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*   CORIBAND   *
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* SCHLUMBERGER *
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COMPANY PHILLIPS PETROLEUM COMPANY

WELL EVGSAU "TR" 3008 #3

FIELD EVGSA

COUNTY LEA

STATE NEW MEXICO

DATE 6-AUGUST-79

COMPUTED AT:- PERMIAN BASIN COMPUTING CENTER

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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<4.9%

PERMEABILITY = (62500(PHI**6))/(SW**2) [10%<SW<50%]

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
4004.0	0.01	100	5.2	0.0	2.69	0	42.49	21.44
4005.0	0.14	99	9.1	0.0	2.69	0	42.43	21.44
4006.0	0.21	98	9.7	0.0	2.70	0	42.33	21.44
4007.0	0.02	100	6.5	0.0	2.70	0	42.24	21.44
4008.0	0.00	100	2.7	0.0	2.67	0	42.19	21.44
4009.0	0.01	99	5.7	0.0	2.68	0	42.15	21.44
4010.0	0.00	100	5.0	0.0	2.72	0	42.09	21.44
4011.0	0.00	100	4.6	0.0	2.75	0	42.05	21.44
4012.0	0.03	99	7.0	0.0	2.72	0	42.00	21.44
4013.0	0.04	99	7.4	0.0	2.70	27	41.92	21.44
4014.0	0.00	100	4.9	0.0	2.78	25	41.85	21.44
4028.0	0.00	100	1.9	0.0	2.81	6	41.79	21.44
4029.0	0.00	100	1.9	0.0	2.82	8	41.77	21.44
4040.0	0.00	100	2.6	0.0	2.77	0	41.73	21.44
4041.0	0.00	100	2.2	0.0	2.77	0	41.70	21.44
4053.0	0.00	100	2.6	0.0	2.81	1	41.65	21.44
4109.0	0.00	100	3.7	0.0	2.76	2	41.55	21.44

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
4110.0	0.00	100	3.0	0.0	2.77	25	41.51	21.44
4111.0	0.00	100	2.2	0.0	2.81	7	41.49	21.44
4119.0	0.00	100	2.6	0.0	2.74	0	41.42	21.44
4120.0	0.00	100	3.4	0.0	2.74	0	41.39	21.44
4160.0	0.00	100	2.7	0.0	2.80	0	41.31	21.44
4161.0	0.00	100	3.0	0.0	2.77	19	41.29	21.44
4162.0	0.00	100	3.1	0.0	2.77	0	41.26	21.44
4167.0	0.00	100	2.9	0.0	2.71	0	41.19	21.44
4168.0	0.00	97	4.5	0.0	2.71	0	41.16	21.44
4169.0	0.01	76	5.5	0.0	2.72	2	41.11	21.43
4170.0	0.00	97	4.9	0.0	2.76	10	41.05	21.42
4171.0	0.00	100	2.4	0.0	2.78	5	41.01	21.42
4174.0	0.00	100	2.6	0.0	2.87	7	40.98	21.42
4194.0	0.00	100	2.0	0.0	2.79	1	40.91	21.42
4196.0	0.00	100	2.9	0.0	2.75	0	40.87	21.42
4197.0	0.00	100	3.0	0.0	2.75	0	40.84	21.42
4198.0	0.00	100	2.1	0.0	2.78	1	40.81	21.42
4202.0	0.00	100	2.4	0.0	2.70	0	40.77	21.42
4204.0	0.00	99	2.9	0.0	2.66	0	40.73	21.42
4205.0	0.00	92	3.3	0.0	2.66	0	40.69	21.42
4206.0	0.00	100	2.6	0.0	2.69	0	40.66	21.42
4207.0	0.00	100	2.0	0.0	2.75	0	40.64	21.42
4219.0	0.00	100	2.1	0.0	2.76	2	40.57	21.42
4223.0	0.00	38	1.9	0.0	2.83	0	40.52	21.41
4234.0	0.00	100	2.4	0.0	2.78	1	40.43	21.40
4235.0	0.00	100	2.8	0.0	2.77	7	40.40	21.40
4236.0	0.00	100	2.3	0.0	2.78	3	40.38	21.40
4240.0	0.00	94	2.6	0.0	2.79	5	40.32	21.40
4241.0	0.00	70	2.8	0.1	2.78	6	40.29	21.40
4242.0	0.00	54	2.8	0.0	2.81	3	40.26	21.39
4247.0	0.00	100	2.2	0.0	2.82	6	40.18	21.38
4255.0	0.00	100	2.3	0.0	2.76	7	40.08	21.38
4256.0	0.00	61	4.4	0.0	2.77	2	40.05	21.38
4257.0	0.00	64	4.4	0.0	2.78	0	40.01	21.36

