0	0.00	100	2.5	0.0	2.84	0 20.56 12.51
4085.0	0.00	100	2.1	0.0	2.85	0 20.53 12.51
4140.0	0.00	100	2.2	0.0	2.81	0 20.50 12.51
4148.0	0.00	100	3.1	0.0	2.72	0 20.45 12.51
4149.0	0.00	100	2.8	0.0	2.73	4 20.43 12.51
4157.0	0.00	100	3.4	0.0	2.79	0 20.37 12.51
4158.0	0.00	100	3.3	0.0	2.81	13 20.33 12.51
4159.0	0.00	100	3.6	0.0	2.84	6 20.30 12.51
4191.0	0.00	100	3.3	0.0	2.80	0 20.24 12.51
4192.0	0.00	100	3.6	0.0	2.78	7 20.20 12.51
4193.0	0.00	100	3.7	0.0	2.77	2 20.17 12.51
4197.0	0.00	100	4.1	0.0	2.70	2 20.10 12.51
4198.0	0.19	51	9.5	0.0	2.71	0 20.04 12.50
4199.0	0.07	52	8.0	0.0	2.71	0 19.95 12.45
4200.0	0.01	53	6.1	0.0	2.69	0 19.88 12.42
4201.0	0.00	76	4.6	0.0	2.71	4 19.82 12.40
4202.0	0.00	100	2.4	0.0	2.71	8 19.78 12.39
4203.0	0.00	100	2.4	0.0	2.74	9 19.76 12.39
4204.0	0.00	100	2.9	0.0	2.77	4 19.73 12.39
4205.0	0.00	100	2.5	0.0	2.75	3 19.71 12.39
4209.0	0.00	100	2.0	0.0	2.85	0 19.66 12.39
4235.0	0.00	100	3.5	0.0	2.76	0 19.58 12.39
4236.0	0.00	100	3.4	0.0	2.74	0 19.54 12.39

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. % %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS		
						POR-FT	HC-FT	
4237.0	0.00	100	3.9	0.0	2.75	0	19.51	12.39
4238.0	0.00	100	3.4	0.0	2.78	0	19.47	12.39
4239.0	0.00	100	3.0	0.0	2.74	0	19.43	12.39
4240.0	0.00	98	3.7	0.0	2.69	0	19.40	12.39
4241.0	0.00	80	4.3	0.0	2.70	0	19.36	12.39
4242.0	0.00	100	2.9	0.0	2.70	0	19.32	12.38
4243.0	0.00	100	2.5	0.0	2.70	0	19.29	12.38
4244.0	0.00	100	2.4	0.0	2.71	0	19.27	12.38
4245.0	0.00	97	3.7	0.0	2.70	0	19.24	12.38
4246.0	0.00	95	4.4	0.0	2.71	5	19.20	12.38
4247.0	0.00	98	4.6	0.0	2.71	1	19.16	12.38
4248.0	0.00	100	2.9	0.0	2.70	7	19.11	12.37
4249.0	0.00	100	2.6	0.0	2.80	0	19.08	12.37
4259.0	0.00	100	2.7	0.0	2.73	0	19.05	12.37
4260.0	0.00	100	2.9	0.0	2.72	5	19.02	12.37
4261.0	0.00	100	3.4	0.0	2.78	2	18.99	12.37
4262.0	0.00	100	2.6	0.0	2.80	0	18.96	12.37
4272.0	0.00	100	2.1	0.0	2.78	0	18.91	12.37
4276.0	0.00	100	4.1	0.0	2.76	3	18.85	12.37
4277.0	0.00	100	4.4	0.0	2.76	2	18.81	12.37
4278.0	0.00	100	4.3	0.0	2.76	0	18.76	12.37
4279.0	0.00	100	4.2	0.0	2.77	0	18.72	12.37
4305.0	0.00	100	2.4	0.0	2.75	0	18.51	12.37
4306.0	0.00	100	3.8	0.0	2.75	0	18.48	12.37
4307.0	0.00	100	3.8	0.0	2.74	0	18.45	12.37
4308.0	0.00	100	2.3	0.0	2.75	7	18.41	12.37
4309.0	0.00	99	2.6	0.0	2.71	5	18.39	12.37
4310.0	0.00	100	2.3	0.0	2.71	4	18.36	12.37
4311.0	0.00	100	2.2	0.0	2.72	5	18.34	12.37
4312.0	0.00	100	2.3	0.0	2.72	5	18.31	12.37
4313.0	0.00	100	3.2	0.0	2.78	0	18.28	12.37
4314.0	0.00	100	3.0	0.0	2.83	0	18.25	12.37
4315.0	0.00	100	2.3	0.0	2.83	0	18.23	12.37
4328.0	0.00	100	2.3	0.0	2.82	0	18.19	12.37
4329.0	0.00	100	3.7	0.0	2.83	6	18.16	12.37
4342.0	0.00	100	2.2	0.0	2.76	0	18.05	12.37
4343.0	0.00	64	4.2	0.0	2.76	5	18.03	12.37
4344.0	0.01	57	5.5	0.0	2.77	6	17.98	12.35
4345.0	0.00	74	4.0	0.0	2.78	0	17.93	12.33
4355.0	0.00	100	2.3	0.0	2.75	4	17.85	12.32
4356.0	0.00	100	3.4	0.0	2.76	5	17.82	12.32

FEET	DEPTH (INCH)	WATER	WATER	WATER	WATER	WATER	WATER	WATER
4328.0	100	3.4	0.0	5.75	0	18.81	15.37	4328.0
4329.0	100	3.4	0.0	5.75	0	18.81	15.37	4329.0
4330.0	100	3.0	0.0	5.74	0	18.81	15.37	4330.0
4331.0	88	3.7	0.0	5.69	0	18.81	15.37	4331.0
4332.0	88	4.3	0.0	5.70	0	18.81	15.37	4332.0
4333.0	100	5.0	0.0	5.70	0	18.81	15.37	4333.0
4334.0	100	5.2	0.0	5.70	0	18.81	15.37	4334.0
