
* CORIBAND *

* SCHLUMBERGER *

COMPANY PHILLIPS PETROLEUM COMPANY
WELL EVGSAU 2739-005
FIELD VACUUM GRAYBURG SAN ANDRES
COUNTY LEA
STATE NEW MEXICO
DATE 11-JUNE-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%]

* CORIANO *

* SCHUMBERGER *

COMPANY PHILLIPS PETROLEUM COMPANY
WELL EVGSAU 2739-002
FIELD VACUUM GRAYBURG SAN ANDRES
COUNTY LRA
STATE NEW MEXICO
DATE 11-JUNE-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<502
LISTING IS DISCRIMINATED FOR BHI<1.92
PERMEABILITY = (62500(PH**6))\ (20**2)
1102<2W<2021

* CORIBAND *

* SCHLUNBERGER *

COMPANY PHILLIPS PETROLEUM COMPANY
WELL EVGSAU 2739-005
FIELD VACUUM GRAYBURG SAN ANDRES
COUNTY LEA
STATE NEW MEXICO
DATE 11-JUNE-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%]

* CURIBAU *

* SCHUMBERGER *

COMPANY PHILLIPS PETROLEUM COMPANY
WELL WAGSAU 2739-002
FIELD VACCON GRAYBURG SAN ANDRES
COUNTY LEA
STATE NEW MEXICO
DATE 11-JUNE-79
COMPUTED AT: - PERMAN BASIN COMPUTING CENTER

PERMEABILITY = (62500(PH1**6))\((S**2)
[108<24<208]
LISTING IS DISCRIMINATED FOR PH1<1.92
LISTING IS DISCRIMINATED FOR VSH>208
THIS IS A 01 FOOT LISTING
THIS LOG IS LISTED FROM TOP TO BOTTOM

DEPTH FEET	PERM. TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS		
						POR-FT	HC-FT	
4000.0	0.73	58	11.9	0.0	2.70	0	44.22	23.02
4001.0	0.00	100	2.9	0.0	2.71	0	44.13	22.99
4002.0	0.00	100	2.1	0.0	2.70	0	44.10	22.99
4003.0	0.00	81	3.0	0.0	2.70	2	44.08	22.99
4011.0	0.00	100	3.1	0.0	2.84	0	44.02	22.98
4017.0	0.00	99	2.6	0.0	2.82	0	43.96	22.98
4018.0	0.00	100	3.9	0.0	2.82	4	43.93	22.98
4019.0	0.00	100	3.4	0.0	2.84	0	43.89	22.98
4026.0	0.00	100	2.8	0.0	2.71	0	43.85	22.98
4027.0	0.00	100	3.4	0.0	2.70	0	43.82	22.98
4028.0	0.01	80	5.5	0.0	2.69	0	43.78	22.98
4029.0	0.01	74	5.6	0.0	2.70	0	43.73	22.97
4030.0	0.00	100	3.7	0.0	2.70	3	43.67	22.96
4031.0	0.00	100	3.5	0.0	2.75	0	43.64	22.96
4032.0	0.00	100	2.5	0.0	2.78	0	43.60	22.96
4033.0	0.00	100	2.2	0.0	2.79	0	43.58	22.96
4045.0	0.00	100	2.5	0.0	2.82	0	43.53	22.96
4047.0	0.00	100	2.9	0.0	2.81	0	43.49	22.96
4048.0	0.00	100	3.9	0.0	2.79	4	43.46	22.96
4049.0	0.00	100	3.6	0.0	2.81	0	43.42	22.96
4071.0	0.00	100	2.0	0.0	2.81	0	43.35	22.96
4090.0	0.00	100	2.6	0.1	2.82	12	43.25	22.95
4091.0	0.00	100	2.8	0.0	2.83	0	43.23	22.95
4096.0	0.00	100	2.5	0.0	2.81	10	43.15	22.95
4097.0	0.00	100	3.4	0.0	2.81	3	43.13	22.95
4109.0	0.00	74	1.9	0.0	2.81	0	43.07	22.95
4110.0	0.00	42	3.5	0.1	2.80	0	43.05	22.94
4111.0	0.02	25	5.3	0.2	2.77	0	43.01	22.92
4112.0	0.01	100	2.3	0.0	2.75	5	42.90	22.85
4115.0	0.00	100	2.1	0.0	2.80	0	42.87	22.85
4119.0	0.00	100	3.4	0.0	2.79	0	42.83	22.85
4121.0	0.00	100	3.0	0.0	2.76	21	42.78	22.85
4122.0	0.00	100	2.4	0.0	2.79	17	42.75	22.85
4137.0	0.00	22	2.5	0.0	2.83	0	42.67	22.83

FEET (INDEX)	DEPTH PERM.TB DIP-GAS	WATER SAT.	POROSITY TOTAL SEC.	MATRIX DENSITY G/CC	SHAPE VOLUME %	POR-FT INTEGRATIONS HC-FT	CUMULATIVE INTEGRATIONS HC-FT
4000.0	0.73	28	11.2	0.0	0	44.55	53.05
4001.0	0.00	100	5.2	0.0	0	44.13	53.00
4002.0	0.00	100	5.1	0.0	0	44.10	53.00
4003.0	0.00	81	3.0	0.0	5	44.08	53.00
4011.0	0.00	100	3.1	0.0	0	44.05	53.00
4017.0	0.00	28	2.6	0.0	0	43.99	53.00
4018.0	0.00	100	3.2	0.0	4	43.93	53.00
4019.0	0.00	100	3.4	0.0	0	43.89	53.00
4024.0	0.00	100	3.8	0.0	0	43.82	53.00
4027.0	0.00	100	3.4	0.0	0	43.85	53.00
4028.0	0.01	80	2.2	0.0	0	43.78	53.00
4029.0	0.01	74	2.6	0.0	0	43.73	53.01
4030.0	0.00	100	3.7	0.0	3	43.67	53.00
4031.0	0.00	100	3.2	0.0	0	43.64	53.00
4032.0	0.00	100	3.2	0.0	0	43.60	53.00
4033.0	0.00	100	3.5	0.0	0	43.58	53.00
4042.0	0.00	100	3.2	0.0	0	43.53	53.00
4047.0	0.00	100	3.2	0.0	0	43.49	53.00
4048.0	0.00	100	3.2	0.0	4	43.46	53.00
4049.0	0.00	100	3.4	0.0	0	43.45	53.00
4071.0	0.00	100	3.0	0.0	0	43.38	53.00
4080.0	0.00	100	3.6	0.1	15	43.55	53.00
4081.0	0.00	100	3.8	0.0	0	43.53	53.00
4082.0	0.00	100	3.2	0.0	10	43.12	53.00
4097.0	0.00	100	3.4	0.0	3	43.13	53.00
4100.0	0.00	74	1.9	0.0	0	43.07	53.00
4110.0	0.00	45	3.2	0.1	0	43.02	53.00
4111.0	0.05	52	2.3	0.5	0	43.01	53.05
4115.0	0.01	100	5.3	0.0	2	42.90	53.05
4116.0	0.00	100	5.1	0.0	0	42.87	53.05
4119.0	0.00	100	3.4	0.0	0	42.83	53.05
4131.0	0.00	100	3.0	0.0	51	42.78	53.05
4155.0	0.00	100	3.4	0.0	17	42.72	53.05
4177.0	0.00	55	3.2	0.0	0	42.67	53.05

DEPTH FEET	PERM. TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT HC-FT		
4165.0	0.00	100	2.9	0.0	2.83	0	42.60	22.81
4166.0	0.00	100	3.3	0.0	2.80	3	42.57	22.81
4167.0	0.00	100	3.0	0.0	2.79	10	42.54	22.81
4168.0	0.00	99	3.7	0.0	2.81	12	42.51	22.81
4169.0	0.00	100	2.7	0.0	2.81	0	42.48	22.81
4172.0	0.00	100	2.1	0.0	2.79	0	42.44	22.81
4173.0	0.00	95	3.8	0.0	2.76	4	42.42	22.81
4174.0	0.00	99	3.5	0.0	2.71	4	42.38	22.80
4175.0	0.00	100	2.5	0.0	2.71	0	42.35	22.80
4176.0	0.00	99	2.2	0.0	2.70	0	42.32	22.80
4177.0	0.00	88	3.2	0.0	2.70	1	42.30	22.80
4178.0	0.00	100	2.6	0.0	2.71	9	42.27	22.80
4179.0	0.00	71	5.0	0.0	2.74	6	42.23	22.80
4180.0	0.00	70	5.2	0.0	2.74	5	42.18	22.78
4181.0	0.00	74	3.9	0.0	2.72	7	42.13	22.77
4182.0	0.00	96	2.7	0.0	2.74	5	42.10	22.76
4183.0	0.00	98	2.2	0.0	2.78	2	42.07	22.76
4185.0	0.00	44	2.6	0.0	2.78	0	42.03	22.75
4186.0	0.00	99	3.3	0.2	2.80	3	42.01	22.74
4209.0	0.00	77	3.0	0.0	2.77	2	41.86	22.74
4210.0	0.00	100	2.4	0.0	2.75	4	41.83	22.74
4211.0	0.00	98	3.6	0.0	2.74	5	41.80	22.74
4212.0	0.00	94	4.4	0.0	2.74	6	41.77	22.73
4213.0	0.00	100	3.5	0.0	2.74	8	41.72	22.73
4214.0	0.00	100	2.9	0.0	2.74	7	41.69	22.73
4215.0	0.01	50	5.3	0.0	2.72	1	41.66	22.73
4216.0	0.01	44	5.9	0.0	2.71	1	41.60	22.70
4217.0	0.00	65	4.0	0.0	2.71	0	41.54	22.67
4218.0	0.00	77	3.4	0.0	2.70	0	41.51	22.66
4219.0	0.01	51	6.0	0.0	2.69	0	41.47	22.65
4220.0	0.16	41	8.7	0.0	2.69	0	41.40	22.61
4221.0	0.09	42	8.0	0.0	2.70	1	41.31	22.56
4222.0	0.00	71	3.7	0.0	2.73	5	41.24	22.52
4223.0	0.00	98	2.4	0.0	2.82	3	41.21	22.52
4224.0	0.00	100	2.0	0.0	2.83	0	41.19	22.52
4232.0	0.00	95	2.2	0.0	2.74	4	41.09	22.52
4233.0	0.00	70	2.4	0.0	2.76	1	41.07	22.51
4234.0	0.00	96	2.0	0.0	2.78	1	41.05	22.50
4241.0	0.00	70	3.2	0.0	2.74	2	40.99	22.50
4242.0	0.00	62	4.2	0.0	2.76	1	40.96	22.49
4243.0	0.00	100	2.4	0.0	2.78	3	40.92	22.48
4244.0	0.00	98	3.5	0.0	2.77	3	40.89	22.48

DEPTH FEET	DEPTH METERS	WATER SAT.	POROSITY TOTAL SEC.	MATRIX DENSITY G/CMCC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT HC-FT
4102.0	0.00	100	5.9	5.83	0	45.60
4103.0	0.00	100	3.3	5.80	3	45.63
4104.0	0.00	100	3.0	5.79	10	45.64
4105.0	0.00	99	3.7	5.81	15	45.61
4106.0	0.00	100	5.7	5.81	0	45.48
4112.0	0.00	100	5.1	5.79	0	45.44
4113.0	0.00	99	3.8	5.79	4	45.45
4114.0	0.00	99	3.2	5.71	4	45.38
4115.0	0.00	100	5.2	5.71	0	45.35
4116.0	0.00	99	5.3	5.70	0	45.35
4117.0	0.00	88	3.3	5.70	1	45.30
4118.0	0.00	100	5.6	5.71	9	45.37
4119.0	0.00	71	2.0	5.74	9	45.33
4120.0	0.00	70	2.5	5.74	2	45.18
4121.0	0.00	74	3.9	5.75	7	45.13
4122.0	0.00	99	5.7	5.74	2	45.10
4123.0	0.00	98	5.3	5.78	5	45.07
4124.0	0.00	41	5.6	5.78	0	45.03
4125.0	0.00	99	3.3	5.80	3	45.01
4202.0	0.00	77	3.0	5.77	5	41.86
4210.0	0.00	100	5.4	5.75	4	41.83
4211.0	0.00	98	3.6	5.74	2	41.80
4212.0	0.00	94	4.4	5.74	6	41.77
4213.0	0.00	100	3.2	5.74	8	41.75
4214.0	0.00	100	5.9	5.74	7	41.69
4215.0	0.01	99	2.3	5.75	1	41.69
4216.0	0.01	44	2.9	5.71	1	41.69
4217.0	0.00	62	4.0	5.71	0	41.54
4218.0	0.00	77	3.4	5.70	0	41.51
4219.0	0.01	51	6.0	5.69	0	41.47
4220.0	0.01	41	8.7	5.69	0	41.40
4221.0	0.01	45	8.0	5.70	1	41.31
4222.0	0.00	71	3.7	5.73	2	41.24
4223.0	0.00	98	5.4	5.85	3	41.21
4224.0	0.00	100	5.0	5.83	0	41.19
4232.0	0.00	99	5.5	5.74	4	41.09
4233.0	0.00	70	5.4	5.76	1	41.07
4234.0	0.00	99	5.0	5.78	1	41.02
4241.0	0.00	70	3.5	5.74	5	40.99
4242.0	0.00	65	4.5	5.74	1	40.99
4243.0	0.00	100	5.4	5.78	3	40.95
4244.0	0.00	98	3.2	5.77	3	40.89