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
4258.0	0.00	100	2.1	0.0	2.82	0	39.97	21.35
4259.0	0.00	100	2.6	0.0	2.82	0	39.95	21.35
4265.0	0.00	100	1.9	0.0	2.78	13	39.89	21.35
4266.0	0.00	100	3.5	0.0	2.75	7	39.87	21.35
4267.0	0.00	65	4.4	0.0	2.72	0	39.83	21.34
4268.0	0.01	50	5.3	0.0	2.71	0	39.79	21.32
4269.0	0.02	50	6.6	0.0	2.70	0	39.73	21.30
4270.0	0.12	47	8.6	0.0	2.71	0	39.66	21.26
4271.0	0.21	42	9.2	0.0	2.73	1	39.57	21.21
4272.0	0.00	67	5.1	0.0	2.75	9	39.48	21.17
4273.0	0.00	100	2.2	0.0	2.78	16	39.44	21.16
4274.0	0.00	100	4.1	0.0	2.82	7	39.42	21.16
4275.0	0.00	100	3.3	0.0	2.83	0	39.38	21.16
4287.0	0.00	100	2.3	0.0	2.76	2	39.31	21.16
4288.0	0.00	99	3.5	0.0	2.81	0	39.29	21.16
4289.0	0.00	100	2.8	0.0	2.82	1	39.25	21.16
4290.0	0.00	100	2.0	0.0	2.80	5	39.23	21.16
4291.0	0.00	100	3.3	0.0	2.80	2	39.20	21.16
4295.0	0.00	42	2.5	0.2	2.83	0	39.15	21.15
4299.0	0.00	39	2.1	0.0	2.85	0	39.10	21.13
4300.0	0.00	32	2.7	0.0	2.84	0	39.08	21.12
4305.0	0.00	100	2.6	0.0	2.85	0	39.02	21.09
4306.0	0.00	100	2.4	0.0	2.78	8	38.99	21.09
4307.0	0.01	63	5.2	0.0	2.74	8	38.96	21.09
4308.0	0.00	70	4.3	0.0	2.78	0	38.91	21.07
4319.0	0.00	75	2.4	0.0	2.77	0	38.86	21.06
4320.0	0.00	99	3.2	0.0	2.75	6	38.83	21.06
4321.0	0.00	100	3.1	0.0	2.75	8	38.80	21.06
4322.0	0.00	100	3.7	0.0	2.75	7	38.77	21.06
4323.0	0.01	84	5.9	0.0	2.75	4	38.73	21.06
4324.0	0.13	52	9.0	0.0	2.74	1	38.66	21.04
4325.0	0.07	51	8.1	0.0	2.74	5	38.57	20.99
4326.0	0.01	66	5.9	0.0	2.75	6	38.50	20.96
4327.0	0.03	51	7.0	0.0	2.73	1	38.44	20.94
4328.0	0.17	40	8.8	0.0	2.74	4	38.36	20.90
4329.0	0.05	49	7.5	0.0	2.75	18	38.28	20.85
4330.0	0.02	60	6.7	0.0	2.79	11	38.20	20.81
4331.0	0.00	100	3.6	0.0	2.81	0	38.14	20.79
4332.0	0.00	100	2.0	0.0	2.81	0	38.11	20.79
4333.0	0.00	100	2.3	0.0	2.79	0	38.09	20.79
4334.0	0.00	100	2.7	0.0	2.81	0	38.07	20.79
4335.0	0.00	100	3.0	0.0	2.86	0	38.04	20.79

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
4336.0	0.00	100	2.9	0.0	2.84	0	38.01	20.79
4338.0	0.00	100	2.6	0.0	2.79	12	37.96	20.79
4339.0	0.00	100	4.4	0.0	2.76	21	37.93	20.79
4340.0	0.01	97	6.2	0.0	2.73	7	37.89	20.79
4341.0	0.02	70	6.6	0.0	2.74	9	37.82	20.78
4342.0	0.00	100	2.8	0.0	2.78	19	37.77	20.77
4343.0	0.00	100	2.8	0.0	2.84	16	37.74	20.77
4344.0	0.00	100	3.4	0.0	2.78	3	37.71	20.77
4345.0	0.09	42	7.9	0.4	2.73	2	37.67	20.77
4346.0	1.03	26	10.3	0.1	2.76	2	37.58	20.71
4347.0	0.00	53	14.3	0.0	2.81	0	37.49	20.65
4351.0	0.00	100	2.6	0.0	2.78	12	37.44	20.64
4352.0	0.00	100	2.3	0.0	2.81	7	37.41	20.64
4376.0	0.00	41	3.1	0.0	2.84	0	37.23	20.60
4377.0	0.02	21	5.1	0.0	2.86	0	37.20	20.58
4378.0	0.13	14	5.9	0.3	2.88	0	37.15	20.54
4379.0	0.00	28	3.2	0.0	2.84	0	37.09	20.49
4381.0	0.00	20	3.4	0.0	2.90	0	37.05	20.46
4382.0	0.20	13	6.3	2.0	2.88	0	37.01	20.43
4383.0	1.73	11	8.6	2.5	2.90	0	36.94	20.37
4384.0	31.98	9	13.1	4.4	2.90	0	36.84	20.28
4385.0	1.99	13	9.1	3.4	2.88	0	36.71	20.17
4387.0	0.02	25	5.0	0.7	2.88	0	36.62	20.11
4388.0	0.68	13	7.6	2.7	2.89	0	36.56	20.06
4389.0	0.03	17	5.1	0.1	2.84	0	36.49	20.00
4390.0	0.07	13	5.2	0.0	2.88	0	36.44	19.96
4391.0	0.04	16	5.1	1.8	2.87	0	36.39	19.91
4392.0	0.17	15	6.3	2.3	2.87	0	36.34	19.87
4393.0	40.91	10	13.7	5.9	2.88	0	36.26	19.80
4394.0	47.78	9	14.0	6.5	2.89	0	36.12	19.67
4395.0	5.33	10	9.9	4.6	2.90	0	35.99	19.56
4396.0	0.00	28	2.8	0.9	2.88	0	35.91	19.49
4398.0	0.30	17	7.2	1.4	2.87	0	35.87	19.47
4399.0	12.68	10	11.3	3.8	2.90	0	35.78	19.39
4400.0	5.36	8	9.7	1.7	2.88	0	35.67	19.29
4401.0	40.43	7	13.7	2.9	2.88	0	35.56	19.19
4402.0	175.34	7	17.4	4.0	2.90	0	35.42	19.06
4403.0	67.82	8	14.9	4.1	2.89	0	35.24	18.90
4404.0	1.86	10	8.3	1.1	2.85	0	35.11	18.78
4405.0	0.82	8	7.1	0.0	2.85	0	35.04	18.71
4406.0	2.54	8	8.6	0.0	2.84	0	34.96	18.64
4407.0	0.33	10	6.2	0.0	2.84	0	34.88	18.57