4335.0	100	5.4	0.0	5.71	0	18.81	15.37	4335.0
4336.0	87	3.7	0.0	5.70	0	18.81	15.37	4336.0
4337.0	48	4.4	0.0	5.71	2	18.81	15.37	4337.0
4338.0	88	4.0	0.0	5.71	1	18.81	15.37	4338.0
4339.0	100	5.0	0.0	5.70	7	18.81	15.37	4339.0
4340.0	100	5.6	0.0	5.80	0	18.81	15.37	4340.0
4341.0	100	5.7	0.0	5.75	1	18.81	15.37	4341.0
4342.0	100	5.0	0.0	5.74	2	18.81	15.37	4342.0
4343.0	100	3.4	0.0	5.73	2	18.81	15.37	4343.0
4344.0	100	3.6	0.0	5.80	0	18.81	15.37	4344.0
4345.0	100	5.1	0.0	5.78	0	18.81	15.37	4345.0
4346.0	100	4.1	0.0	5.70	3	18.81	15.37	4346.0
4347.0	100	4.4	0.0	5.70	2	18.81	15.37	4347.0
4348.0	100	4.3	0.0	5.70	0	18.81	15.37	4348.0
4349.0	100	4.2	0.0	5.73	0	18.81	15.37	4349.0
4350.0	100	5.4	0.0	5.75	0	18.81	15.37	4350.0
4351.0	100	3.4	0.0	5.75	0	18.81	15.37	4351.0
4352.0	100	3.8	0.0	5.75	0	18.81	15.37	4352.0
4353.0	100	3.8	0.0	5.74	0	18.81	15.37	4353.0
4354.0	100	5.3	0.0	5.75	7	18.81	15.37	4354.0
4355.0	88	5.0	0.0	5.71	2	18.81	15.37	4355.0
4356.0	100	5.3	0.0	5.71	4	18.81	15.37	4356.0
4357.0	100	5.5	0.0	5.75	2	18.81	15.37	4357.0
4358.0	100	5.3	0.0	5.75	2	18.81	15.37	4358.0
4359.0	100	3.5	0.0	5.78	0	18.81	15.37	4359.0
4360.0	100	3.0	0.0	5.80	0	18.81	15.37	4360.0
4361.0	100	5.3	0.0	5.83	0	18.81	15.37	4361.0
4362.0	100	5.7	0.0	5.83	0	18.81	15.37	4362.0
4363.0	100	5.5	0.0	5.78	0	18.81	15.37	4363.0
4364.0	88	4.5	0.0	5.70	2	18.81	15.37	4364.0
4365.0	87	5.2	0.0	5.73	0	18.81	15.37	4365.0
4366.0	74	4.0	0.0	5.78	0	18.81	15.37	4366.0
4367.0	100	5.3	0.0	5.75	4	18.81	15.37	4367.0
4368.0	100	3.4	0.0	5.70	2	18.81	15.37	4368.0

DEPTH FEET	PERM. TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS	
							POR-FT	HC-FT
4357.0	0.00	100	3.4	0.0	2.74	7	17.79	12.32
4358.0	0.00	100	3.4	0.0	2.74	6	17.75	12.32
4359.0	0.00	100	2.4	0.0	2.71	11	17.72	12.32
4360.0	0.00	100	2.4	0.0	2.73	8	17.70	12.32
4361.0	0.00	100	2.2	0.0	2.73	7	17.67	12.32
4362.0	0.00	100	2.9	0.0	2.70	5	17.65	12.32
4363.0	0.00	100	2.1	0.0	2.73	8	17.63	12.32
4364.0	0.00	100	2.8	0.0	2.78	3	17.60	12.32
4365.0	0.00	100	2.4	0.0	2.81	0	17.57	12.32
4366.0	0.00	100	2.2	0.0	2.80	2	17.55	12.32
4367.0	0.00	93	2.4	0.0	2.79	0	17.53	12.32
4368.0	0.00	100	2.3	0.0	2.80	0	17.51	12.32
4372.0	0.00	100	3.4	0.0	2.78	1	17.44	12.32
4373.0	0.00	100	2.2	0.0	2.75	11	17.41	12.32
4375.0	0.00	99	2.5	0.0	2.75	8	17.37	12.32
4376.0	0.00	100	2.4	0.0	2.82	2	17.35	12.32
4384.0	0.00	64	3.3	0.0	2.80	0	17.28	12.32
4393.0	0.00	100	2.3	0.0	2.84	0	17.18	12.31
4394.0	0.00	100	2.6	0.0	2.85	0	17.15	12.31
4398.0	0.00	87	2.8	0.0	2.80	3	17.11	12.31
4399.0	0.00	100	2.8	0.0	2.81	0	17.08	12.31
4402.0	0.00	99	2.1	0.0	2.82	0	17.04	12.30
4406.0	0.00	96	3.0	0.1	2.84	6	16.98	12.30
4407.0	0.00	97	2.6	0.0	2.86	4	16.95	12.30
4408.0	0.00	100	2.2	0.0	2.85	3	16.92	12.30
4414.0	0.00	31	3.3	0.0	2.78	0	16.84	12.28
4415.0	0.03	23	5.3	0.3	2.78	0	16.80	12.26
4416.0	0.04	22	5.5	0.0	2.80	0	16.74	12.21
4417.0	0.17	18	6.7	0.0	2.83	0	16.68	12.17
4418.0	0.21	17	6.9	0.0	2.83	0	16.62	12.11
4419.0	2.51	10	8.7	0.0	2.83	0	16.55	12.05
4420.0	5.00	6	9.6	1.2	2.84	0	16.45	11.97
4421.0	0.10	7	5.0	0.0	2.82	0	16.37	11.89
4422.0	0.00	14	2.1	0.0	2.81	0	16.33	11.85
4423.0	0.00	27	1.9	0.0	2.81	0	16.31	11.83
4424.0	0.02	13	4.4	1.4	2.80	0	16.28	11.81
4425.0	0.00	17	3.3	1.1	2.78	0	16.25	11.78
4426.0	0.17	12	5.9	1.9	2.80	0	16.21	11.75
4427.0	0.00	22	3.2	0.0	2.82	0	16.15	11.70