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT HC-FT
4245.0	0.03	59	7.0 0.0	2.77	1	40.85 22.47
4246.0	0.02	67	6.6 0.0	2.79	4	40.77 22.44
4247.0	0.00	100	3.5 0.0	2.79	8	40.72 22.43
4248.0	0.00	100	2.8 0.0	2.78	6	40.68 22.43
4249.0	0.00	100	2.6 0.0	2.78	6	40.65 22.43
4250.0	0.00	100	2.5 0.0	2.81	0	40.63 22.43
4252.0	0.00	74	1.9 0.0	2.82	0	40.59 22.43
4253.0	0.00	100	2.0 0.0	2.81	2	40.57 22.42
4254.0	0.00	77	3.2 0.0	2.79	0	40.55 22.42
4255.0	0.00	89	2.6 0.0	2.80	0	40.52 22.42
4259.0	0.00	98	2.2 0.0	2.78	0	40.45 22.42
4260.0	0.00	56	4.5 0.0	2.73	1	40.43 22.41
4261.0	0.00	66	4.0 0.0	2.74	2	40.38 22.39
4262.0	0.00	71	4.2 0.0	2.78	1	40.34 22.38
4263.0	0.00	91	3.3 0.0	2.80	0	40.30 22.37
4267.0	0.00	73	2.6 0.0	2.75	2	40.23 22.37
4268.0	0.00	56	4.1 0.0	2.73	3	40.20 22.36
4269.0	0.01	46	5.5 0.0	2.71	1	40.16 22.34
4270.0	0.01	45	5.5 0.0	2.72	2	40.10 22.31
4271.0	0.09	35	7.5 0.0	2.73	2	40.04 22.27
4272.0	0.69	29	10.0 0.0	2.74	0	39.96 22.22
4273.0	0.23	34	8.7 0.0	2.75	0	39.86 22.15
4274.0	0.03	42	6.7 0.0	2.77	0	39.78 22.10
4275.0	0.02	49	6.6 0.0	2.81	0	39.71 22.06
4276.0	0.00	75	4.3 0.0	2.81	0	39.65 22.03
4277.0	0.00	86	2.9 0.1	2.80	0	39.61 22.02
4284.0	0.00	60	2.2 0.0	2.78	0	39.52 22.02
4285.0	0.00	47	4.7 0.0	2.79	0	39.50 22.00
4286.0	0.00	58	4.3 0.0	2.79	0	39.45 21.98
4287.0	0.00	77	3.4 0.0	2.81	4	39.41 21.97
4288.0	0.00	99	3.6 0.5	2.85	7	39.37 21.96
4289.0	0.00	100	3.8 0.0	2.85	0	39.34 21.96
4295.0	0.00	41	2.5 0.0	2.74	0	39.28 21.96
4296.0	0.00	41	3.0 0.0	2.74	0	39.25 21.94
4297.0	0.00	42	4.1 0.0	2.74	0	39.22 21.92
4298.0	0.02	37	5.9 0.0	2.74	0	39.17 21.89
4299.0	0.03	43	6.5 0.0	2.75	0	39.11 21.85
4300.0	0.00	63	4.8 0.0	2.77	0	39.05 21.82
4301.0	0.01	38	5.1 0.5	2.79	0	39.00 21.81
4302.0	0.00	37	3.4 0.0	2.79	0	38.95 21.77
4309.0	0.00	100	3.0 0.0	2.82	2	38.88 21.76
4310.0	0.00	88	4.9 0.0	2.77	7	38.86 21.76

DEPTH FEET	DEPTH METERS	WELL NO.	WELL NAME	WELL TYPE	WELL STATUS	WELL DATE	WELL TIME	WELL LOCATION
4310.0	1252.9	1	WELL	WELL	WELL	WELL	WELL	WELL
4300.0	1240.8	1	WELL	WELL	WELL	WELL	WELL	WELL
4290.0	1228.7	1	WELL	WELL	WELL	WELL	WELL	WELL
4280.0	1216.6	1	WELL	WELL	WELL	WELL	WELL	WELL
4270.0	1204.5	1	WELL	WELL	WELL	WELL	WELL	WELL
4260.0	1192.4	1	WELL	WELL	WELL	WELL	WELL	WELL
4250.0	1180.3	1	WELL	WELL	WELL	WELL	WELL	WELL
4240.0	1168.2	1	WELL	WELL	WELL	WELL	WELL	WELL
4230.0	1156.1	1	WELL	WELL	WELL	WELL	WELL	WELL
4220.0	1144.0	1	WELL	WELL	WELL	WELL	WELL	WELL
4210.0	1131.9	1	WELL	WELL	WELL	WELL	WELL	WELL
4200.0	1119.8	1	WELL	WELL	WELL	WELL	WELL	WELL
4190.0	1107.7	1	WELL	WELL	WELL	WELL	WELL	WELL
4180.0	1095.6	1	WELL	WELL	WELL	WELL	WELL	WELL
4170.0	1083.5	1	WELL	WELL	WELL	WELL	WELL	WELL
4160.0	1071.4	1	WELL	WELL	WELL	WELL	WELL	WELL
4150.0	1059.3	1	WELL	WELL	WELL	WELL	WELL	WELL
4140.0	1047.2	1	WELL	WELL	WELL	WELL	WELL	WELL
4130.0	1035.1	1	WELL	WELL	WELL	WELL	WELL	WELL
4120.0	1023.0	1	WELL	WELL	WELL	WELL	WELL	WELL
4110.0	1010.9	1	WELL	WELL	WELL	WELL	WELL	WELL
4100.0	998.8	1	WELL	WELL	WELL	WELL	WELL	WELL
4090.0	986.7	1	WELL	WELL	WELL	WELL	WELL	WELL
4080.0	974.6	1	WELL	WELL	WELL	WELL	WELL	WELL
4070.0	962.5	1	WELL	WELL	WELL	WELL	WELL	WELL
4060.0	950.4	1	WELL	WELL	WELL	WELL	WELL	WELL
4050.0	938.3	1	WELL	WELL	WELL	WELL	WELL	WELL
4040.0	926.2	1	WELL	WELL	WELL	WELL	WELL	WELL
4030.0	914.1	1	WELL	WELL	WELL	WELL	WELL	WELL
4020.0	902.0	1	WELL	WELL	WELL	WELL	WELL	WELL
4010.0	889.9	1	WELL	WELL	WELL	WELL	WELL	WELL
4000.0	877.8	1	WELL	WELL	WELL	WELL	WELL	WELL
3990.0	865.7	1	WELL	WELL	WELL	WELL	WELL	WELL
3980.0	853.6	1	WELL	WELL	WELL	WELL	WELL	WELL
3970.0	841.5	1	WELL	WELL	WELL	WELL	WELL	WELL
3960.0	829.4	1	WELL	WELL	WELL	WELL	WELL	WELL
3950.0	817.3	1	WELL	WELL	WELL	WELL	WELL	WELL
3940.0	805.2	1	WELL	WELL	WELL	WELL	WELL	WELL
3930.0	793.1	1	WELL	WELL	WELL	WELL	WELL	WELL
3920.0	781.0	1	WELL	WELL	WELL	WELL	WELL	WELL
3910.0	768.9	1	WELL	WELL	WELL	WELL	WELL	WELL
3900.0	756.8	1	WELL	WELL	WELL	WELL	WELL	WELL
3890.0	744.7	1	WELL	WELL	WELL	WELL	WELL	WELL
3880.0	732.6	1	WELL	WELL	WELL	WELL	WELL	WELL
3870.0	720.5	1	WELL	WELL	WELL	WELL	WELL	WELL
3860.0	708.4	1	WELL	WELL	WELL	WELL	WELL	WELL
3850.0	696.3	1	WELL	WELL	WELL	WELL	WELL	WELL
3840.0	684.2	1	WELL	WELL	WELL	WELL	WELL	WELL
3830.0	672.1	1	WELL	WELL	WELL	WELL	WELL	WELL
3820.0	660.0	1	WELL	WELL	WELL	WELL	WELL	WELL
3810.0	647.9	1	WELL	WELL	WELL	WELL	WELL	WELL
3800.0	635.8	1	WELL	WELL	WELL	WELL	WELL	WELL
3790.0	623.7	1	WELL	WELL	WELL	WELL	WELL	WELL
3780.0	611.6	1	WELL	WELL	WELL	WELL	WELL	WELL
3770.0	599.5	1	WELL	WELL	WELL	WELL	WELL	WELL
3760.0	587.4	1	WELL	WELL	WELL	WELL	WELL	WELL
3750.0	575.3	1	WELL	WELL	WELL	WELL	WELL	WELL
3740.0	563.2	1	WELL	WELL	WELL	WELL	WELL	WELL
3730.0	551.1	1	WELL	WELL	WELL	WELL	WELL	WELL
3720.0	539.0	1	WELL	WELL	WELL	WELL	WELL	WELL
3710.0	526.9	1	WELL	WELL	WELL	WELL	WELL	WELL
3700.0	514.8	1	WELL	WELL	WELL	WELL	WELL	WELL
3690.0	502.7	1	WELL	WELL	WELL	WELL	WELL	WELL
3680.0	490.6	1	WELL	WELL	WELL	WELL	WELL	WELL
3670.0	478.5	1	WELL	WELL	WELL	WELL	WELL	WELL
3660.0	466.4	1	WELL	WELL	WELL	WELL	WELL	WELL
3650.0	454.3	1	WELL	WELL	WELL	WELL	WELL	WELL
3640.0	442.2	1	WELL	WELL	WELL	WELL	WELL	WELL
3630.0	430.1	1	WELL	WELL	WELL	WELL	WELL	WELL
3620.0	418.0	1	WELL	WELL	WELL	WELL	WELL	WELL
3610.0	405.9	1	WELL	WELL	WELL	WELL	WELL	WELL
3600.0	393.8	1	WELL	WELL	WELL	WELL	WELL	WELL
3590.0	381.7	1	WELL	WELL	WELL	WELL	WELL	WELL
3580.0	369.6	1	WELL	WELL	WELL	WELL	WELL	WELL
3570.0	357.5	1	WELL	WELL	WELL	WELL	WELL	WELL
3560.0	345.4	1	WELL	WELL	WELL	WELL	WELL	WELL
3550.0	333.3	1	WELL	WELL	WELL	WELL	WELL	WELL
3540.0	321.2	1	WELL	WELL	WELL	WELL	WELL	WELL
3530.0	309.1	1	WELL	WELL	WELL	WELL	WELL	WELL
3520.0	297.0	1	WELL	WELL	WELL	WELL	WELL	WELL
3510.0	284.9	1	WELL	WELL	WELL	WELL	WELL	WELL
3500.0	272.8	1	WELL	WELL	WELL	WELL	WELL	WELL
3490.0	260.7	1	WELL	WELL	WELL	WELL	WELL	WELL
3480.0	248.6	1	WELL	WELL	WELL	WELL	WELL	WELL
3470.0	236.5	1	WELL	WELL	WELL	WELL	WELL	WELL
3460.0	224.4	1	WELL	WELL	WELL	WELL	WELL	WELL
3450.0	212.3	1	WELL	WELL	WELL	WELL	WELL	WELL
3440.0	200.2	1	WELL	WELL	WELL	WELL	WELL	WELL
3430.0	188.1	1	WELL	WELL	WELL	WELL	WELL	WELL
3420.0	176.0	1	WELL	WELL	WELL	WELL	WELL	WELL
3410.0	163.9	1	WELL	WELL	WELL	WELL	WELL	WELL
3400.0	151.8	1	WELL	WELL	WELL	WELL	WELL	WELL
3390.0	139.7	1	WELL	WELL	WELL	WELL	WELL	WELL
3380.0	127.6	1	WELL	WELL	WELL	WELL	WELL	WELL
3370.0	115.5	1	WELL	WELL	WELL	WELL	WELL	WELL
3360.0	103.4	1	WELL	WELL	WELL	WELL	WELL	WELL
3350.0	91.3	1	WELL	WELL	WELL	WELL	WELL	WELL
3340.0	79.2	1	WELL	WELL	WELL	WELL	WELL	WELL
3330.0	67.1	1	WELL	WELL	WELL	WELL	WELL	WELL
3320.0	55.0	1	WELL	WELL	WELL	WELL	WELL	WELL
3310.0	42.9	1	WELL	WELL	WELL	WELL	WELL	WELL
3300.0	30.8	1	WELL	WELL	WELL	WELL	WELL	WELL
3290.0	18.7	1	WELL	WELL	WELL	WELL	WELL	WELL
3280.0	6.6	1	WELL	WELL	WELL	WELL	WELL	WELL
3270.0	-5.5	1	WELL	WELL	WELL	WELL	WELL	WELL
3260.0	-17.6	1	WELL	WELL	WELL	WELL	WELL	WELL
3250.0	-29.7	1	WELL	WELL	WELL	WELL	WELL	WELL
3240.0	-41.8	1	WELL	WELL	WELL	WELL	WELL	WELL
3230.0	-53.9	1	WELL	WELL	WELL	WELL	WELL	WELL
3220.0	-66.0	1	WELL	WELL	WELL	WELL	WELL	WELL
3210.0	-78.1	1	WELL	WELL	WELL	WELL	WELL	WELL
3200.0	-90.2	1	WELL	WELL	WELL	WELL	WELL	WELL
3190.0	-102.3	1	WELL	WELL	WELL	WELL	WELL	WELL
3180.0	-114.4	1	WELL	WELL	WELL	WELL	WELL	WELL
3170.0	-126.5	1	WELL	WELL	WELL	WELL	WELL	WELL
3160.0	-138.6	1	WELL	WELL	WELL	WELL	WELL	WELL
3150.0	-150.7	1	WELL	WELL	WELL	WELL	WELL	WELL
3140.0	-162.8	1	WELL	WELL	WELL	WELL	WELL	WELL
3130.0	-174.9	1	WELL	WELL	WELL	WELL	WELL	WELL
3120.0	-187.0	1	WELL	WELL	WELL	WELL	WELL	WELL
3110.0	-199.1	1	WELL	WELL	WELL	WELL	WELL	WELL
3100.0	-211.2	1	WELL	WELL	WELL	WELL	WELL	WELL
3090.0	-223.3	1	WELL	WELL	WELL	WELL	WELL	WELL
3080.0	-235.4	1	WELL	WELL	WELL	WELL	WELL	WELL
3070.0	-247.5	1	WELL	WELL	WELL	WELL	WELL	WELL
3060.0	-259.6	1	WELL	WELL	WELL	WELL	WELL	WELL
3050.0	-271.7	1	WELL	WELL	WELL	WELL	WELL	WELL
3040.0	-283.8	1	WELL	WELL	WELL	WELL	WELL	WELL
3030.0	-295.9	1	WELL	WELL	WELL	WELL	WELL	WELL
3020.0	-308.0	1	WELL	WELL	WELL	WELL	WELL	WELL
3010.0	-320.1	1	WELL	WELL	WELL	WELL	WELL	WELL
3000.0	-332.2	1	WELL	WELL	WELL	WELL	WELL	WELL
2990.0	-344.3	1	WELL	WELL	WELL	WELL	WELL	WELL
2980.0	-356.4	1	WELL	WELL	WELL	WELL	WELL	WELL
2970.0	-368.5	1	WELL	WELL	WELL	WELL	WELL	WELL
2960.0	-380.6	1	WELL	WELL	WELL	WELL	WELL	WELL
2950.0	-392.7	1	WELL	WELL	WELL	WELL	WELL	WELL
2940.0	-404.8	1	WELL	WELL	WELL	WELL	WELL	WELL
2930.0	-416.9	1	WELL	WELL	WELL	WELL	WELL	WELL
2920.0	-429.0	1	WELL	WELL	WELL	WELL	WELL	WELL
2910.0	-441.1	1	WELL	WELL	WELL	WELL	WELL	WELL
2900.0	-453.2	1	WELL	WELL	WELL	WELL	WELL	WELL
2890.0	-465.3	1	WELL	WELL	WELL	WELL	WELL	WELL
2880.0	-477.4	1	WELL	WELL	WELL	WELL	WELL	WELL
2870.0	-489.5	1	WELL	WELL	WELL	WELL	WELL	WELL
2860.0	-501.6	1	WELL	WELL	WELL	WELL	WELL	WELL
2850.0	-513.7	1	WELL	WELL	WELL	WELL	WELL	WELL
2840.0	-525.8	1	WELL	WELL	WELL	WELL	WELL	WELL
2830.0	-537.9	1	WELL	WELL	WELL	WELL	WELL	WELL
2820.0	-550.0	1	WELL	WELL	WELL	WELL	WELL	WELL
2810.0	-562.1	1	WELL	WELL	WELL	WELL	WELL	WELL
2800.0	-574.2	1	WELL	WELL	WELL	WELL	WELL	WELL
2790.0	-586.3	1	WELL	WELL	WELL	WELL	WELL	WELL
2780.0	-598.4	1	WELL	WELL	WELL	WELL	WELL	WELL
2770.0	-610.5	1	WELL	WELL	WELL	WELL	WELL	WELL
2760.0	-622.6	1	WELL	WELL	WELL	WELL	WELL	WELL
2750.0	-634.7	1	WELL	WELL	WELL	WELL	WELL	WELL
2740.0	-646.8	1	WELL	WELL	WELL	WELL	WELL	WELL
2730.0	-658.9	1	WELL	WELL	WELL	WELL	WELL	WELL
2720.0	-671.0	1	WELL	WELL	WELL	WELL	WELL	WELL
2710.0	-683.1	1	WELL	WELL	WELL	WELL	WELL	WELL
2700.0	-695.2	1	WELL	WELL	WELL	WELL	WELL	WELL
2690.0	-707.3	1	WELL	WELL	WELL	WELL	WELL	WELL
2680.0	-719.4	1						

DEPTH FEET	PERM. TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. % %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR=FT HC=FT
4311.0	0.02	57	6.7 0.0	2.71	2	38.80 21.75
4312.0	0.01	58	5.6 0.0	2.73	1	38.73 21.72
4313.0	0.02	52	6.4 0.0	2.73	1	38.68 21.69
4314.0	0.11	42	8.2 0.0	2.71	0	38.61 21.66
4315.0	0.14	41	8.5 0.0	2.72	0	38.53 21.61
4316.0	0.09	41	8.0 0.0	2.72	0	38.44 21.56
4317.0	0.13	39	8.3 0.0	2.71	0	38.36 21.52
4318.0	0.28	35	9.1 0.0	2.70	0	38.28 21.46
4319.0	0.30	34	9.2 0.0	2.72	0	38.19 21.40
4320.0	0.02	49	6.7 0.0	2.79	1	38.10 21.35
4321.0	0.00	61	4.6 0.0	2.78	1	38.04 21.32
4322.0	0.00	47	4.7 0.0	2.77	0	37.99 21.30
4323.0	0.00	55	4.1 0.0	2.79	0	37.95 21.28
4324.0	0.00	50	5.2 0.0	2.80	0	37.90 21.26
4325.0	0.00	61	4.7 0.7	2.82	1	37.85 21.23
4327.0	0.00	76	2.0 0.0	2.83	0	37.80 21.22
4328.0	0.00	71	3.3 0.0	2.80	1	37.78 21.22
4329.0	0.01	52	5.4 0.0	2.75	0	37.74 21.20
4330.0	0.04	51	7.3 0.0	2.76	0	37.68 21.18
4331.0	0.05	53	7.7 0.0	2.74	0	37.60 21.14
4332.0	0.05	45	7.3 0.0	2.74	0	37.53 21.11
4333.0	0.02	48	6.3 0.0	2.75	2	37.45 21.06
4334.0	0.02	54	6.4 0.0	2.80	1	37.39 21.03
4335.0	0.00	65	5.2 0.0	2.80	0	37.33 21.01
4336.0	0.00	65	4.5 0.0	2.79	0	37.29 21.00
4337.0	0.00	65	4.7 0.0	2.77	0	37.24 20.98
4338.0	0.00	58	3.6 0.0	2.77	0	37.20 20.97
4339.0	0.00	38	4.4 0.0	2.78	0	37.16 20.95
4340.0	0.01	44	5.1 0.0	2.79	0	37.11 20.92
4341.0	0.00	64	3.8 0.0	2.79	0	37.07 20.90
4342.0	0.00	82	3.2 0.0	2.80	1	37.03 20.88
4343.0	0.00	100	2.6 0.0	2.80	0	37.00 20.88
4344.0	0.00	100	2.6 0.0	2.78	2	36.98 20.88
4345.0	0.01	60	5.3 0.0	2.76	0	36.94 20.87
4346.0	0.06	39	7.3 0.4	2.75	0	36.88 20.85
4347.0	0.06	36	7.1 0.4	2.78	0	36.81 20.80
4348.0	0.00	59	3.9 0.0	2.79	0	36.74 20.76
4349.0	0.00	96	2.0 0.0	2.79	0	36.71 20.75
4351.0	0.00	100	2.1 0.0	2.82	1	36.67 20.75
4353.0	0.00	57	3.6 0.0	2.78	0	36.64 20.75
4354.0	0.00	59	5.2 0.0	2.78	0	36.59 20.73
4355.0	0.01	47	5.8 0.0	2.76	0	36.54 20.71
4356.0	0.16	30	7.8 0.0	2.76	0	36.48 20.67
4357.0	0.13	35	8.0 0.0	2.78	0	36.40 20.61
4358.0	0.02	44	6.3 0.4	2.79	0	36.32 20.56

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR=FT HC=FT
4359.0	0.00	51	4.8	0.0	2.80	0 36.26 20.54
4360.0	0.01	38	5.3	0.5	2.79	0 36.21 20.51
4361.0	0.00	48	5.1	0.2	2.82	0 36.16 20.47
4362.0	0.00	86	3.1	0.0	2.84	1 36.11 20.45
4369.0	0.00	17	2.7	0.0	2.82	0 36.04 20.44
4370.0	0.01	19	3.9	0.0	2.80	0 36.01 20.42
4371.0	0.00	27	4.3	0.1	2.81	0 35.97 20.38
4372.0	0.00	32	4.0	0.0	2.82	0 35.93 20.35
4373.0	0.00	26	3.9	0.3	2.81	0 35.89 20.33
4374.0	0.01	17	4.2	0.8	2.80	0 35.85 20.30
4375.0	0.01	17	3.7	0.7	2.80	0 35.81 20.26
4376.0	0.01	17	3.7	1.2	2.80	0 35.77 20.23
4377.0	0.00	27	2.6	0.2	2.80	0 35.74 20.20
4378.0	0.00	29	2.6	0.1	2.81	0 35.71 20.19
4379.0	0.00	25	2.5	0.0	2.83	0 35.69 20.17
4380.0	0.00	22	2.2	0.0	2.82	0 35.66 20.15
4385.0	0.00	18	2.8	0.0	2.80	0 35.61 20.12
4386.0	0.02	14	4.3	0.1	2.81	0 35.58 20.09
4387.0	0.00	23	2.6	0.0	2.82	0 35.54 20.06
4388.0	0.00	35	1.9	0.0	2.81	0 35.52 20.04
4392.0	0.00	18	2.9	0.0	2.82	0 35.47 20.02
4393.0	0.00	32	3.5	0.4	2.85	1 35.44 19.99
4394.0	0.00	34	3.4	0.8	2.82	0 35.41 19.97
4395.0	0.03	14	4.7	1.5	2.81	0 35.37 19.94
4396.0	0.81	8	7.1	2.3	2.83	0 35.32 19.90
4397.0	0.20	8	5.6	1.9	2.84	0 35.25 19.84
4398.0	0.00	10	3.1	1.0	2.83	0 35.20 19.79
4399.0	0.00	15	3.5	1.0	2.84	0 35.17 19.77
4400.0	0.00	31	2.0	0.7	2.82	0 35.14 19.74
4407.0	0.00	14	2.1	0.1	2.85	0 35.09 19.72
4408.0	0.01	9	3.3	1.1	2.82	0 35.06 19.70
4409.0	0.01	9	3.5	1.2	2.82	0 35.03 19.67
4418.0	0.00	10	2.8	0.0	2.84	0 34.92 19.60
4419.0	0.30	6	6.0	0.0	2.84	0 34.88 19.57
4420.0	0.00	10	2.8	0.0	2.85	0 34.83 19.51
4422.0	1.51	6	7.9	1.7	2.80	0 34.78 19.47
4423.0	14.55	6	11.5	3.5	2.81	0 34.68 19.39
4424.0	12.87	7	11.3	2.2	2.83	0 34.57 19.28
4425.0	9.58	6	10.7	3.5	2.83	0 34.45 19.17
4426.0	5.79	6	9.9	3.3	2.81	0 34.35 19.08
4427.0	2.16	7	8.4	2.8	2.81	0 34.26 18.99
4428.0	0.46	7	6.5	2.1	2.80	0 34.18 18.92

FEET	DEPTH	OIL-GAS	WATER	POROSITY	DENSITY	SHAPE	CHUM
(INDEX)	PERM. TO	SAT.	TOTAL SEC.	GNCC	VOLUME	INTEGRATIONS	HO-FT
4350.0	0.40	7	6.2	2.1	5.80	0	34.18
4351.0	2.10	7	8.4	2.2	5.81	0	34.50
4352.0	2.70	6	9.0	3.3	5.81	0	34.32
4353.0	2.20	6	10.7	3.2	5.83	0	34.42
4354.0	15.87	7	11.3	3.5	5.83	0	34.27
4355.0	14.22	6	11.2	3.2	5.81	0	34.68
4356.0	1.21	6	7.0	1.7	5.80	0	34.78
4357.0	0.00	7	6.2	2.1	5.80	0	34.18
4358.0	0.00	10	5.8	0.0	5.82	0	34.83
4359.0	0.30	6	6.0	0.0	5.84	0	34.88
4360.0	0.00	10	5.8	0.0	5.84	0	34.92
4361.0	0.00	6	5.8	0.0	5.84	0	34.88
4362.0	0.00	10	5.8	0.0	5.84	0	34.92
4363.0	0.01	9	3.2	1.5	5.85	0	32.03
4364.0	0.01	9	3.3	1.1	5.85	0	32.06
4365.0	0.00	14	5.1	0.1	5.82	0	32.08
4366.0	0.00	31	5.0	0.7	5.85	0	32.14
4367.0	0.00	12	3.2	1.0	5.84	0	32.17
4368.0	0.00	10	3.1	1.0	5.83	0	32.20
4369.0	0.50	8	2.0	1.0	5.84	0	32.22
4370.0	0.81	8	7.1	5.3	5.83	0	32.32
4371.0	0.03	14	4.7	1.2	5.81	0	32.37
4372.0	0.00	34	3.4	0.8	5.85	0	32.41
4373.0	0.00	35	3.2	0.4	5.82	1	32.42
4374.0	0.00	18	5.0	0.0	5.85	0	32.47
4375.0	0.00	32	1.0	0.0	5.81	0	32.25
4376.0	0.00	53	5.0	0.0	5.85	0	32.24
4377.0	0.05	14	4.3	0.1	5.81	0	32.28
4378.0	0.00	18	5.8	0.0	5.80	0	32.41
4379.0	0.00	55	5.5	0.0	5.85	0	32.06
4380.0	0.00	55	5.5	0.0	5.85	0	32.06
4381.0	0.00	55	5.5	0.0	5.85	0	32.06
4382.0	0.00	55	5.5	0.0	5.85	0	32.06
4383.0	0.00	55	5.5	0.0	5.85	0	32.06
4384.0	0.00	55	5.5	0.0	5.85	0	32.06
4385.0	0.00	55	5.5	0.0	5.85	0	32.06
4386.0	0.00	55	5.5	0.0	5.85	0	32.06
4387.0	0.00	55	5.5	0.0	5.85	0	32.06
4388.0	0.00	55	5.5	0.0	5.85	0	32.06
4389.0	0.00	55	5.5	0.0	5.85	0	32.06
4390.0	0.00	55	5.5	0.0	5.85	0	32.06
4391.0	0.00	55	5.5	0.0	5.85	0	32.06
4392.0	0.00	55	5.5	0.0	5.85	0	32.06
4393.0	0.00	55	5.5	0.0	5.85	0	32.06
4394.0	0.00	55	5.5	0.0	5.85	0	32.06
4395.0	0.00	55	5.5	0.0	5.85	0	32.06
4396.0	0.00	55	5.5	0.0	5.85	0	32.06
4397.0	0.00	55	5.5	0.0	5.85	0	32.06
4398.0	0.00	55	5.5	0.0	5.85	0	32.06
4399.0	0.00	55	5.5	0.0	5.85	0	32.06
4400.0	0.00	55	5.5	0.0	5.85	0	32.06
4401.0	0.00	55	5.5	0.0	5.85	0	32.06
4402.0	0.00	55	5.5	0.0	5.85	0	32.06
4403.0	0.00	55	5.5	0.0	5.85	0	32.06
4404.0	0.00	55	5.5	0.0	5.85	0	32.06
4405.0	0.00	55	5.5	0.0	5.85	0	32.06
4406.0	0.00	55	5.5	0.0	5.85	0	32.06
4407.0	0.00	55	5.5	0.0	5.85	0	32.06
4408.0	0.00	55	5.5	0.0	5.85	0	32.06
4409.0	0.00	55	5.5	0.0	5.85	0	32.06
4410.0	0.00	55	5.5	0.0	5.85	0	32.06
4411.0	0.00	55	5.5	0.0	5.85	0	32.06
4412.0	0.00	55	5.5	0.0	5.85	0	32.06
4413.0	0.00	55	5.5	0.0	5.85	0	32.06
4414.0	0.00	55	5.5	0.0	5.85	0	32.06
4415.0	0.00	55	5.5	0.0	5.85	0	32.06
4416.0	0.00	55	5.5	0.0	5.85	0	32.06
4417.0	0.00	55	5.5	0.0	5.85	0	32.06
4418.0	0.00	55	5.5	0.0	5.85	0	32.06
4419.0	0.00	55	5.5	0.0	5.85	0	32.06
4420.0	0.00	55	5.5	0.0	5.85	0	32.06
4421.0	0.00	55	5.5	0.0	5.85	0	32.06
4422.0	0.00	55	5.5	0.0	5.85	0	32.06
4423.0	0.00	55	5.5	0.0	5.85	0	32.06
4424.0	0.00	55	5.5	0.0	5.85	0	32.06
4425.0	0.00	55	5.5	0.0	5.85	0	32.06
4426.0	0.00	55	5.5	0.0	5.85	0	32.06
4427.0	0.00	55	5.5	0.0	5.85	0	32.06
4428.0	0.00	55	5.5	0.0	5.85	0	32.06
4429.0	0.00	55	5.5	0.0	5.85	0	32.06
4430.0	0.00	55	5.5	0.0	5.85	0	32.06
4431.0	0.00	55	5.5	0.0	5.85	0	32.06
4432.0	0.00	55	5.5	0.0	5.85	0	32.06
4433.0	0.00	55	5.5	0.0	5.85	0	32.06
4434.0	0.00	55	5.5	0.0	5.85	0	32.06
4435.0	0.00	55	5.5	0.0	5.85	0	32.06
4436.0	0.00	55	5.5	0.0	5.85	0	32.06
4437.0	0.00	55	5.5	0.0	5.85	0	32.06
4438.0	0.00	55	5.5	0.0	5.85	0	32.06
4439.0	0.00	55	5.5	0.0	5.85	0	32.06
4440.0	0.00	55	5.5	0.0	5.85	0	32.06
4441.0	0.00	55	5.5	0.0	5.85	0	32.06
4442.0	0.00	55	5.5	0.0	5.85	0	32.06
4443.0	0.00	55	5.5	0.0	5.85	0	32.06
4444.0	0.00	55	5.5	0.0	5.85	0	32.06
4445.0	0.00	55	5.5	0.0	5.85	0	32.06
4446.0	0.00	55	5.5	0.0	5.85	0	32.06
4447.0	0.00	55	5.5	0.0	5.85	0	32.06
4448.0	0.00	55	5.5	0.0	5.85	0	32.06
4449.0	0.00	55	5.5	0.0	5.85	0	32.06
4450.0	0.00	55	5.5	0.0	5.85	0	32.06
4451.0	0.00	55	5.5	0.0	5.85	0	32.06
4452.0	0.00	55	5.5	0.0	5.85	0	32.06
4453.0	0.00	55	5.5	0.0	5.85	0	32.06
4454.0	0.00	55	5.5	0.0	5.85	0	32.06
4455.0	0.00	55	5.5	0.0	5.85	0	32.06
4456.0	0.00	55	5.5	0.0	5.85	0	32.06
4457.0	0.00	55	5.5	0.0	5.85	0	32.06
4458.0	0.00	55	5.5	0.0	5.85	0	32.06
4459.0	0.00	55	5.5	0.0	5.85	0	32.06
4460.0	0.00	55	5.5	0.0	5.85	0	32.06
4461.0	0.00	55	5.5	0.0	5.85	0	32.06
4462.0	0.00	55	5.5	0.0	5.85	0	32.06
4463.0	0.00	55	5.5	0.0	5.85	0	32.06
4464.0	0.00	55	5.5	0.0	5.85	0	32.06
4465.0	0.00	55	5.5	0.0	5.85	0	32.06
4466.0	0.00	55	5.5	0.0	5.85	0	32.06
4467.0	0.00	55	5.5	0.0	5.85	0	32.06
4468.0	0.00	55	5.5	0.0	5.85	0	32.06
4469.0	0.00	55	5.5	0.0	5.85	0	32.06
4470.0	0.00	55	5.5	0.0	5.85	0	32.06
4471.0	0.00	55	5.5	0.0	5.85	0	32.06
4472.0	0.00	55	5.5	0.0	5.85	0	32.06
4473.0	0.00	55	5.5	0.0	5.85	0	32.06
4474.0	0.00	55	5.5	0.0	5.85	0	32.06
4475.0	0.00	55	5.5	0.0	5.85	0	32.06
4476.0	0.00	55	5.5	0.0	5.85	0	32.06
4477.0	0.00	55	5.5	0.0	5.85	0	32.06
4478.0	0.00	55	5.5	0.0	5.85	0	32.06
4479.0	0.00	55	5.5	0.0	5.85	0	32.06
4480.0	0.00	55	5.5	0.0	5.85	0	32.06
4481.0	0.00	55	5.5	0.0	5.85	0	32.06
4482.0	0.00	55	5.5	0.0	5.85	0	32.06
4483.0	0.00	55	5.5	0.0	5.85	0	32.06
4484.0	0.00	55	5.5	0.0	5.85	0	32.06
4485.0	0.00	55	5.5	0.0	5.85	0	32.06
4486.0	0.00	55	5.5	0.0	5.85	0	32.06
4487.0	0.00	55	5.5	0.0	5.85	0	32.06
4488.0	0.00	55	5.5	0.0	5.85	0	32.06
4489.0	0.00	55	5.5	0.0	5.85	0	32.06
4490.0	0.00	55	5.5	0.0	5.85	0	32.06
4491.0	0.00	55	5.5	0.0	5.85	0	32.06
4492.0	0.00	55	5.5	0.0	5.85	0	32.06
4493.0	0.00	55	5.5	0.0	5.85	0	32.06
4494.0	0.00	55	5.5	0.0	5.85	0	32.06
4495.0	0.00	55	5.5	0.0	5.85	0	32.06
4496.0	0.00	55	5.5	0.0	5.85	0	32.06
4497.0	0.00	55	5.5	0.0	5.85	0	32.06
4498.0	0.00	55	5.5	0.0	5.85	0	32.06
4499.0	0.00	55	5.5	0.0	5.85	0	32.06
4500.0	0.00	55	5.5	0.0	5.85	0	32.06