4428.0	0.27	11	6.1	1.8	2.84	0	16.12	11.68

FEET	DEPTH PERM. TO OIL-GAS (INDEX)	WATER SAT. #	POROSITY TOTAL SEC. #	DENSITY G/MCC	SHAPE VOLUME #	PORES FT	CUMULATIVE INTEGRATIONS HC-FT
4327.0	0.00	100	3.4	5.74	7	17.70	15.35
4328.0	0.00	100	3.4	5.74	6	17.72	15.35
4329.0	0.00	100	3.4	5.71	11	17.73	15.35
4330.0	0.00	100	3.4	5.73	8	17.70	15.35
4331.0	0.00	100	3.5	5.73	7	17.67	15.35
4332.0	0.00	100	3.2	5.70	2	17.62	15.35
4333.0	0.00	100	3.1	5.73	8	17.63	15.35
4334.0	0.00	100	3.8	5.78	3	17.60	15.35
4335.0	0.00	100	3.4	5.81	0	17.57	15.35
4336.0	0.00	100	3.5	5.80	5	17.52	15.35
4337.0	0.00	93	3.4	5.79	0	17.53	15.35
4338.0	0.00	100	3.3	5.80	0	17.51	15.35
4372.0	0.00	100	3.4	5.78	1	17.44	15.35
4373.0	0.00	100	3.5	5.72	11	17.41	15.35
4375.0	0.00	99	3.2	5.72	8	17.37	15.35
4376.0	0.00	100	3.4	5.82	5	17.32	15.35
4384.0	0.00	64	3.3	5.80	0	17.58	15.35
4393.0	0.00	100	3.3	5.84	0	17.18	15.31
4394.0	0.00	100	3.6	5.82	0	17.12	15.31
4398.0	0.00	87	3.8	5.80	3	17.11	15.31
4399.0	0.00	100	3.8	5.81	0	17.08	15.31
4402.0	0.00	89	3.1	5.85	0	17.04	15.30
4406.0	0.00	46	3.0	5.84	6	16.98	15.30
4407.0	0.00	47	3.6	5.86	4	16.92	15.30
4408.0	0.00	100	3.5	5.82	3	16.95	15.30
4414.0	0.00	31	3.3	5.78	0	16.84	15.28
4415.0	0.03	53	3.3	5.78	0	16.80	15.28
4416.0	0.04	52	3.2	5.80	0	16.74	15.27
4417.0	0.17	16	4.7	5.83	0	16.68	15.17
4418.0	0.51	17	4.9	5.83	0	16.65	15.11
4419.0	3.21	10	6.7	5.83	0	16.22	15.02
4420.0	2.00	4	9.6	5.84	0	16.42	11.97
4421.0	0.10	7	2.0	5.95	0	16.37	11.89
4422.0	0.00	14	3.1	5.81	0	16.33	11.82
4423.0	0.00	57	1.9	5.81	0	16.31	11.83
4424.0	0.05	13	4.4	5.80	0	16.58	11.81
4425.0	0.00	17	3.3	5.78	0	16.52	11.78
4426.0	0.17	15	2.9	5.80	0	16.51	11.72
4427.0	0.00	55	3.5	5.85	0	16.12	11.70
4428.0	0.57	11	6.1	5.84	0	16.15	11.68

DEPTH FEET	PERM. TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	SEC. %	MATRIX DENSITY GN/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS	
							POR-FT	HC-FT
4429.0	0.09	14	5.5	0.2	2.83	0	16.05	11.62
4430.0	0.00	28	3.9	0.0	2.85	0	16.01	11.58
4431.0	0.15	16	6.3	0.0	2.83	0	15.96	11.55
4432.0	5.01	8	9.6	1.0	2.78	0	15.89	11.49
4433.0	8.92	7	10.6	1.7	2.81	0	15.79	11.39
4434.0	1.09	10	7.6	0.0	2.83	0	15.69	11.30
4435.0	1.25	10	7.7	1.1	2.83	0	15.62	11.24
4436.0	0.07	14	5.3	0.2	2.82	0	15.55	11.17
4437.0	0.01	19	4.2	0.0	2.79	0	15.50	11.13
4438.0	0.05	14	5.1	0.0	2.83	0	15.45	11.10
4439.0	0.04	14	5.0	0.0	2.85	0	15.40	11.05
4440.0	0.03	15	4.8	0.2	2.83	0	15.35	11.01
4441.0	0.10	15	5.7	0.7	2.83	0	15.30	10.97
4442.0	0.47	13	7.2	0.3	2.85	0	15.24	10.92
4443.0	0.38	13	7.0	0.2	2.85	0	15.17	10.85
4444.0	0.01	19	4.1	0.0	2.83	0	15.10	10.80
4448.0	0.06	10	4.8	1.6	2.84	0	15.03	10.75
4449.0	0.70	10	7.1	2.3	2.82	0	14.97	10.70
4450.0	1.87	9	9.2	2.7	2.84	0	14.90	10.63
4451.0	0.22	15	6.6	1.8	2.83	0	14.82	10.56
4452.0	0.00	27	3.3	0.0	2.82	0	14.77	10.52
4453.0	0.02	11	4.1	0.0	2.85	0	14.73	10.49
4454.0	0.00	18	2.6	0.0	2.86	0	14.69	10.46
4455.0	0.00	29	1.9	0.0	2.85	0	14.67	10.44
4456.0	0.01	17	3.7	0.0	2.85	0	14.65	10.42
4457.0	0.03	14	4.7	0.0	2.85	0	14.61	10.39
4458.0	0.11	13	5.7	0.0	2.83	0	14.56	10.35
4459.0	0.34	12	6.6	0.0	2.81	0	14.50	10.30
4460.0	0.26	12	6.4	0.0	2.80	0	14.43	10.24
4461.0	0.97	11	7.6	0.0	2.81	0	14.37	10.18
4462.0	1.39	11	8.3	0.0	2.84	0	14.29	10.11
4463.0	0.25	13	6.4	0.0	2.86	0	14.21	10.04