DEPTH FEET	PERM. TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS	
							POR-FT	HC-FT
4429.0	0.40	7	6.3	1.8	2.83	0	34.11	18.86
4430.0	0.02	9	3.9	1.3	2.82	0	34.06	18.80
4431.0	0.00	10	2.9	0.9	2.82	0	34.02	18.77
4433.0	0.00	14	2.0	0.0	2.79	0	33.98	18.74
4434.0	0.18	6	5.5	0.2	2.72	0	33.95	18.71
4435.0	13.59	5	11.4	2.6	2.74	0	33.88	18.64
4436.0	64.64	5	14.8	4.9	2.77	0	33.76	18.53
4437.0	98.14	5	15.8	5.2	2.78	0	33.61	18.39
4438.0	66.65	5	14.8	2.4	2.80	0	33.45	18.24
4439.0	161.26	5	17.2	4.4	2.80	0	33.30	18.09
4440.0	168.72	6	17.3	3.4	2.79	0	33.12	17.93
4441.0	82.71	6	15.4	2.9	2.80	0	32.95	17.77
4442.0	50.43	6	14.2	3.0	2.80	0	32.80	17.63
4443.0	114.57	6	16.2	5.2	2.85	0	32.66	17.49
4444.0	209.19	6	18.0	5.9	2.87	0	32.49	17.34
4445.0	98.14	6	15.8	5.2	2.87	0	32.32	17.17
4446.0	45.46	6	13.9	4.3	2.84	0	32.17	17.03
4447.0	145.00	5	16.9	5.6	2.85	0	32.02	16.90
4448.0	241.29	6	18.4	6.1	2.85	0	31.85	16.73
4449.0	157.41	6	17.1	5.6	2.90	0	31.66	16.56
4450.0	28.34	6	12.9	4.2	2.87	0	31.50	16.41
4451.0	14.99	6	11.6	3.8	2.87	0	31.38	16.29
4452.0	12.14	7	11.2	3.7	2.86	0	31.26	16.18
4453.0	7.49	7	10.3	3.4	2.86	0	31.15	16.09
4454.0	20.95	7	12.2	4.0	2.84	0	31.05	15.99
4455.0	14.99	6	11.6	3.8	2.85	0	30.92	15.87
4456.0	10.70	5	10.9	3.6	2.82	0	30.81	15.77
4457.0	0.59	7	6.8	1.3	2.83	0	30.71	15.68
4458.0	0.05	9	4.5	1.2	2.82	0	30.65	15.62
4459.0	0.00	15	3.2	0.7	2.82	0	30.61	15.58
4460.0	0.80	16	3.5	1.2	2.81	0	30.58	15.56
4461.0	0.00	22	2.7	0.9	2.82	0	30.54	15.53
4462.0	0.00	40	2.0	0.7	2.83	0	30.52	15.51
4463.0	0.00	31	2.3	0.6	2.80	0	30.50	15.50
4464.0	0.03	12	4.5	1.4	2.79	0	30.47	15.48
4465.0	1.83	10	8.2	2.7	2.79	0	30.42	15.43
4466.0	11.63	10	11.2	3.7	2.84	0	30.33	15.35
4467.0	23.09	8	12.4	4.1	2.85	0	30.22	15.25
4468.0	12.14	6	11.2	3.7	2.82	0	30.09	15.13
4469.0	0.20	8	5.6	1.5	2.82	0	30.00	15.04
4470.0	0.00	23	2.1	0.1	2.84	0	29.95	15.00
4471.0	0.00	35	2.0	0.4	2.84	0	29.93	14.99
4472.0	0.00	27	3.0	0.8	2.81	0	29.91	14.97
4473.0	0.01	17	3.7	1.2	2.80	0	29.88	14.95
4474.0	0.00	25	2.2	0.7	2.81	0	29.85	14.92
4477.0	0.00	99	2.0	0.5	2.81	0	29.81	14.91

DEPTH FEET	PERM. TO OIL-GAS (Darcy)	WATER SAT. #	POROSITY TOTAL SEC. #	MATRIX DENSITY G/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS PORELT HC-FT
4437.0	0.00	69	5.0	0.2	5.81	14.81
4434.0	0.00	52	5.5	0.7	5.61	14.85
4433.0	0.01	17	3.7	1.5	5.80	14.88
4432.0	0.00	53	5.0	0.4	5.84	14.93
4431.0	0.00	53	3.0	0.8	5.81	14.97
4430.0	0.00	17	3.7	1.5	5.80	15.00
4429.0	0.00	53	5.0	0.4	5.84	15.05
4428.0	0.00	53	5.0	0.4	5.84	15.09
4427.0	0.00	53	5.0	0.4	5.84	15.13
4426.0	0.00	53	5.0	0.4	5.84	15.17
4425.0	0.00	53	5.0	0.4	5.84	15.21
4424.0	0.00	53	5.0	0.4	5.84	15.25
4423.0	0.00	53	5.0	0.4	5.84	15.29
4422.0	0.00	53	5.0	0.4	5.84	15.33
4421.0	0.00	53	5.0	0.4	5.84	15.37
4420.0	0.00	53	5.0	0.4	5.84	15.41
4419.0	0.00	53	5.0	0.4	5.84	15.45
4418.0	0.00	53	5.0	0.4	5.84	15.49
4417.0	0.00	53	5.0	0.4	5.84	15.53
4416.0	0.00	53	5.0	0.4	5.84	15.57
4415.0	0.00	53	5.0	0.4	5.84	15.61
4414.0	0.00	53	5.0	0.4	5.84	15.65
4413.0	0.00	53	5.0	0.4	5.84	15.69
4412.0	0.00	53	5.0	0.4	5.84	15.73
4411.0	0.00	53	5.0	0.4	5.84	15.77
4410.0	0.00	53	5.0	0.4	5.84	15.81
4409.0	0.00	53	5.0	0.4	5.84	15.85
4408.0	0.00	53	5.0	0.4	5.84	15.89
4407.0	0.00	53	5.0	0.4	5.84	15.93
4406.0	0.00	53	5.0	0.4	5.84	15.97
4405.0	0.00	53	5.0	0.4	5.84	16.01
4404.0	0.00	53	5.0	0.4	5.84	16.05
4403.0	0.00	53	5.0	0.4	5.84	16.09
4402.0	0.00	53	5.0	0.4	5.84	16.13
4401.0	0.00	53	5.0	0.4	5.84	16.17
4400.0	0.00	53	5.0	0.4	5.84	16.21
4399.0	0.00	53	5.0	0.4	5.84	16.25
4398.0	0.00	53	5.0	0.4	5.84	16.29
4397.0	0.00	53	5.0	0.4	5.84	16.33
4396.0	0.00	53	5.0	0.4	5.84	16.37
4395.0	0.00	53	5.0	0.4	5.84	16.41
4394.0	0.00	53	5.0	0.4	5.84	16.45
4393.0	0.00	53	5.0	0.4	5.84	16.49
4392.0	0.00	53	5.0	0.4	5.84	16.53
4391.0	0.00	53	5.0	0.4	5.84	16.57
4390.0	0.00	53	5.0	0.4	5.84	16.61
4389.0	0.00	53	5.0	0.4	5.84	16.65
4388.0	0.00	53	5.0	0.4	5.84	16.69
4387.0	0.00	53	5.0	0.4	5.84	16.73
4386.0	0.00	53	5.0	0.4	5.84	16.77
4385.0	0.00	53	5.0	0.4	5.84	16.81
4384.0	0.00	53	5.0	0.4	5.84	16.85
4383.0	0.00	53	5.0	0.4	5.84	16.89
4382.0	0.00	53	5.0	0.4	5.84	16.93
4381.0	0.00	53	5.0	0.4	5.84	16.97
4380.0	0.00	53	5.0	0.4	5.84	17.01
4379.0	0.00	53	5.0	0.4	5.84	17.05
4378.0	0.00	53	5.0	0.4	5.84	17.09
4377.0	0.00	53	5.0	0.4	5.84	17.13
4376.0	0.00	53	5.0	0.4	5.84	17.17
4375.0	0.00	53	5.0	0.4	5.84	17.21
4374.0	0.00	53	5.0	0.4	5.84	17.25
4373.0	0.00	53	5.0	0.4	5.84	17.29
4372.0	0.00	53	5.0	0.4	5.84	17.33
4371.0	0.00	53	5.0	0.4	5.84	17.37
4370.0	0.00	53	5.0	0.4	5.84	17.41
4369.0	0.00	53	5.0	0.4	5.84	17.45
4368.0	0.00	53	5.0	0.4	5.84	17.49
4367.0	0.00	53	5.0	0.4	5.84	17.53
4366.0	0.00	53	5.0	0.4	5.84	17.57
4365.0	0.00	53	5.0	0.4	5.84	17.61
4364.0	0.00	53	5.0	0.4	5.84	17.65
4363.0	0.00	53	5.0	0.4	5.84	17.69
4362.0	0.00	53	5.0	0.4	5.84	17.73
4361.0	0.00	53	5.0	0.4	5.84	17.77
4360.0	0.00	53	5.0	0.4	5.84	17.81
4359.0	0.00	53	5.0	0.4	5.84	17.85
4358.0	0.00	53	5.0	0.4	5.84	17.89
4357.0	0.00	53	5.0	0.4	5.84	17.93
4356.0	0.00	53	5.0	0.4	5.84	17.97
4355.0	0.00	53	5.0	0.4	5.84	18.01
4354.0	0.00	53	5.0	0.4	5.84	18.05
4353.0	0.00	53	5.0	0.4	5.84	18.09
4352.0	0.00	53	5.0	0.4	5.84	18.13
4351.0	0.00	53	5.0	0.4	5.84	18.17
4350.0	0.00	53	5.0	0.4	5.84	18.21
4349.0	0.00	53	5.0	0.4	5.84	18.25
4348.0	0.00	53	5.0	0.4	5.84	18.29
4347.0	0.00	53	5.0	0.4	5.84	18.33
4346.0	0.00	53	5.0	0.4	5.84	18.37
4345.0	0.00	53	5.0	0.4	5.84	18.41
4344.0	0.00	53	5.0	0.4	5.84	18.45
4343.0	0.00	53	5.0	0.4	5.84	18.49
4342.0	0.00	53	5.0	0.4	5.84	18.53
4341.0	0.00	53	5.0	0.4	5.84	18.57
4340.0	0.00	53	5.0	0.4	5.84	18.61
4339.0	0.00	53	5.0	0.4	5.84	18.65
4338.0	0.00	53	5.0	0.4	5.84	18.69
4337.0	0.00	53	5.0	0.4	5.84	18.73
4336.0	0.00	53	5.0	0.4	5.84	18.77
4335.0	0.00	53	5.0	0.4	5.84	18.81
4334.0	0.00	53	5.0	0.4	5.84	18.85
4333.0	0.00	53	5.0	0.4	5.84	18.89
4332.0	0.00	53	5.0	0.4	5.84	18.93
4331.0	0.00	53	5.0	0.4	5.84	18.97
4330.0	0.00	53	5.0	0.4	5.84	19.01
4329.0	0.00	53	5.0	0.4	5.84	19.05
4328.0	0.00	53	5.0	0.4	5.84	19.09
4327.0	0.00	53	5.0	0.4	5.84	19.13
4326.0	0.00	53	5.0	0.4	5.84	19.17
4325.0	0.00	53	5.0	0.4	5.84	19.21
4324.0	0.00	53	5.0	0.4	5.84	19.25
4323.0	0.00	53	5.0	0.4	5.84	19.29
4322.0	0.00	53	5.0	0.4	5.84	19.33
4321.0	0.00	53	5.0	0.4	5.84	19.37
4320.0	0.00	53	5.0	0.4	5.84	19.41
4319.0	0.00	53	5.0	0.4	5.84	19.45
4318.0	0.00	53	5.0	0.4	5.84	19.49
4317.0	0.00	53	5.0	0.4	5.84	19.53
4316.0	0.00	53	5.0	0.4	5.84	19.57
4315.0	0.00	53	5.0	0.4	5.84	19.61
4314.0	0.00	53	5.0	0.4	5.84	19.65
4313.0	0.00	53	5.0	0.4	5.84	19.69
4312.0	0.00	53	5.0	0.4	5.84	19.73
4311.0	0.00	53	5.0	0.4	5.84	19.77
4310.0	0.00	53	5.0	0.4	5.84	19.81
4309.0	0.00	53	5.0	0.4	5.84	19.85
4308.0	0.00	53	5.0	0.4	5.84	19.89
4307.0	0.00	53	5.0	0.4	5.84	19.93
4306.0	0.00	53	5.0	0.4	5.84	19.97
4305.0	0.00	53	5.0	0.4	5.84	20.01
4304.0	0.00	53	5.0	0.4	5.84	20.05
4303.0	0.00	53	5.0	0.4	5.84	20.09
4302.0	0.00	53	5.0	0.4	5.84	20.13
4301.0	0.00	53	5.0	0.4	5.84	20.17
4300.0	0.00	53	5.0	0.4	5.84	20.21
4299.0	0.00	53	5.0	0.4	5.84	20.25
4298.0	0.00	53	5.0	0.4	5.84	20.29
4297.0	0.00	53	5.0	0.4	5.84	20.33
4296.0	0.00	53	5.0	0.4	5.84	20.37
4295.0	0.00	53	5.0	0.4	5.84	20.41
4294.0	0.00	53	5.0	0.4	5.84	20.45
4293.0	0.00	53	5.0	0.4	5.84	20.49
4292.0	0.00	53	5.0	0.4	5.84	20.53
4291.0	0.00	53	5.0	0.4	5.84	20.57
4290.0	0.00	53	5.0	0.4	5.84	20.61
4289.0	0.00	53	5.0	0.4	5.84	20.65
4288.0	0.00	53	5.0	0.4	5.84	20.69
4287.0	0.00	53	5.0	0.4	5.84	20.73
4286.0	0.00	53	5.0	0.4	5.84	20.77
4285.0	0.00	53	5.0	0.4	5.84	20.81
4284.0	0.00	53	5.0	0.4	5.84	20.85
4283.0	0.00	53	5.0	0.4	5.84	20.89
4282.0	0.00	53	5.0	0.4	5.84	20.93
4281.0	0.00	53	5.0	0.4	5.84	20.97
4280.0	0.00	53	5.0	0.4	5.84	21.01
4279.0	0.00	53	5.0	0.4	5.84	21.05
4278.0	0.00	53	5.0	0.4	5.84	21.09
4277.0	0.00	53	5.0	0.4	5.84	21.13
4276.0	0.00	53	5.0	0.4	5.84	21.17
4275.0	0.00	53	5.0	0.4	5.84	21.21
4274.0	0.00	53	5.0	0.4	5.84	21.25
4273.0	0.00	53	5.0	0.4	5.84	21.29
4272.0	0.00	53	5.0	0.4	5.84	21.33
4271.0	0.00	53	5.0	0.4	5.84	21.37
4270.0	0.00	53	5.0	0.4	5.84	21.41
4269.0	0.00	53	5.0	0.4	5.84	21.45
4268.0	0.00	53	5.0	0.4	5.84	21.49
4267.0	0.00	53	5.0	0.4	5.84	21.53
4266.0	0.00	53	5.0	0.4	5.84	21.57
4265.0	0.00	53	5.0	0.4	5.84	21.61
4264.0	0.00	53	5.0	0.4	5.84	21.65
4263.0	0.00	53	5.0	0.4	5.84	21.69
4262.0	0.00	53	5.0	0.4	5.84	21.73
4261.0	0.00	53	5.0	0.4	5.84	21.77
4260.0	0.00	53	5.0	0.4	5.84	21.81
4259.0	0.00	53	5.0	0.4	5.84	21.85
4258.0	0.00	53	5.0	0.4	5.84	21.89
4257.0	0.00	53	5.0	0.4	5.84	21.93
4256.0	0.00	53	5.0	0.4	5.84	21.97
4255.0	0.00	53	5.0	0.4	5.84	22.01
4254.0	0.00	53	5.0	0.4	5.84	22.05
4253.0	0.00	53	5.0	0.4		

DEPTH FEET	PERM. TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. % %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT HC-FT	
4478.0	0.00	92	4.9 0.8	2.84	0	29.78	14.91
4479.0	0.02	82	6.5 0.0	2.88	5	29.73	14.90
4480.0	0.00	81	4.8 0.0	2.85	5	29.67	14.89
4481.0	2.17	13	9.3 1.2	2.80	1	29.61	14.87
4482.0	93.87	9	15.7 3.6	2.78	0	29.51	14.78
4483.0	182.81	8	17.6 5.8	2.79	0	29.34	14.63
4484.0	71.00	9	15.0 4.9	2.78	0	29.17	14.47
4485.0	1.45	13	8.6 2.0	2.80	0	29.03	14.35
4486.0	0.03	30	6.1 0.2	2.83	0	28.96	14.29
4487.0	0.82	29	10.2 0.3	2.88	0	28.89	14.24
4488.0	3.91	26	12.7 0.4	2.88	0	28.77	14.16
4489.0	2.60	31	12.7 0.4	2.85	0	28.65	14.06
4490.0	8.42	34	15.8 2.1	2.86	0	28.52	13.98
4491.0	74.31	29	21.6 7.1	2.85	0	28.35	13.86
4492.0	68.98	29	21.4 7.1	2.89	0	28.13	13.71
4493.0	120.23	25	22.4 7.4	2.89	0	27.91	13.55
4494.0	246.52	17	22.3 7.0	2.86	0	27.69	13.38
4495.0	525.65	10	21.4 7.1	2.89	0	27.47	13.20
4496.0	361.08	10	19.9 6.6	2.92	0	27.26	13.01
4497.0	13.26	13	12.4 2.5	2.84	0	27.07	12.84
4498.0	4.19	9	9.4 2.5	2.84	0	26.96	12.75
4499.0	19.68	22	15.8 4.7	2.93	0	26.86	12.66
4500.0	0.19	41	9.0 0.5	2.89	3	26.71	12.55
4501.0	0.01	61	5.3 1.3	2.82	2	26.65	12.52
4502.0	0.35	48	10.4 2.9	2.87	0	26.58	12.49
4503.0	0.08	59	8.3 0.9	2.85	0	26.48	12.44
4504.0	0.00	90	3.7 0.0	2.82	1	26.41	12.42
4505.0	0.00	98	2.3 0.0	2.82	0	26.37	12.41
4507.0	0.01	64	5.5 0.3	2.85	3	26.33	12.41
4508.0	0.04	62	7.5 0.0	2.86	10	26.26	12.38
4509.0	0.01	75	5.8 0.0	2.83	12	26.19	12.36
4510.0	0.00	100	3.0 0.0	2.83	5	26.14	12.35
4511.0	0.00	39	3.2 0.5	2.82	0	26.11	12.35
4512.0	0.00	50	4.4 1.4	2.80	0	26.08	12.33
4513.0	0.02	48	6.6 0.8	2.80	0	26.03	12.31
4514.0	0.20	43	9.2 0.7	2.78	0	25.96	12.27
4515.0	3.56	30	13.2 1.5	2.77	0	25.86	12.21
4516.0	9.73	33	13.7 0.0	2.78	0	25.72	12.12
4517.0	1.33	41	12.4 0.0	2.80	3	25.59	12.03
4518.0	0.76	46	11.7 0.0	2.81	4	25.47	11.96
4519.0	0.22	51	9.8 0.0	2.85	7	25.35	11.89
4520.0	0.00	99	2.6 0.0	2.83	17	25.27	11.86
4521.0	0.00	100	2.9 0.0	2.88	10	25.24	11.86
4522.0	0.00	99	3.0 0.4	2.86	9	25.21	11.86
4523.0	0.01	64	5.7 1.1	2.85	2	25.18	11.86
4524.0	0.01	66	5.9 1.5	2.86	4	25.12	11.83
4525.0	0.00	100	3.3 0.0	2.83	6	25.07	11.82

DEPTH FEET	PERM TO OIL-GAS (INDEX)	SAT. WATER %	POROSITY TOTAL SEC. %	MATRIX DENSITY G/CMCC	SHAPE VOLUME %	CUMULATIVE INTEGRATIONS BORE-FIT HOCT
4252.0	0.00	100	3.3	2.83	6	52.07
4253.0	0.01	68	2.9	2.86	4	52.15
4254.0	0.01	68	2.7	2.82	5	52.18
4255.0	0.00	68	3.0	2.86	9	52.21
4256.0	0.00	100	3.9	2.88	10	52.24
4257.0	0.00	99	3.6	2.83	17	52.27
4258.0	0.25	21	9.8	2.82	7	52.32
4259.0	0.79	46	11.7	2.81	4	52.47
4260.0	1.33	41	13.4	2.80	3	52.50
4261.0	3.73	37	13.7	2.78	0	52.75
4262.0	3.26	30	13.5	2.77	0	52.86
4263.0	0.50	48	6.6	2.80	0	52.93
4264.0	0.50	48	6.5	2.78	0	52.96
4265.0	0.00	20	4.4	2.80	0	52.98
4266.0	0.00	39	3.5	2.85	0	53.11
4267.0	0.00	100	3.0	2.83	2	53.14
4268.0	0.01	75	2.9	2.83	15	53.26
4269.0	0.00	65	2.2	2.86	10	53.36
4270.0	0.00	64	2.2	2.82	3	53.39
4271.0	0.00	98	5.3	2.85	0	53.41
4272.0	0.00	98	5.3	2.85	0	53.47
4273.0	0.08	29	9.3	2.82	1	53.48
4274.0	0.32	48	10.4	2.87	0	53.49
4275.0	0.01	61	2.3	2.85	0	53.58
4276.0	0.19	41	9.0	2.83	5	53.62
4277.0	19.68	55	12.8	2.93	3	53.71
4278.0	4.19	9	5.2	2.84	0	53.86
4279.0	13.56	13	15.4	2.84	0	53.96
4280.0	361.08	10	19.9	2.95	0	57.07
4281.0	252.62	10	21.4	2.90	0	57.24
4282.0	546.25	17	25.3	2.86	0	57.47
4283.0	150.53	52	25.4	2.89	0	57.61
4284.0	68.98	59	21.4	2.89	0	57.91
4285.0	74.31	59	21.6	2.82	0	58.13
4286.0	8.45	34	12.8	2.86	0	58.25
4287.0	2.60	31	15.7	2.82	0	58.62
4288.0	3.91	56	15.7	2.88	0	58.77
4289.0	0.85	59	10.5	2.88	0	58.89
4290.0	1.44	13	8.6	2.90	0	59.03
4291.0	71.00	9	12.0	2.78	0	59.17
4292.0	185.81	8	17.6	2.79	0	59.34
4293.0	93.87	9	12.7	2.78	0	59.39
4294.0	2.17	13	9.3	2.80	0	59.51
4295.0	0.00	81	4.8	2.82	2	59.67
4296.0	0.05	85	9.2	2.88	2	59.73
4297.0	0.00	92	4.9	2.84	0	59.78

DEPTH FEET	PERM. TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT HC-FT
4526.0	0.02	59	6.7	0.6	2.85	1 25.03 11.82
4527.0	0.16	52	9.3	1.2	2.89	3 24.95 11.78
4528.0	0.00	100	3.4	0.0	2.84	11 24.87 11.75
4529.0	0.00	76	3.1	0.0	2.81	0 24.84 11.75
4530.0	0.00	91	2.3	0.0	2.80	0 24.81 11.74
4531.0	0.00	41	2.4	0.8	2.79	0 24.78 11.74
4532.0	0.00	94	2.1	0.3	2.83	0 24.74 11.72
4533.0	0.02	51	6.6	0.8	2.86	0 24.71 11.71
4534.0	0.00	73	4.8	0.0	2.81	0 24.64 11.67
4535.0	0.00	93	3.7	1.2	2.81	0 24.60 11.66
4536.0	0.00	100	3.0	0.3	2.82	0 24.56 11.66
4537.0	0.00	64	3.4	1.1	2.81	0 24.51 11.65
4538.0	0.00	100	2.5	0.0	2.81	0 24.48 11.65
4539.0	0.00	81	3.6	0.6	2.84	1 24.46 11.65
4540.0	0.00	100	2.5	0.0	2.83	0 24.43 11.64
4541.0	0.00	99	2.3	0.0	2.82	0 24.40 11.64
4542.0	0.00	100	3.3	0.0	2.82	2 24.37 11.64
4543.0	0.00	100	2.5	0.0	2.82	0 24.34 11.64
4544.0	0.00	98	2.0	0.1	2.83	0 24.31 11.64
4545.0	0.00	100	2.2	0.0	2.80	0 24.28 11.64
4546.0	0.01	66	6.2	0.0	2.84	2 24.25 11.64
4547.0	0.00	100	4.2	0.0	2.84	4 24.19 11.62
4548.0	0.00	100	2.7	0.0	2.84	0 24.15 11.62
4549.0	0.00	100	2.6	0.0	2.84	0 24.12 11.62
4550.0	0.00	100	2.4	0.0	2.83	0 24.10 11.62
4551.0	0.00	99	3.4	0.0	2.83	4 24.07 11.62
4552.0	0.00	83	4.9	0.0	2.82	3 24.03 11.62
4553.0	0.00	100	3.6	0.6	2.87	5 23.98 11.61
4554.0	0.00	30	2.7	0.6	2.82	0 23.91 11.61
4555.0	0.31	8	6.1	2.0	2.81	0 23.87 11.58
4556.0	0.31	9	6.1	2.0	2.83	0 23.81 11.53
4557.0	0.00	20	3.7	0.9	2.83	0 23.76 11.48
4558.0	0.00	46	2.1	0.4	2.81	0 23.72 11.45
4559.0	0.00	30	2.7	0.4	2.79	0 23.69 11.44
4560.0	0.00	27	3.0	0.1	2.78	0 23.67 11.42
4561.0	0.33	23	8.1	1.0	2.83	1 23.62 11.39
4562.0	21.34	18	15.2	5.0	2.87	0 23.52 11.31
4563.0	8.69	26	14.6	4.8	2.87	0 23.37 11.19
4564.0	3.71	31	13.5	4.5	2.86	0 23.23 11.08
4565.0	0.32	45	10.1	3.3	2.82	0 23.10 11.00
4566.0	0.22	42	9.2	3.0	2.81	0 23.00 10.95
4567.0	0.29	36	9.2	3.0	2.83	0 22.91 10.90