4464.0	0.69	10	6.9	2.2	2.87	0	14.15	9.99
4465.0	1.83	9	8.2	1.8	2.84	0	14.08	9.92
4466.0	9.58	8	10.7	3.5	2.86	0	13.99	9.84
4467.0	2.51	10	8.6	0.6	2.88	0	13.88	9.75
4468.0	0.00	22	3.3	0.0	2.85	0	13.81	9.69
4469.0	0.01	16	3.6	0.0	2.84	0	13.78	9.66
4470.0	1.04	10	7.4	0.8	2.81	0	13.74	9.63
4471.0	31.08	8	13.1	4.3	2.87	0	13.65	9.54
4472.0	1.26	11	8.1	0.0	2.85	0	13.52	9.43
4473.0	0.00	19	3.6	0.0	2.88	0	13.46	9.37
4474.0	0.02	15	4.4	0.0	2.89	0	13.42	9.34
4475.0	0.43	11	6.6	0.0	2.88	0	13.37	9.29
4476.0	2.62	9	8.7	0.0	2.86	0	13.30	9.23
4477.0	16.37	8	11.7	1.4	2.86	0	13.20	9.15
4478.0	39.46	7	13.6	2.7	2.87	0	13.08	9.03

FEET	DEPTH	PERM. TO OIL-GAS (INDEX)	WATER SAT. #	PORO-SITY TOTAL #	MATRIX DENSITY G/CMCC	SHALE VOLUME #	HC-FI INTEGRATIONS CUMULATIVE
4438.0	30.46	16.37	4	11.7	2.86	0	13.08
4437.0	30.46	16.37	4	11.7	2.86	0	13.20
4436.0	30.46	16.37	4	11.7	2.86	0	13.30
4435.0	30.46	16.37	4	11.7	2.86	0	13.42
4434.0	30.46	16.37	4	11.7	2.86	0	13.53
4433.0	30.46	16.37	4	11.7	2.86	0	13.65
4432.0	30.46	16.37	4	11.7	2.86	0	13.77
4431.0	30.46	16.37	4	11.7	2.86	0	13.88
4430.0	30.46	16.37	4	11.7	2.86	0	13.99
4429.0	30.46	16.37	4	11.7	2.86	0	14.12
4428.0	30.46	16.37	4	11.7	2.86	0	14.24
4427.0	30.46	16.37	4	11.7	2.86	0	14.35
4426.0	30.46	16.37	4	11.7	2.86	0	14.47
4425.0	30.46	16.37	4	11.7	2.86	0	14.58
4424.0	30.46	16.37	4	11.7	2.86	0	14.70
4423.0	30.46	16.37	4	11.7	2.86	0	14.81
4422.0	30.46	16.37	4	11.7	2.86	0	14.93
4421.0	30.46	16.37	4	11.7	2.86	0	15.04
4420.0	30.46	16.37	4	11.7	2.86	0	15.16
4419.0	30.46	16.37	4	11.7	2.86	0	15.28
4418.0	30.46	16.37	4	11.7	2.86	0	15.39
4417.0	30.46	16.37	4	11.7	2.86	0	15.51
4416.0	30.46	16.37	4	11.7	2.86	0	15.62
4415.0	30.46	16.37	4	11.7	2.86	0	15.74
4414.0	30.46	16.37	4	11.7	2.86	0	15.85
4413.0	30.46	16.37	4	11.7	2.86	0	15.97
4412.0	30.46	16.37	4	11.7	2.86	0	16.08
4411.0	30.46	16.37	4	11.7	2.86	0	16.20
4410.0	30.46	16.37	4	11.7	2.86	0	16.31
4409.0	30.46	16.37	4	11.7	2.86	0	16.43
4408.0	30.46	16.37	4	11.7	2.86	0	16.54
4407.0	30.46	16.37	4	11.7	2.86	0	16.66
4406.0	30.46	16.37	4	11.7	2.86	0	16.77
4405.0	30.46	16.37	4	11.7	2.86	0	16.89
4404.0	30.46	16.37	4	11.7	2.86	0	17.00
4403.0	30.46	16.37	4	11.7	2.86	0	17.12
4402.0	30.46	16.37	4	11.7	2.86	0	17.24
4401.0	30.46	16.37	4	11.7	2.86	0	17.35
4400.0	30.46	16.37	4	11.7	2.86	0	17.47
4399.0	30.46	16.37	4	11.7	2.86	0	17.58
4398.0	30.46	16.37	4	11.7	2.86	0	17.70
4397.0	30.46	16.37	4	11.7	2.86	0	17.81
4396.0	30.46	16.37	4	11.7	2.86	0	17.93
4395.0	30.46	16.37	4	11.7	2.86	0	18.04
4394.0	30.46	16.37	4	11.7	2.86	0	18.16
4393.0	30.46	16.37	4	11.7	2.86	0	18.28
4392.0	30.46	16.37	4	11.7	2.86	0	18.39
4391.0	30.46	16.37	4	11.7	2.86	0	18.51
4390.0	30.46	16.37	4	11.7	2.86	0	18.62
4389.0	30.46	16.37	4	11.7	2.86	0	18.74
4388.0	30.46	16.37	4	11.7	2.86	0	18.85
4387.0	30.46	16.37	4	11.7	2.86	0	18.97
4386.0	30.46	16.37	4	11.7	2.86	0	19.08
4385.0	30.46	16.37	4	11.7	2.86	0	19.20
4384.0	30.46	16.37	4	11.7	2.86	0	19.31
4383.0	30.46	16.37	4	11.7	2.86	0	19.43
4382.0	30.46	16.37	4	11.7	2.86	0	19.54
4381.0	30.46	16.37	4	11.7	2.86	0	19.66
4380.0	30.46	16.37	4	11.7	2.86	0	19.77
4379.0	30.46	16.37	4	11.7	2.86	0	19.89
4378.0	30.46	16.37	4	11.7	2.86	0	20.00
4377.0	30.46	16.37	4	11.7	2.86	0	20.12
4376.0	30.46	16.37	4	11.7	2.86	0	20.24
4375.0	30.46	16.37	4	11.7	2.86	0	20.35