DEPTH FEET	WIL-GAS (INDEX)	SAT. #	POROSITY TOTAL SEC. #	DENSITY GRAVCC	SHALE VOLUME %	BORE-HOLE INTEGRATIONS BORE-HOLE	COMPUTED INTEGRATIONS BORE-HOLE
4228.0	0.52	36	2.5	3.83	0	0	53.91
4227.0	0.55	45	2.5	3.81	0	0	53.00
4226.0	0.35	42	10.1	3.85	0	0	53.10
4225.0	3.71	31	13.2	3.86	0	0	53.53
4224.0	8.66	56	14.6	3.87	0	0	53.37
4223.0	51.34	18	12.5	3.87	0	0	53.25
4222.0	0.33	53	8.1	3.83	1	1	53.65
4221.0	0.00	57	3.0	3.78	0	0	53.67
4220.0	0.00	30	5.7	3.84	0	0	53.75
4219.0	0.00	30	5.7	3.79	0	0	53.69
4218.0	0.00	30	5.7	3.79	0	0	53.69
4217.0	0.00	50	3.7	3.83	0	0	53.76
4216.0	0.00	50	3.7	3.83	0	0	53.76
4215.0	0.31	9	6.1	3.83	0	0	53.81
4214.0	0.31	9	6.1	3.83	0	0	53.81
4213.0	0.00	8	6.1	3.81	0	0	53.87
4212.0	0.00	30	5.7	3.85	0	0	53.91
4211.0	0.00	46	5.1	3.81	0	0	53.75
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00	30	5.7	3.79	0	0	53.69
4210.0	0.00						

DEPTH FEET	PERM. TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR=FT HC=FT
4579.0	0.24	42	9.4	3.1	2.85	0 22.82 10.84
4580.0	0.00	72	4.5	1.0	2.82	0 22.73 10.79
4581.0	0.00	50	2.9	0.1	2.82	0 22.69 10.78
4582.0	0.12	24	7.0	0.0	2.80	0 22.65 10.75
4583.0	4.20	22	12.3	0.4	2.84	0 22.57 10.69
4584.0	39.75	20	17.3	4.0	2.87	0 22.43 10.58
4585.0	86.12	20	19.6	6.1	2.88	0 22.25 10.44
4586.0	19.35	24	16.3	5.1	2.86	0 22.06 10.29
4587.0	2.81	31	12.8	2.8	2.85	0 21.91 10.18
4588.0	3.89	37	14.4	3.3	2.88	0 21.77 10.08
4589.0	2.69	42	14.0	1.8	2.88	0 21.63 10.00
4590.0	7.15	33	15.3	2.0	2.87	0 21.48 9.91
4591.0	66.92	24	20.1	5.5	2.87	0 21.32 9.79
4592.0	60.34	25	19.9	6.6	2.88	0 21.11 9.64
4593.0	40.94	25	18.6	6.1	2.86	0 20.92 9.49
4594.0	59.13	23	19.2	6.1	2.86	0 20.73 9.35
4595.0	31.17	24	17.6	5.8	2.86	0 20.54 9.21
4596.0	2.88	28	12.4	4.1	2.86	0 20.38 9.08
4597.0	0.78	25	9.7	3.2	2.87	0 20.26 9.00
4598.0	0.08	27	6.8	0.9	2.87	0 20.17 8.93
4599.0	0.04	27	6.1	0.2	2.89	0 20.10 8.88
4600.0	0.10	21	6.5	0.9	2.88	0 20.04 8.84
4601.0	0.06	18	5.6	1.3	2.83	0 19.98 8.79
4602.0	0.02	16	4.4	1.4	2.83	0 19.93 8.75
4603.0	0.00	23	3.9	1.3	2.81	0 19.89 8.71
4604.0	0.00	26	3.7	1.2	2.82	0 19.85 8.68
4605.0	0.01	25	4.3	1.3	2.83	0 19.81 8.65
4606.0	0.01	26	4.6	1.5	2.83	0 19.76 8.62
4607.0	0.00	27	4.1	1.4	2.80	0 19.72 8.59
4608.0	0.01	26	4.4	1.4	2.81	0 19.68 8.56
4609.0	0.01	30	5.2	1.7	2.80	0 19.63 8.53
4610.0	0.01	38	4.8	0.7	2.82	0 19.58 8.49
4611.0	0.00	39	3.7	0.3	2.82	0 19.53 8.46
4612.0	0.00	36	2.7	0.9	2.81	0 19.50 8.44
4613.0	0.00	24	2.9	0.9	2.83	0 19.47 8.42
4614.0	0.00	25	2.4	0.8	2.81	0 19.44 8.40
4615.0	0.00	31	2.7	0.9	2.83	0 19.42 8.38
4616.0	0.09	18	6.1	2.0	2.84	0 19.38 8.36
4617.0	0.05	24	6.0	0.9	2.81	0 19.32 8.31
4618.0	0.00	57	2.4	0.0	2.79	0 19.27 8.27
4622.0	0.00	38	2.6	0.1	2.84	0 19.20 8.26
4625.0	0.00	21	2.8	0.4	2.83	0 19.16 8.23
4626.0	0.02	15	4.2	0.6	2.84	0 19.12 8.21
4627.0	0.00	25	2.9	0.0	2.82	0 19.08 8.17
4628.0	0.00	29	1.9	0.0	2.85	0 19.06 8.15
4635.0	0.00	26	4.0	0.8	2.81	0 18.99 8.12

DEPTH FEET	PERM. TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	MATRIX DENSITY G/CM3	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POT-FT HC-FT
4270.0	0.24	45	9.4	3.1	0	55.85
4280.0	0.00	75	4.2	1.0	0	55.73
4281.0	0.00	20	5.9	0.1	0	55.69
4282.0	0.15	24	7.0	0.0	0	55.62
4283.0	4.20	25	12.3	0.4	0	55.27
4284.0	39.72	20	17.3	4.0	0	55.43
4285.0	86.15	20	19.6	6.1	0	55.22
4286.0	19.32	24	16.3	2.1	0	55.06
4287.0	5.81	31	15.8	3.8	0	51.91
4288.0	3.89	37	14.4	3.3	0	51.77
4289.0	5.69	45	14.0	1.8	0	51.63
4290.0	7.12	33	12.3	5.0	0	51.48
4291.0	66.92	24	20.1	2.2	0	51.35
4292.0	60.34	22	19.9	6.6	0	51.11
4293.0	40.94	22	18.6	6.1	0	50.95
4294.0	29.13	23	19.2	6.1	0	50.73
4295.0	31.17	24	17.6	2.8	0	50.24
4296.0	5.88	28	15.4	4.1	0	50.38
4297.0	0.78	22	9.7	3.2	0	50.26
4298.0	0.08	27	6.8	0.9	0	50.17
4299.0	0.04	27	6.1	0.2	0	50.10
4300.0	0.10	21	6.2	0.9	0	50.04
4301.0	0.06	18	2.6	1.3	0	19.99
4302.0	0.02	16	4.4	1.4	0	19.93
4303.0	0.00	23	3.2	1.3	0	19.89
4304.0	0.00	26	3.7	1.2	0	19.82
4305.0	0.01	22	4.3	1.3	0	19.41
4306.0	0.01	26	4.6	1.2	0	19.76
4307.0	0.00	27	4.1	1.4	0	19.75
4308.0	0.01	26	4.4	1.4	0	19.68
4309.0	0.01	30	2.2	1.7	0	19.43
4310.0	0.01	38	4.8	0.7	0	19.28
4311.0	0.00	36	3.7	0.3	0	19.23
4312.0	0.00	36	5.7	0.9	0	19.20
4313.0	0.00	24	5.9	0.9	0	19.47
4314.0	0.00	22	5.4	0.8	0	19.44
4315.0	0.00	31	5.7	0.9	0	19.45
4316.0	0.09	18	6.1	2.0	0	19.38
4317.0	0.02	24	6.0	0.9	0	19.35
4318.0	0.00	27	5.4	0.0	0	19.27
4320.0	0.00	38	5.6	0.1	0	19.20
4322.0	0.00	21	5.8	0.4	0	19.16
4323.0	0.02	12	4.2	0.6	0	19.15
4324.0	0.00	22	5.9	0.0	0	19.08
4325.0	0.00	26	1.9	0.0	0	19.06
4327.0	0.00	24	4.0	0.8	0	18.99

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR=FT HC=FT
4636.0	0.29	18	7.3	2.4	2.82	0 18.94 8.09
4637.0	0.09	18	6.1	1.5	2.83	0 18.86 8.03
4638.0	0.00	24	3.4	0.0	2.83	0 18.81 7.99
4639.0	0.06	16	5.4	1.7	2.85	0 18.78 7.96
4640.0	0.04	17	5.1	0.5	2.83	0 18.72 7.91
4641.0	0.06	19	5.8	0.2	2.82	0 18.67 7.87
4642.0	0.09	24	6.6	0.0	2.86	0 18.61 7.82
4643.0	0.09	22	6.5	0.0	2.88	0 18.54 7.77
4644.0	0.14	22	6.9	0.0	2.85	0 18.48 7.72
4645.0	0.54	21	8.6	1.1	2.88	0 18.40 7.66
4646.0	1.32	16	9.0	3.0	2.88	0 18.31 7.59
4647.0	0.71	13	7.7	2.6	2.85	0 18.23 7.52
4648.0	3.89	13	10.1	3.3	2.84	0 18.15 7.45
4649.0	5.71	13	10.9	3.6	2.88	0 18.04 7.36
4650.0	0.19	18	6.9	1.5	2.88	0 17.94 7.27
4651.0	0.01	20	3.9	0.5	2.86	0 17.88 7.22
4652.0	0.02	31	5.7	1.1	2.85	0 17.84 7.19
4653.0	0.28	36	9.2	2.7	2.85	0 17.78 7.15
4654.0	0.31	43	9.9	3.2	2.85	0 17.68 7.09
4655.0	0.10	56	8.6	2.8	2.86	0 17.59 7.04
4656.0	0.14	61	9.0	3.0	2.85	0 17.50 7.01
4657.0	0.18	54	9.4	3.1	2.86	0 17.41 6.97
4658.0	0.01	56	5.6	1.9	2.84	0 17.32 6.93
4659.0	0.00	62	3.5	1.0	2.82	0 17.27 6.91
4660.0	0.03	60	7.0	2.0	2.82	0 17.24 6.90
4661.0	1.38	66	13.3	4.4	2.88	0 17.15 6.87
4662.0	2.84	74	15.0	4.9	2.87	0 17.01 6.83
4663.0	5.40	64	16.7	5.5	2.86	0 16.86 6.78
4664.0	2.84	68	15.0	4.9	2.86	0 16.69 6.72
4665.0	2.38	65	14.6	4.8	2.87	0 16.54 6.67
4666.0	0.84	68	12.2	4.0	2.87	0 16.40 6.63
4667.0	0.34	80	10.5	3.5	2.87	0 16.29 6.59
4668.0	0.04	97	7.3	1.4	2.83	0 16.18 6.57
4669.0	0.80	57	4.9	0.4	2.82	0 16.12 6.57
4670.0	0.89	33	7.4	2.3	2.83	0 16.07 6.54
4671.0	0.14	49	9.0	3.0	2.84	0 15.99 6.49
4672.0	0.35	46	10.3	3.4	2.83	0 15.89 6.44
4673.0	1.08	35	11.4	3.8	2.82	0 15.79 6.38
4674.0	0.68	37	10.7	3.5	2.87	0 15.68 6.31
4675.0	0.24	40	9.2	3.0	2.88	0 15.58 6.25
4676.0	0.68	31	10.1	3.3	2.87	0 15.48 6.19
4677.0	4.25	23	12.4	3.3	2.87	0 15.38 6.12
4678.0	6.54	26	13.9	4.1	2.88	0 15.25 6.02
4679.0	5.67	30	14.2	3.9	2.86	0 15.11 5.92
4680.0	5.08	35	14.8	4.9	2.83	0 14.96 5.82
4681.0	10.47	35	16.7	5.5	2.85	0 14.81 5.72
4682.0	14.45	41	18.4	5.9	2.88	0 14.64 5.61
4683.0	1.13	69	12.9	3.0	2.87	0 14.46 5.51

FEET	DEPTH FROM TO (INDEX)	WATER SAT. #	POROSITY TOTAL SEC. #	DENSITY MATRIX G/CC	SHAPE VOLUME #	CUMULATIVE FOR-FT HC-FT
4683.0	1.13	69	15.9	2.87	0	14.44
4685.0	14.42	41	18.4	2.88	0	14.64
4686.0	10.47	32	16.7	2.82	0	14.81
4688.0	2.08	32	14.8	2.83	0	14.96
4690.0	2.67	30	14.5	2.86	0	15.11
4692.0	6.24	26	13.9	2.88	0	15.25
4693.0	4.52	23	12.4	2.87	0	15.38
4695.0	0.68	31	10.1	2.87	0	15.48
4697.0	0.54	40	9.5	2.88	0	15.58
4698.0	10.7	37	10.7	2.87	0	15.68
4699.0	1.08	32	11.4	2.85	0	15.79
4700.0	0.32	46	10.3	2.83	0	15.89
4701.0	0.14	49	9.0	2.84	0	15.99
4702.0	0.09	33	7.4	2.83	0	16.07
4703.0	0.00	27	4.9	2.85	0	16.15
4704.0	0.04	27	7.3	2.83	0	16.18
4705.0	0.34	80	10.2	2.87	0	16.23
4706.0	0.68	68	12.5	2.87	0	16.40
4707.0	5.38	62	14.6	2.87	0	16.54
4708.0	2.84	68	12.5	2.87	0	16.60
4709.0	2.44	64	12.0	2.86	0	16.66
4710.0	2.84	74	12.0	2.87	0	16.81
4711.0	1.38	66	13.3	2.86	0	16.91
4712.0	0.03	60	7.0	2.85	0	17.04
4713.0	0.00	65	3.2	2.85	0	17.27
4714.0	0.01	26	2.6	2.84	0	17.35
4715.0	0.18	24	4.4	2.86	0	17.41
4716.0	0.14	61	4.0	2.82	0	17.56
4717.0	0.10	26	5.8	2.86	0	17.59
4718.0	0.31	43	9.9	2.86	0	17.69
4719.0	0.58	36	2.7	2.82	0	17.78
4720.0	0.05	31	2.7	2.82	0	17.84
4721.0	0.00	50	3.9	2.86	0	17.88
4722.0	0.19	18	6.9	2.88	0	17.94
4723.0	2.71	13	10.9	2.88	0	18.04
4724.0	3.89	13	10.1	2.84	0	18.12
4725.0	0.71	13	7.7	2.82	0	18.23
4726.0	1.35	16	9.0	2.86	0	18.31
4727.0	0.24	51	6.6	2.86	0	18.40
4728.0	0.14	55	6.9	2.82	0	18.48
4729.0	0.09	55	6.2	2.86	0	18.54
4730.0	0.09	54	6.6	2.86	0	18.61
4731.0	0.06	19	2.8	2.85	0	18.67
4732.0	0.04	17	2.1	2.83	0	18.75
4733.0	0.06	16	2.4	2.82	0	18.78
4734.0	0.00	54	3.4	2.83	0	18.81
4735.0	0.00	18	2.1	2.83	0	18.86
4736.0	0.59	16	5.4	2.85	0	18.94

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT HC-FT
4684.0	0.35	63	10.6	1.4	2.86	0 14.34 5.48
4685.0	1.23	57	13.0	1.7	2.85	0 14.23 5.43
4686.0	6.75	53	17.3	5.7	2.89	0 14.09 5.37
4687.0	9.69	53	18.4	5.5	2.88	0 13.91 5.29
4688.0	6.30	59	17.1	5.6	2.91	0 13.73 5.20
4689.0	1.02	72	12.6	4.2	2.86	0 13.57 5.14
4690.0	0.27	73	10.1	3.3	2.82	0 13.45 5.11
4691.0	0.06	47	7.7	2.6	2.84	0 13.36 5.09
4692.0	0.04	36	6.6	2.0	2.87	0 13.29 5.04
4693.0	0.01	36	4.9	0.9	2.85	0 13.23 5.01
4694.0	0.00	34	3.7	0.7	2.82	0 13.18 4.98
4695.0	0.00	35	2.8	0.3	2.83	0 13.15 4.95
4696.0	0.80	38	2.4	0.0	2.82	0 13.12 4.94
4697.0	0.01	44	5.3	0.8	2.83	0 13.09 4.92
4698.0	0.23	35	8.8	2.7	2.83	0 13.03 4.88
4699.0	2.15	32	12.4	4.1	2.81	0 12.93 4.82
4700.0	9.91	35	16.5	5.4	2.87	0 12.80 4.73
4701.0	26.67	45	21.1	7.0	2.87	0 12.63 4.62
4702.0	51.92	51	24.3	8.0	2.92	0 12.41 4.51
4703.0	43.97	60	23.7	7.8	2.91	0 12.16 4.40
4704.0	33.37	64	22.6	7.5	2.88	0 11.93 4.31
4705.0	22.34	68	21.1	7.0	2.87	0 11.70 4.23
4706.0	16.39	73	20.1	6.6	2.88	0 11.49 4.17
4707.0	5.40	87	16.7	5.5	2.86	0 11.30 4.12
4708.0	1.65	84	13.7	4.5	2.85	0 11.14 4.10
4709.0	0.43	70	10.9	3.6	2.85	0 11.01 4.08
4710.0	0.30	53	10.3	3.4	2.86	0 10.90 4.04
4711.0	0.27	51	10.1	3.3	2.88	0 10.80 3.99
4712.0	0.34	49	10.5	3.5	2.88	0 10.70 3.94
4713.0	0.21	49	9.7	3.2	2.87	0 10.60 3.89
4714.0	0.08	47	8.2	2.7	2.86	0 10.50 3.84
4715.0	0.03	45	6.9	2.2	2.82	0 10.42 3.80
4716.0	0.00	97	3.6	0.1	2.83	0 10.36 3.77
4717.0	0.00	100	2.6	0.0	2.83	0 10.33 3.77
4718.0	0.00	92	2.6	0.3	2.81	0 10.30 3.77
4719.0	0.00	52	3.9	1.3	2.81	0 10.27 3.76
4720.0	0.13	34	8.0	2.6	2.85	0 10.23 3.74
4721.0	0.12	43	8.4	2.8	2.86	0 10.14 3.68
4722.0	0.08	47	8.2	2.7	2.84	0 10.06 3.64
4723.0	0.03	56	7.1	2.3	2.83	0 9.98 3.60
4724.0	0.05	51	7.7	2.6	2.84	0 9.91 3.57
4725.0	0.10	51	8.6	2.6	2.84	0 9.83 3.53
4726.0	0.12	55	8.8	2.6	2.83	0 9.74 3.49
4727.0	0.13	56	9.0	2.1	2.83	0 9.65 3.45
4728.0	0.12	62	8.9	2.3	2.85	0 9.56 3.41
4729.0	0.27	56	10.1	3.3	2.86	0 9.47 3.37
4730.0	0.84	62	12.2	4.0	2.87	0 9.36 3.33
4731.0	0.40	73	10.8	2.5	2.85	0 9.24 3.28

FEET	DEPTH	GRAB TO	WATER	POSSIBLY	MATRIX	SHAPE	CUMULATIVE
(INDEX)	FEET	GRAB TO	WATER	POSSIBLY	MATRIX	SHAPE	CUMULATIVE
4684.0	0.35	63	10.6	1.4	5.86	0	2.48
4685.0	1.33	27	13.0	1.7	5.86	0	2.43
4686.0	6.75	23	17.3	2.7	5.86	0	2.37
4687.0	6.69	23	18.4	2.2	5.86	0	2.32
4688.0	6.36	29	17.1	2.6	5.86	0	2.30
4689.0	1.02	75	12.6	4.2	5.86	0	2.14
4690.0	0.27	73	10.1	3.3	5.83	0	2.11
4691.0	0.06	47	7.7	2.6	5.84	0	2.09
4692.0	0.04	36	6.6	2.0	5.87	0	2.04
4693.0	0.01	36	4.9	0.9	5.86	0	2.01
4694.0	0.00	34	3.7	0.7	5.85	0	1.96
4695.0	0.00	32	2.8	0.3	5.83	0	1.92
4696.0	0.00	38	2.4	0.0	5.85	0	1.90
4697.0	0.01	44	2.3	0.8	5.83	0	1.88
4698.0	0.23	32	8.8	2.7	5.83	0	1.86
4699.0	2.12	32	12.4	4.1	5.81	0	1.83
4700.0	2.91	32	16.2	2.4	5.87	0	1.73
4701.0	26.67	42	21.1	7.0	5.87	0	1.65
4702.0	21.92	21	24.3	8.0	5.92	0	1.58
4703.0	43.27	60	23.7	7.8	5.91	0	1.44
4704.0	33.37	64	22.6	7.9	5.88	0	1.31
4705.0	22.34	68	21.1	7.0	5.87	0	1.23
4706.0	16.39	73	20.1	6.6	5.88	0	1.17
4707.0	2.40	87	16.7	2.2	5.86	0	1.12
4708.0	1.64	84	13.7	4.2	5.82	0	1.10
4709.0	0.43	70	10.9	3.6	5.82	0	1.08
4710.0	0.30	63	10.3	3.4	5.86	0	1.04
4711.0	0.27	21	10.1	3.3	5.88	0	1.00
4712.0	0.34	49	10.2	3.2	5.88	0	0.99
4713.0	0.21	49	9.7	3.2	5.87	0	0.98
4714.0	0.08	47	8.2	2.7	5.86	0	0.98
4715.0	0.03	42	6.6	2.2	5.85	0	0.98
4716.0	0.00	97	3.6	0.1	5.83	0	0.77
4717.0	0.00	100	2.6	0.0	5.83	0	0.77
4718.0	0.00	92	2.6	0.3	5.81	0	0.77
4719.0	0.00	22	3.6	1.3	5.81	0	0.76
4720.0	0.13	34	4.4	2.6	5.82	0	0.74
4721.0	0.12	43	4.4	2.8	5.86	0	0.68
4722.0	0.08	47	8.2	2.7	5.84	0	0.64
4723.0	0.03	26	7.1	2.3	5.83	0	0.60
4724.0	0.02	21	7.7	2.6	5.84	0	0.57
4725.0	0.10	21	6.6	2.6	5.84	0	0.53
4726.0	0.12	22	8.8	2.6	5.83	0	0.49
4727.0	0.12	26	9.9	2.3	5.82	0	0.47
4728.0	0.27	26	10.1	3.3	5.86	0	0.37
4729.0	0.84	62	12.2	4.0	5.87	0	0.33
4730.0	0.40	73	10.8	2.2	5.82	0	0.28

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT HC-FT		
4732.0	0.08	99	8.3	0.3	2.84	0	9.14	3.26
4733.0	0.02	100	6.6	0.0	2.85	0	9.06	3.26
4734.0	0.01	100	5.9	0.0	2.85	0	9.00	3.26
4735.0	0.02	100	6.8	0.9	2.86	0	8.94	3.26
4736.0	0.14	95	9.0	3.0	2.87	0	8.86	3.26
4737.0	0.07	79	8.2	2.7	2.88	0	8.78	3.25
4738.0	0.02	85	6.5	2.0	2.84	0	8.70	3.23
4739.0	0.01	77	5.5	1.4	2.82	0	8.64	3.23
4740.0	0.01	78	6.1	2.0	2.80	0	8.58	3.21
4741.0	0.01	100	5.9	1.9	2.84	0	8.52	3.20
4742.0	0.10	99	8.6	2.8	2.86	0	8.46	3.20
4743.0	0.54	72	11.4	3.8	2.86	0	8.36	3.20
4744.0	0.68	59	11.8	3.9	2.85	0	8.25	3.16
4745.0	1.24	58	13.1	4.3	2.89	0	8.12	3.11
4746.0	0.49	65	11.2	3.7	2.89	0	8.00	3.06
4747.0	0.04	73	7.2	1.2	2.83	0	7.89	3.02
4748.0	0.02	48	6.4	2.0	2.83	0	7.82	3.00
4749.0	0.04	43	7.1	2.3	2.85	0	7.76	2.97
4750.0	0.07	48	8.0	2.6	2.86	0	7.69	2.93
4751.0	0.20	50	9.7	3.2	2.87	0	7.60	2.88
4752.0	0.16	54	9.2	3.0	2.86	0	7.50	2.84
4753.0	0.10	55	8.6	2.8	2.84	0	7.41	2.80
4754.0	0.02	64	6.3	1.3	2.80	0	7.33	2.76
4755.0	0.00	100	3.0	0.0	2.82	0	7.28	2.75
4756.0	0.00	77	4.1	0.2	2.82	0	7.25	2.75
4757.0	0.02	57	6.5	2.1	2.84	0	7.20	2.73
4758.0	0.03	66	7.1	2.3	2.86	0	7.13	2.70
4759.0	0.06	70	7.8	2.2	2.84	0	7.06	2.68
4760.0	0.61	65	11.6	3.0	2.83	0	6.97	2.65
4761.0	2.93	49	15.0	4.9	2.86	0	6.84	2.60
4762.0	1.13	93	12.9	4.2	2.83	0	6.70	2.53
4763.0	1.24	50	13.1	4.3	2.83	0	6.57	2.47
4764.0	1.39	47	13.1	4.3	2.84	0	6.44	2.40
4765.0	1.04	44	12.2	4.0	2.85	0	6.31	2.33
4766.0	0.80	45	11.8	3.9	2.84	0	6.18	2.26
4767.0	0.38	47	10.5	3.5	2.81	0	6.07	2.20
4768.0	0.06	59	8.0	1.0	2.82	0	5.97	2.15
4769.0	0.02	71	6.5	0.2	2.82	0	5.90	2.12
4770.0	0.04	56	7.5	1.0	2. 2.85	0	5.66	2.00
4773.0	0.39	29	9.0	3.0	2.86	0	5.57	1.94
4774.0	0.15	33	8.0	2.6	2.85	0	5.48	1.88
4775.0	0.01	56	5.3	0.4	2.84	0	5.41	1.83
4776.0	0.03	45	6.9	1.9	2.86	0	5.35	1.81
4777.0	0.12	34	7.8	1.7	2.87	0	5.28	1.76
4778.0	0.00	73	3.0	0.0	2.85	0	5.21	1.72
4781.0	0.02	34	5.6	1.2	2.84	0	5.15	1.71