4374.0	30.46	16.37	4	11.7	2.86	0	20.47
4373.0	30.46	16.37	4	11.7	2.86	0	20.58
4372.0	30.46	16.37	4	11.7	2.86	0	20.70
4371.0	30.46	16.37	4	11.7	2.86	0	20.81
4370.0	30.46	16.37	4	11.7	2.86	0	20.93
4369.0	30.46	16.37	4	11.7	2.86	0	21.04
4368.0	30.46	16.37	4	11.7	2.86	0	21.16
4367.0	30.46	16.37	4	11.7	2.86	0	21.28
4366.0	30.46	16.37	4	11.7	2.86	0	21.39
4365.0	30.46	16.37	4	11.7	2.86	0	21.51
4364.0	30.46	16.37	4	11.7	2.86	0	21.62
4363.0	30.46	16.37	4	11.7	2.86	0	21.74
4362.0	30.46	16.37	4	11.7	2.86	0	21.85
4361.0	30.46	16.37	4	11.7	2.86	0	21.97
4360.0	30.46	16.37	4	11.7	2.86	0	22.08
4359.0	30.46	16.37	4	11.7	2.86	0	22.20
4358.0	30.46	16.37	4	11.7	2.86	0	22.31
4357.0	30.46	16.37	4	11.7	2.86	0	22.43
4356.0	30.46	16.37	4	11.7	2.86	0	22.54
4355.0	30.46	16.37	4	11.7	2.86	0	22.66
4354.0	30.46	16.37	4	11.7	2.86	0	22.77
4353.0	30.46	16.37	4	11.7	2.86	0	22.89
4352.0	30.46	16.37	4	11.7	2.86	0	23.00
4351.0	30.46	16.37	4	11.7	2.86	0	23.12
4350.0	30.46	16.37	4	11.7	2.86	0	23.24
4349.0	30.46	16.37	4	11.7	2.86	0	23.35
4348.0	30.46	16.37	4	11.7	2.86	0	23.47
4347.0	30.46	16.37	4	11.7	2.86	0	23.58
4346.0	30.46	16.37	4	11.7	2.86	0	23.70
4345.0	30.46	16.37	4	11.7	2.86	0	23.81
4344.0	30.46	16.37	4	11.7	2.86	0	23.93
4343.0	30.46	16.37	4	11.7	2.86	0	24.04
4342.0	30.46	16.37	4	11.7	2.86	0	24.16
4341.0	30.46	16.37	4	11.7	2.86	0	24.28
4340.0	30.46	16.37	4	11.7	2.86	0	24.39
4339.0	30.46	16.37	4	11.7	2.86	0	24.51
4338.0	30.46	16.37	4	11.7	2.86	0	24.62
4337.0	30.46	16.37	4	11.7	2.86	0	24.74
4336.0	30.46	16.37	4	11.7	2.86	0	24.85
4335.0	30.46	16.37	4	11.7	2.86	0	24.97
4334.0	30.46	16.37	4	11.7	2.86	0	25.08
4333.0	30.46	16.37	4	11.7	2.86	0	25.20
4332.0	30.46	16.37	4	11.7	2.86	0	25.31
4331.0	30.46	16.37	4	11.7	2.86	0	25.43
4330.0	30.46	16.37	4	11.7	2.86	0	25.54
4329.0	30.46	16.37	4	11.7	2.86	0	25.66
4328.0	30.46	16.37	4	11.7	2.86	0	25.77
4327.0	30.46	16.37	4	11.7	2.86	0	25.89
4326.0	30.46	16.37	4	11.7	2.86	0	26.00
4325.0	30.46	16.37	4	11.7	2.86	0	26.12
4324.0	30.46	16.37	4	11.7	2.86	0	26.24
4323.0	30.46	16.37	4	11.7	2.86	0	26.35
4322.0	30.46	16.37	4	11.7	2.86	0	26.47
4321.0	30.46	16.37	4	11.7	2.86	0	26.58
4320.0	30.46	16.37	4	11.7	2.86	0	26.70
4319.0	30.46	16.37	4	11.7	2.86	0	26.81
4318.0	30.46	16.37	4	11.7	2.86	0	26.93
4317.0	30.46	16.37	4	11.7	2.86	0	27.04
4316.0	30.46	16.37	4	11.7	2.86	0	27.16
4315.0	30.46	16.37	4	11.7	2.86	0	27.28
4314.0	30.46	16.37	4	11.7	2.86	0	27.39
4313.0	30.46	16.37	4	11.7	2.86	0	27.51
4312.0	30.46	16.37	4	11.7	2.86	0	27.62
4311.0	30.46	16.37	4	11.7	2.86	0	27.74
4310.0	30.46	16.37	4	11.7	2.86	0	27.85
4309.0	30.46	16.37	4	11.7	2.86	0	27.97
4308.0	30.46	16.37	4	11.7	2.86	0	28.08
4307.0	30.46	16.37	4	11.7	2.86	0	28.20
4306.0	30.46	16.37	4	11.7	2.86	0	28.31
4305.0	30.46	16.37	4	11.7	2.86	0	28.43
4304.0	30.46	16.37	4	11.7	2.86	0	28.54
4303.0	30.46	16.37	4	11.7	2.86	0	28.66
4302.0	30.46	16.37	4	11.7	2.86	0	28.77
4301.0	30.46	16.37	4	11.7	2.86	0	28.89
4300.0	30.46	16.37	4	11.7	2.86	0	29.00
4299.0	30.46	16.37	4	11.7	2.86	0	29.12
4298.0	30.46	16.37	4	11.7	2.86	0	29.24
4297.0	30.46	16.37	4	11.7	2.86	0	29.35
4296.0	30.46	16.37	4	11.7	2.86	0	29.47
4295.0	30.46	16.37	4	11.7	2.86	0	29.58
4294.0	30.46	16.37	4	11.7	2.86	0	29.70
4293.0	30.46	16.37	4	11.7	2.86	0	29.81
4292.0	30.46	16.37	4	11.7	2.86	0	29.93
4291.0	30.46	16.37	4	11.7	2.86	0	30.04
4290.0	30.46	16.37	4	11.7	2.86	0	30.16
4289.0	30.46	16.37	4	11.7	2.86	0	30.28
4288.0	30.46	16.37	4	11.7	2.86	0	30.39
4287.0	30.46	16.37	4	11.7	2.86	0	30.51
4286.0	30.46	16.37	4	11.7	2.86	0	30.62
4285.0	30.46	16.37	4	11.7	2.86	0	30.74
4284.0	30.46	16.37	4	11.7	2.86	0	30.85
4283.0	30.46	16.37	4	11.7	2.86	0	30.97
4282.0	30.46	16.37	4	11.7	2.86	0	31.08
4281.0	30.46	16.37	4	11.7	2.86	0	31.20
4280.0	30.46	16.37	4	11.7	2.86	0	31.31
4279.0	30.46	16.37	4	11.7	2.86	0	31.43
4278.0	30.46	16.37	4	11.7	2.86	0	31.54

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. %	MATRIX DENSITY GN/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR=FT HC=FT
4479.0	44.55	7	13.9	2.6	2.85	0 12.94 8.91
4480.0	36.46	7	13.4	1.9	2.84	0 12.81 8.78
4481.0	66.69	7	14.8	3.2	2.87	0 12.67 8.65
4482.0	26.29	8	12.7	0.8	2.84	0 12.52 8.52
4483.0	27.13	8	12.8	2.6	2.85	0 12.40 8.41
4484.0	32.05	7	13.1	2.4	2.87	0 12.27 8.29
4485.0	10.36	8	10.9	0.3	2.85	0 12.15 8.17
4486.0	10.85	8	11.0	0.9	2.84	0 12.04 8.07
4487.0	5.06	9	9.7	0.0	2.83	0 11.93 7.98
4488.0	5.85	9	9.9	0.0	2.81	0 11.84 7.89
4489.0	17.15	9	11.8	0.5	2.86	0 11.73 7.79
4490.0	0.30	13	6.7	0.0	2.83	0 11.62 7.70
4491.0	0.01	14	4.0	0.0	2.87	0 11.56 7.65
4492.0	0.00	28	3.4	0.0	2.90	0 11.53 7.62
4493.0	0.09	16	5.9	0.0	2.84	0 11.49 7.59
4494.0	2.39	10	8.6	0.3	2.83	0 11.42 7.53
4495.0	12.59	8	11.2	2.2	2.81	0 11.33 7.45
4496.0	9.98	7	10.8	1.3	2.85	0 11.22 7.35
4497.0	5.58	8	9.8	0.0	2.87	0 11.11 7.25
4498.0	4.26	8	9.4	0.0	2.86	0 11.02 7.16
4499.0	13.28	8	11.3	1.3	2.86	0 10.92 7.07
4500.0	6.43	8	10.0	0.7	2.85	0 10.80 6.97
4501.0	5.86	9	9.9	1.6	2.84	0 10.70 6.87
4502.0	5.44	9	9.8	0.0	2.84	0 10.61 6.79
4503.0	20.55	8	12.2	0.6	2.87	0 10.51 6.70
4504.0	44.60	8	13.9	1.8	2.87	0 10.38 6.58
4505.0	12.07	9	11.2	0.0	2.86	0 10.25 6.46
4506.0	8.16	9	10.5	0.0	2.84	0 10.14 6.36
4507.0	25.74	8	12.7	1.1	2.86	0 10.03 6.27
4508.0	56.69	8	14.4	2.7	2.90	0 9.90 6.14
4509.0	27.42	8	12.8	2.6	2.88	0 9.76 6.02
4510.0	27.77	8	12.8	3.6	2.86	0 9.63 5.90
4511.0	14.14	8	11.5	2.1	2.83	0 9.51 5.78
4512.0	13.51	9	11.4	1.7	2.84	0 9.39 5.68
4513.0	17.68	9	11.9	3.1	2.85	0 9.28 5.58
4514.0	9.74	11	11.2	3.7	2.84	0 9.16 5.47
4515.0	0.50	14	7.4	2.3	2.84	0 9.05 5.38
4516.0	0.01	11	3.6	0.4	2.83	0 8.99 5.32
4517.0	0.00	14	2.5	0.0	2.80	0 8.96 5.29
4518.0	0.00	14	2.2	0.0	2.79	0 8.94 5.27
4519.0	0.04	12	4.7	0.0	2.80	0 8.91 5.25
4520.0	0.87	13	7.9	1.0	2.81	0 8.85 5.20
4521.0	2.19	11	8.9	1.8	2.83	0 8.77 5.13
4522.0	2.23	12	9.0	2.4	2.84	0 8.68 5.05
4523.0	18.22	13	13.3	4.4	2.82	0 8.59 4.97
4524.0	131.13	11	17.6	5.8	2.86	0 8.44 4.84
4525.0	20.04	11	12.6	2.0	2.85	0 8.27 4.69
4526.0	0.10	14	5.6	0.0	2.86	0 8.16 4.60

DEPTH FEET	PERM. TO OIL-GAS (INCH)	WATER SAT. %	POROSITY TOTAL %	DENSITY GRVCC	SHALE VOLUME %	CUMULATIVE INTEGRATION SURF-FT HC-FT
4479.0	44.22	7	13.9	2.82	0	8.91
4480.0	36.46	7	13.4	2.84	0	8.78
4481.0	66.66	7	14.8	2.87	0	8.62
4482.0	26.26	8	12.7	2.84	0	8.22
4483.0	27.13	8	12.8	2.86	0	8.41
4484.0	32.02	7	13.1	2.87	0	8.29
4485.0	10.36	8	10.9	2.86	0	8.17
4486.0	10.22	8	11.0	2.84	0	8.07
4487.0	2.06	8	9.7	2.83	0	7.98
4488.0	2.82	8	9.9	2.81	0	7.89
4489.0	17.12	9	11.8	2.86	0	7.79
4490.0	0.30	13	9.7	2.83	0	7.70
4491.0	0.01	14	4.0	2.87	0	7.62
4492.0	0.00	25	3.4	2.90	0	7.62
4493.0	0.09	14	2.9	2.84	0	7.59