DEPTH FEET	DEPTH PERCENT TO OIL-242 (INDEX)	DATE SAT. #	POROSITY TOTAL SEC. #	DENSITY MATRIX G/CMCC	SHAPE VOLUME #	CUMULATIVE INTEGRATIONS PDR-FT HC-FT
4732.0	0.00	99	8.3	2.84	0	2.14
4733.0	0.00	100	6.6	2.82	0	2.06
4734.0	0.01	100	2.9	2.82	0	2.00
4735.0	0.00	100	6.8	2.86	0	2.94
4736.0	0.14	92	9.0	2.87	0	8.86
4737.0	0.00	79	8.2	2.88	0	8.78
4738.0	0.00	82	6.2	2.84	0	8.70
4739.0	0.01	77	2.2	2.82	0	8.64
4740.0	0.01	78	6.1	2.80	0	8.58
4741.0	0.01	100	2.9	2.84	0	8.52
4742.0	0.10	99	8.6	2.86	0	8.46
4743.0	0.24	72	11.4	2.86	0	8.36
4744.0	0.68	59	11.8	2.82	0	8.22
4745.0	1.24	28	13.1	2.89	0	8.12
4746.0	0.49	62	11.2	2.89	0	8.00
4747.0	0.04	73	7.2	2.83	0	7.89
4748.0	0.00	48	6.4	2.83	0	7.82
4749.0	0.04	43	7.1	2.82	0	7.76
4750.0	0.00	48	8.0	2.86	0	7.69
4751.0	0.20	80	9.7	2.87	0	7.60
4752.0	0.16	24	9.2	2.86	0	7.50
4753.0	0.10	22	8.6	2.84	0	7.41
4754.0	0.00	44	6.3	2.80	0	7.33
4755.0	0.00	100	3.0	2.82	0	7.29
4756.0	0.00	77	4.1	2.82	0	7.22
4757.0	0.00	27	6.2	2.84	0	7.20
4758.0	0.00	66	7.1	2.86	0	7.13
4759.0	0.00	70	7.8	2.84	0	7.06
4760.0	0.61	62	11.6	2.83	0	6.97
4761.0	2.93	49	12.0	2.86	0	6.84
4762.0	1.13	23	12.9	2.83	0	6.70
4763.0	1.24	20	13.1	2.83	0	6.57
4764.0	1.39	47	13.1	2.84	0	6.44
4765.0	1.04	44	12.2	2.82	0	6.31
4766.0	0.80	42	11.8	2.84	0	6.18
4767.0	0.36	47	10.2	2.81	0	6.07
4768.0	0.00	29	8.0	2.82	0	5.97
4769.0	0.00	71	6.2	2.82	0	5.90
4770.0	0.04	26	7.2	2.8	0	5.86
4771.0	0.39	29	9.0	2.86	0	5.27
4772.0	0.12	33	8.0	2.82	0	5.48
4773.0	0.01	26	2.3	2.84	0	5.41
4774.0	0.00	42	6.9	2.86	0	5.32
4775.0	0.12	34	7.8	2.87	0	5.28
4776.0	0.00	73	3.0	2.82	0	5.21
4781.0	0.00	34	2.6	2.84	0	2.12

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT HC-FT		
4782.0	0.01	41	5.7	1.3	2.84	0	5.09	1.67
4783.0	0.01	47	5.3	1.2	2.85	0	5.04	1.64
4784.0	0.02	40	6.2	2.1	2.83	0	4.98	1.61
4785.0	0.03	43	6.5	2.1	2.83	0	4.92	1.57
4786.0	0.05	38	6.9	2.3	2.80	0	4.85	1.53
4787.0	0.00	50	4.2	0.7	2.79	0	4.79	1.49
4788.0	0.00	76	2.5	0.0	2.80	0	4.75	1.48
4789.0	0.00	69	2.7	0.0	2.82	0	4.73	1.47
4790.0	0.01	49	5.7	1.2	2.84	0	4.69	1.46
4791.0	0.02	55	6.6	1.5	2.85	0	4.63	1.42
4792.0	0.00	84	5.1	0.2	2.85	0	4.57	1.40
4793.0	0.00	88	5.2	0.2	2.85	0	4.52	1.39
4794.0	0.04	61	7.3	1.1	2.82	0	4.46	1.38
4795.0	0.01	99	5.5	0.0	2.82	0	4.39	1.36
4796.0	0.02	73	6.7	1.4	2.83	0	4.33	1.35
4797.0	0.02	60	6.5	2.1	2.83	0	4.26	1.33
4798.0	0.01	54	5.9	1.4	2.83	0	4.20	1.31
4799.0	0.05	39	7.0	1.8	2.83	0	4.14	1.28
4800.0	0.05	38	7.1	2.3	2.81	0	4.07	1.23
4801.0	0.02	41	6.2	2.1	2.82	0	4.00	1.19
4802.0	0.00	67	3.9	0.0	2.84	0	3.94	1.16
4803.0	0.00	66	4.9	0.0	2.83	0	3.90	1.15
4804.0	0.05	46	7.4	1.4	2.82	0	3.85	1.13
4805.0	0.03	48	6.9	0.6	2.81	0	3.77	1.08
4806.0	0.02	45	6.1	0.5	2.82	0	3.70	1.05
4807.0	0.04	33	6.5	2.1	2.82	0	3.64	1.01
4808.0	0.38	27	8.8	2.9	2.81	0	3.57	0.97
4809.0	0.05	34	6.8	0.3	2.82	0	3.49	0.91
4810.0	0.00	43	4.0	0.0	2.82	0	3.43	0.87
4811.0	0.00	40	3.4	0.5	2.81	0	3.39	0.85
4812.0	0.00	36	3.7	1.2	2.80	0	3.36	0.83
4813.0	0.00	39	3.4	1.0	2.81	0	3.32	0.81
4814.0	0.00	41	2.8	0.6	2.81	0	3.29	0.79
4826.0	0.00	67	2.4	0.7	2.82	1	3.15	0.77
4827.0	0.01	41	5.0	1.6	2.81	0	3.12	0.75
4828.0	0.01	57	5.4	1.8	2.81	0	3.07	0.72
4829.0	0.01	69	5.4	1.8	2.82	0	3.02	0.70
4830.0	0.06	49	7.9	2.4	2.80	0	2.96	0.69
4831.0	0.25	47	9.8	3.1	2.81	0	2.88	0.64
4832.0	0.34	52	10.5	3.5	2.81	0	2.78	0.59
4833.0	0.19	64	9.5	2.2	2.85	0	2.67	0.55
4834.0	0.17	66	9.4	2.2	2.86	0	2.58	0.51
4835.0	0.30	58	10.3	3.4	2.82	0	2.49	0.49
4836.0	0.23	62	9.9	3.3	2.83	0	2.39	0.45
4837.0	0.18	63	9.4	3.1	2.82	0	2.29	0.41
4838.0	0.60	52	11.6	3.8	2.83	0	2.19	0.37
4839.0	0.30	65	10.3	3.4	2.82	0	2.08	0.32

DEPTH FEET	DEPTH M-FM TO GIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. %	MATRIX DENSITY G/CM3	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT MC-FT
4785.0	0.00	41	2.7	2.84	0	2.09
4783.0	0.01	47	2.3	2.82	0	2.04
4784.0	0.02	40	2.2	2.83	0	4.98
4782.0	0.03	43	2.2	2.83	0	4.92
4786.0	0.02	38	2.9	2.80	0	4.82
4787.0	0.00	20	4.2	2.79	0	4.73
4788.0	0.00	76	2.2	2.80	0	4.72
4789.0	0.00	69	2.7	2.82	0	4.73
4790.0	0.01	42	2.7	2.84	0	4.69
4791.0	0.02	22	6.6	2.82	0	4.63
4792.0	0.00	84	2.1	2.82	0	4.27
4793.0	0.00	88	2.2	2.82	0	4.22
4794.0	0.04	61	7.3	2.82	0	4.46
4792.0	0.01	99	2.2	2.82	0	4.39
4796.0	0.02	73	6.7	2.83	0	4.33
4797.0	0.02	60	6.2	2.83	0	4.26
4798.0	0.01	24	2.9	2.83	0	4.20
4799.0	0.02	39	7.0	2.83	0	4.14
4800.0	0.02	38	7.1	2.81	0	4.07
4801.0	0.02	41	6.2	2.82	0	4.00
4802.0	0.00	67	3.9	2.84	0	3.94
4803.0	0.00	66	4.4	2.83	0	3.90
4804.0	0.02	46	7.4	2.82	0	3.82
4802.0	0.03	48	6.9	2.81	0	3.77
4806.0	0.02	42	6.1	2.82	0	3.70
4807.0	0.04	33	6.2	2.82	0	3.64
4808.0	0.38	27	8.8	2.81	0	3.27
4809.0	0.02	34	6.6	2.82	0	3.44
4810.0	0.00	43	4.0	2.82	0	3.43
4811.0	0.00	40	3.4	2.81	0	3.39
4812.0	0.00	36	3.7	2.80	0	3.36
4813.0	0.00	39	3.4	2.81	0	3.32
4814.0	0.00	41	2.8	2.81	0	3.29
4826.0	0.00	67	2.4	2.82	1	3.12
4827.0	0.01	41	2.0	2.81	0	3.12
4828.0	0.01	27	2.4	2.81	0	3.07
4829.0	0.01	69	2.4	2.82	0	3.02
4830.0	0.00	49	7.9	2.80	0	2.99
4831.0	0.22	47	9.8	2.81	0	2.88
4832.0	0.34	22	10.2	2.81	0	2.78
4833.0	0.19	64	2.2	2.82	0	2.67
4834.0	0.17	66	2.2	2.86	0	2.28
4836.0	0.30	28	10.3	2.82	0	2.49
4838.0	0.23	62	9.9	2.83	0	2.39
4837.0	0.18	63	9.4	2.82	0	2.29
4838.0	0.20	22	11.6	2.83	0	2.19
4839.0	0.30	62	10.3	2.82	0	2.08

DEPTH FEET	PERM. TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT HC-FT
4840.0	0.06	74	8.0	2.6	2.83	0 1.98 0.28
4841.0	0.06	58	8.0	2.6	2.83	0 1.90 0.26
4842.0	0.03	65	7.1	2.3	2.81	0 1.82 0.23
4843.0	0.00	84	5.2	1.7	2.81	0 1.76 0.21
4844.0	0.01	52	5.4	1.8	2.82	0 1.70 0.20
4845.0	0.01	52	5.3	1.6	2.83	0 1.65 0.17
4846.0	0.01	57	5.5	1.0	2.84	0 1.60 0.15
4847.0	0.01	66	5.4	0.0	2.84	0 1.55 0.13
4848.0	0.02	78	6.5	0.4	2.86	0 1.49 0.11
4849.0	0.07	74	8.0	2.1	2.83	0 1.42 0.10
4850.0	0.03	97	7.1	2.3	2.83	0 1.34 0.08
4851.0	0.02	97	6.6	1.1	2.84	0 1.27 0.08
4852.0	0.23	57	9.9	3.3	2.85	0 1.20 0.06
4853.0	0.16	99	9.2	3.0	2.86	0 1.10 0.04
4854.0	0.14	100	9.0	3.0	2.86	0 1.01 0.04
4855.0	0.16	100	9.2	3.0	2.88	0 0.92 0.04
4856.0	0.12	100	8.8	2.9	2.87	0 0.83 0.04
4857.0	0.07	100	8.2	2.7	2.87	0 0.74 0.04
4858.0	0.04	100	7.3	2.4	2.86	0 0.67 0.04
4859.0	0.01	100	6.2	2.1	2.83	0 0.59 0.04
4860.0	0.02	100	6.5	2.1	2.81	0 0.53 0.04
4861.0	0.01	100	5.6	1.9	2.80	0 0.47 0.04
4862.0	0.01	99	6.1	2.0	2.80	0 0.41 0.04
4863.0	0.01	90	6.1	2.0	2.80	0 0.35 0.03
4864.0	0.01	85	6.2	2.1	2.79	0 0.29 0.03
4865.0	0.02	76	6.7	2.2	2.83	0 0.22 0.01
4866.0	0.01	98	6.2	2.1	2.81	0 0.16 0.01
4867.0	0.02	100	6.5	0.9	2.81	0 0.09 0.00
4868.0	0.01	100	5.9	0.0	2.81	0 0.03 0.00

DEPTH FEET	DEPTH METER	WATER SAT.	TOTAL POROSITY SEC.	MATRIX DENSITY G/CMC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS HC-FT
4848.0	100	2.9	0.0	2.83	0	0.28
4847.0	98	4.2	0.0	2.83	0	0.26
4846.0	96	5.7	0.0	2.81	0	0.23
4845.0	95	6.1	0.0	2.81	0	0.21
4844.0	95	6.1	0.0	2.83	0	0.20
4843.0	95	6.1	0.0	2.83	0	0.17
4842.0	95	6.1	0.0	2.84	0	0.15
4841.0	95	6.1	0.0	2.84	0	0.13
4840.0	95	6.1	0.0	2.86	0	0.11
4839.0	95	6.1	0.0	2.83	0	0.10
4838.0	95	6.1	0.0	2.83	0	0.08
4837.0	95	6.1	0.0	2.84	0	0.08
4836.0	95	6.1	0.0	2.84	0	0.08
4835.0	95	6.1	0.0	2.86	0	0.08
4834.0	95	6.1	0.0	2.86	0	0.08
4833.0	95	6.1	0.0	2.86	0	0.08
4832.0	95	6.1	0.0	2.86	0	0.08
4831.0	95	6.1	0.0	2.86	0	0.08
4830.0	95	6.1	0.0	2.86	0	0.08
4829.0	95	6.1	0.0	2.86	0	0.08
4828.0	95	6.1	0.0	2.86	0	0.08
4827.0	95	6.1	0.0	2.86	0	0.08
4826.0	95	6.1	0.0	2.86	0	0.08
4825.0	95	6.1	0.0	2.86	0	0.08
4824.0	95	6.1	0.0	2.86	0	0.08
4823.0	95	6.1	0.0	2.86	0	0.08
4822.0	95	6.1	0.0	2.86	0	0.08
4821.0	95	6.1	0.0	2.86	0	0.08
4820.0	95	6.1	0.0	2.86	0	0.08
4819.0	95	6.1	0.0	2.86	0	0.08
4818.0	95	6.1	0.0	2.86	0	0.08
4817.0	95	6.1	0.0	2.86	0	0.08
4816.0	95	6.1	0.0	2.86	0	0.08
4815.0	95	6.1	0.0	2.86	0	0.08
4814.0	95	6.1	0.0	2.86	0	0.08
4813.0	95	6.1	0.0	2.86	0	0.08
4812.0	95	6.1	0.0	2.86	0	0.08
4811.0	95	6.1	0.0	2.86	0	0.08
4810.0	95	6.1	0.0	2.86	0	0.08
4809.0	95	6.1	0.0	2.86	0	0.08
4808.0	95	6.1	0.0	2.86	0	0.08
4807.0	95	6.1	0.0	2.86	0	0.08
4806.0	95	6.1	0.0	2.86	0	0.08
4805.0	95	6.1	0.0	2.86	0	0.08
4804.0	95	6.1	0.0	2.86	0	0.08
4803.0	95	6.1	0.0	2.86	0	0.08
4802.0	95	6.1	0.0	2.86	0	0.08
4801.0	95	6.1	0.0	2.86	0	0.08
4800.0	95	6.1	0.0	2.86	0	0.08
4799.0	95	6.1	0.0	2.86	0	0.08
4798.0	95	6.1	0.0	2.86	0	0.08
4797.0	95	6.1	0.0	2.86	0	0.08
4796.0	95	6.1	0.0	2.86	0	0.08
4795.0	95	6.1	0.0	2.86	0	0.08
4794.0	95	6.1	0.0	2.86	0	0.08
4793.0	95	6.1	0.0	2.86	0	0.08
4792.0	95	6.1	0.0	2.86	0	0.08
4791.0	95	6.1	0.0	2.86	0	0.08
4790.0	95	6.1	0.0	2.86	0	0.08
4789.0	95	6.1	0.0	2.86	0	0.08
4788.0	95	6.1	0.0	2.86	0	0.08
4787.0	95	6.1	0.0	2.86	0	0.08
4786.0	95	6.1	0.0	2.86	0	0.08