4494.0	2.39	10	8.6	2.83	0	7.53
4495.0	12.29	8	11.2	2.81	0	7.42
4496.0	9.98	7	10.8	2.82	0	7.32
4497.0	2.28	8	9.8	2.87	0	7.22
4498.0	4.26	8	9.4	2.86	0	7.16
4499.0	13.28	8	11.3	2.86	0	7.07
4500.0	6.43	8	10.0	2.82	0	6.97
4501.0	2.86	9	9.9	2.84	0	6.87
4502.0	2.44	9	9.8	2.84	0	6.79
4503.0	20.22	8	12.2	2.87	0	6.70
4504.0	44.66	8	13.9	2.87	0	6.54
4505.0	12.07	9	11.2	2.86	0	6.46
4506.0	8.16	9	10.2	2.84	0	6.36
4507.0	22.74	8	12.7	2.86	0	6.27
4508.0	26.66	8	14.4	2.90	0	6.14
4509.0	27.42	8	12.8	2.88	0	6.02
4510.0	27.77	8	12.8	2.86	0	5.90
4511.0	14.14	8	11.2	2.83	0	5.78
4512.0	13.21	9	11.4	2.84	0	5.68
4513.0	17.68	9	11.9	2.82	0	5.58
4514.0	6.74	11	11.2	2.84	0	5.47
4515.0	0.20	14	7.4	2.84	0	5.38
4516.0	0.01	11	3.6	2.83	0	5.32
4517.0	0.00	14	2.2	2.80	0	5.29
4518.0	0.00	14	2.2	2.79	0	5.27
4519.0	0.04	12	4.7	2.80	0	5.22
4520.0	0.87	13	7.9	2.81	0	5.20
4521.0	2.19	11	8.9	2.83	0	5.13
4522.0	2.23	12	9.0	2.84	0	5.02
4523.0	18.22	13	13.3	2.82	0	4.97
4524.0	131.13	11	17.6	2.86	0	4.84
4525.0	20.04	11	12.6	2.82	0	4.69
4526.0	0.10	14	2.9	2.84	0	4.60

DEPTH FEET	PERM. TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. % %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT HC-FT
4527.0	0.67	12	7.5 1.9	2.88	0	8.11 4.55
4528.0	0.46	14	7.3 1.8	2.87	0	8.03 4.48
4529.0	0.25	14	6.7 2.2	2.87	0	7.96 4.42
4530.0	0.59	14	7.5 2.5	2.86	0	7.89 4.36
4531.0	1.05	12	8.0 2.6	2.84	0	7.81 4.29
4532.0	0.05	18	5.4 1.8	2.84	0	7.74 4.23
4533.0	0.04	21	5.5 1.6	2.86	0	7.69 4.19
4534.0	0.03	20	5.2 0.4	2.83	0	7.63 4.15
4535.0	0.38	12	6.7 1.9	2.83	0	7.58 4.10
4536.0	0.04	25	5.9 1.9	2.84	0	7.51 4.05
4537.0	0.00	66	5.1 1.0	2.82	0	7.46 4.01
4538.0	0.00	75	4.6 0.1	2.85	0	7.41 4.00
4539.0	0.00	100	2.0 0.0	2.86	0	7.37 3.99
4541.0	0.00	100	2.0 0.0	2.84	0	7.33 3.99
4551.0	0.00	100	3.2 0.0	2.86	5	7.20 3.94
4552.0	0.00	100	3.2 0.0	2.89	0	7.17 3.94
4566.0	0.00	71	2.5 0.0	2.84	0	7.08 3.94
4567.0	0.19	18	6.9 2.2	2.83	0	7.05 3.93
4568.0	4.33	15	10.9 3.6	2.84	0	6.97 3.86
4569.0	0.32	22	8.0 0.1	2.85	0	6.86 3.78
4570.0	0.07	28	6.7 0.6	2.84	0	6.79 3.72
4571.0	0.70	21	9.0 2.0	2.81	0	6.72 3.67
4572.0	8.25	20	13.3 3.4	2.85	0	6.62 3.59
4573.0	3.73	28	13.0 1.8	2.84	0	6.48 3.48
4574.0	6.49	27	14.0 2.0	2.83	0	6.35 3.39
4575.0	23.41	25	17.0 3.6	2.85	0	6.20 3.28
4576.0	25.56	26	17.6 3.0	2.86	0	6.03 3.15
4577.0	17.58	28	16.8 1.5	2.87	0	5.86 3.03
4578.0	34.45	27	18.6 3.3	2.88	0	5.69 2.91
4579.0	28.18	28	18.3 3.1	2.88	0	5.51 2.77
4580.0	26.31	28	17.9 2.9	2.87	0	5.32 2.64
4581.0	54.08	25	19.5 4.6	2.88	0	5.14 2.51
4582.0	91.16	23	20.7 6.8	2.91	0	4.94 2.36
4583.0	28.27	26	17.8 5.9	2.88	0	4.74 2.21
4584.0	5.03	28	13.6 3.3	2.84	0	4.57 2.09
4585.0	2.27	31	12.4 1.9	2.83	0	4.44 1.99
4586.0	8.25	25	14.4 4.7	2.86	0	4.31 1.90
4587.0	7.74	22	13.5 4.5	2.87	0	4.17 1.80
4588.0	5.48	23	13.1 4.3	2.83	0	4.04 1.69
4589.0	10.46	26	15.1 3.9	2.86	0	3.90 1.59
4590.0	9.62	30	15.6 3.7	2.86	0	3.75 1.48
4591.0	3.26	37	13.9 2.4	2.83	0	3.60 1.38
4592.0	11.40	25	15.2 4.1	2.84	0	3.45 1.28
4593.0	5.98	12	10.6 0.2	2.84	0	3.31 1.17
4594.0	0.00	23	3.3 0.0	2.81	0	3.22 1.10

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. % %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT HC-FT		
4595.0	0.01	20	4.6	1.5	2.87	0	3.19	1.07
4596.0	0.19	18	6.8	0.9	2.89	0	3.14	1.03
4597.0	0.00	100	3.3	0.0	2.83	0	3.09	1.00
4598.0	0.00	100	3.5	1.2	2.83	0	3.05	1.00
4599.0	0.00	73	3.5	0.0	2.83	0	3.01	1.00
4600.0	0.00	100	3.8	0.0	2.84	2	2.98	0.98
4601.0	0.01	94	5.7	0.4	2.86	9	2.94	0.98
4602.0	0.02	97	6.6	0.0	2.83	4	2.88	0.98
4603.0	0.01	98	5.8	0.0	2.81	0	2.81	0.97
4604.0	0.00	99	4.8	0.0	2.79	1	2.76	0.97
4605.0	0.03	73	7.0	0.0	2.78	8	2.71	0.97
4606.0	0.51	59	11.2	0.0	2.76	11	2.62	0.95
4607.0	0.07	96	8.1	0.0	2.81	17	2.51	0.90
4608.0	0.01	100	6.0	0.0	2.87	8	2.45	0.90
4609.0	0.01	100	5.6	0.0	2.86	7	2.39	0.90
4610.0	0.03	92	7.1	0.0	2.86	4	2.33	0.90
4611.0	0.03	69	7.0	1.6	2.85	1	2.26	0.89
4612.0	0.00	100	4.1	0.0	2.84	0	2.20	0.87
4613.0	0.00	100	4.4	0.0	2.87	0	2.16	0.87
4614.0	0.00	100	3.8	0.0	2.84	0	2.11	0.87
4615.0	0.01	99	5.4	0.0	2.84	0	2.07	0.87
4616.0	0.02	99	6.5	0.7	2.86	5	2.02	0.87
4617.0	0.02	100	6.7	0.0	2.85	0	1.95	0.87
4618.0	0.01	100	5.2	0.0	2.84	0	1.89	0.87
4619.0	0.00	100	4.9	0.0	2.90	16	1.83	0.87
4620.0	0.01	100	6.0	0.0	2.92	1	1.79	0.87
4622.0	0.00	100	2.0	0.0	2.86	0	1.72	0.87
4623.0	0.00	100	2.1	0.0	2.85	0	1.70	0.87
4634.0	0.00	100	2.3	0.0	2.89	0	1.64	0.87
4635.0	0.00	100	4.1	0.0	2.89	0	1.61	0.87
4636.0	0.00	100	4.9	0.0	2.87	0	1.57	0.87
4637.0	0.00	100	2.1	0.0	2.85	0	1.53	0.87
4642.0	0.00	43	4.5	0.0	2.88	0	1.51	0.87
4643.0	5.38	21	12.5	2.9	2.88	0	1.44	0.83
4644.0	22.63	19	15.5	4.4	2.89	0	1.31	0.72
4645.0	5.98	23	13.2	3.5	2.88	0	1.16	0.60
4646.0	1.98	31	12.1	3.5	2.85	0	1.03	0.50
4647.0	2.42	34	12.9	4.2	2.87	0	0.90	0.42
4648.0	0.71	45	11.5	2.9	2.85	0	0.78	0.34
4649.0	1.45	51	13.4	3.2	2.83	0	0.66	0.28
4650.0	4.44	49	16.1	5.3	2.85	0	0.52	0.20
4651.0	4.61	56	16.3	5.4	2.88	0	0.35	0.12
4652.0	2.04	67	14.2	1.9	2.89	0	0.19	0.06
4653.0	0.82	73	12.2	0.0	2.89	0	0.06	0.02

DEPTH (FEET)	PERM. TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL PORE %	MATRIX DENSITY G/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POT-FT HC-FT
4222.0	0.000	30	4.4	2.87	0	1.07
4224.0	0.010	21	4.2	2.89	0	1.03
4226.0	0.000	101	3.3	2.83	0	1.00
4228.0	0.000	101	3.2	2.83	0	1.00
4230.0	0.000	73	3.2	2.83	0	1.00
4232.0	0.000	100	3.3	2.84	2	0.98
4234.0	0.010	94	2.7	2.86	9	0.98
4236.0	0.000	50	2.6	2.83	4	0.98
4238.0	0.010	94	2.8	2.81	0	0.97
4240.0	0.000	94	4.4	2.79	1	0.97
4242.0	0.000	73	3.0	2.78	8	0.97
4244.0	0.000	22	3.1	2.79	11	0.92
4246.0	0.000	94	1.8	2.81	17	0.90
4248.0	0.010	101	0.6	2.87	8	0.90
4250.0	0.010	100	2.6	2.86	7	0.90
4252.0	0.000	92	3.1	2.86	4	0.90
4254.0	0.000	89	3.0	2.82	1	0.89
4256.0	0.000	100	4.1	2.84	0	0.87
4258.0	0.000	100	4.4	2.87	0	0.87
4260.0	0.000	100	3.8	2.84	0	0.87
4262.0	0.010	78	2.4	2.84	0	0.87
4264.0	0.000	94	2.6	2.86	2	0.87
4266.0	0.000	100	2.7	2.82	0	0.87
4268.0	0.010	100	2.2	2.84	0	0.87
4270.0	0.000	100	4.9	2.90	16	0.87
4272.0	0.000	100	4.0	2.92	1	0.87
4274.0	0.000	100	3.1	2.82	0	0.87
4276.0	0.000	100	2.4	2.89	0	0.87
4278.0	0.000	100	4.1	2.89	0	0.87
4280.0	0.000	100	4.9	2.87	0	0.87
4282.0	0.000	100	3.1	2.82	0	0.87
4284.0	0.000	43	4.4	2.88	0	0.87
4286.0	2.38	51	12.2	2.88	0	0.83
4288.0	22.43	12	12.2	2.88	0	0.75
4290.0	2.98	53	13.2	2.84	0	0.60
4292.0	1.98	31	12.1	2.82	0	0.50
4294.0	2.42	34	12.9	2.87	0	0.42
4296.0	0.71	42	11.2	2.82	0	0.34
4298.0	1.42	21	13.4	2.83	0	0.28
4300.0	4.44	44	16.1	2.82	0	0.20
4302.0	4.21	26	14.3	2.88	0	0.12
4304.0	2.04	27	14.2	2.89	0	0.06
4306.0	0.82	13	12.2	2.84	0	0.02