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
4408.0	0.98	7	7.3	0.0	2.86	0	34.82	18.52
4409.0	29.21	6	12.9	2.6	2.88	0	34.74	18.44
4410.0	64.30	6	14.7	3.4	2.90	0	34.60	18.31
4411.0	146.81	6	16.9	3.0	2.89	0	34.45	18.17
4412.0	191.95	6	17.7	4.1	2.88	0	34.27	18.00
4413.0	38.54	6	13.5	3.8	2.89	0	34.11	17.85
4414.0	14.03	6	11.4	4.8	2.89	0	33.98	17.72
4415.0	0.53	7	6.6	0.1	2.85	0	33.87	17.63
4416.0	0.81	7	7.1	0.5	2.88	0	33.81	17.57
4417.0	1.57	7	7.9	1.0	2.86	0	33.73	17.50
4418.0	0.27	9	5.9	0.0	2.84	0	33.66	17.43
4419.0	12.24	7	11.2	0.7	2.90	0	33.59	17.37
4420.0	16.67	7	11.8	1.0	2.89	0	33.47	17.26
4421.0	1.87	8	8.2	0.0	2.89	0	33.36	17.16
4422.0	7.35	6	10.3	2.4	2.90	0	33.28	17.08
4423.0	5.74	7	9.9	2.1	2.86	0	33.17	16.98
4424.0	2.81	8	8.8	0.0	2.87	0	33.07	16.89
4425.0	1.19	9	7.6	0.0	2.89	0	32.99	16.81
4426.0	0.89	9	7.2	0.0	2.86	0	32.91	16.74
4427.0	13.04	8	11.3	2.2	2.88	0	32.83	16.67
4428.0	1.82	11	8.5	1.4	2.85	0	32.72	16.57
4429.0	2.38	10	8.6	3.0	2.87	0	32.64	16.50
4430.0	10.29	8	10.9	3.5	2.89	0	32.55	16.41
4431.0	12.66	8	11.2	4.2	2.89	0	32.44	16.31
4432.0	1.68	9	8.0	2.0	2.90	0	32.33	16.21
4433.0	0.04	12	4.7	0.0	2.87	0	32.26	16.15
4434.0	4.55	8	9.5	0.0	2.86	0	32.21	16.11
4435.0	47.96	7	14.0	4.6	2.90	0	32.09	16.00
4436.0	0.53	9	6.6	1.7	2.83	0	31.97	15.88
4437.0	12.06	7	11.2	2.0	2.90	0	31.89	15.81
4438.0	48.45	7	14.1	2.3	2.89	0	31.77	15.70
4439.0	29.93	7	13.0	2.1	2.90	0	31.63	15.57
4440.0	69.43	7	14.9	3.5	2.89	0	31.50	15.45
4441.0	8.42	8	10.5	0.0	2.90	0	31.35	15.31
4442.0	0.01	18	4.4	0.0	2.82	0	31.27	15.24
4443.0	8.56	8	10.5	0.0	2.87	0	31.21	15.19
4444.0	64.31	7	14.7	2.5	2.90	0	31.09	15.08
4445.0	53.49	8	14.3	2.5	2.88	0	30.95	14.95
4446.0	91.45	8	15.6	3.7	2.86	0	30.80	14.81
4447.0	151.78	8	17.0	4.5	2.85	0	30.64	14.66
4448.0	191.65	7	17.7	5.2	2.87	0	30.46	14.50
4449.0	167.43	7	17.3	4.4	2.86	0	30.29	14.34
4450.0	170.32	7	17.3	6.0	2.90	0	30.11	14.18
4451.0	52.99	8	14.3	4.4	2.87	0	29.95	14.03
4452.0	11.36	9	11.0	3.0	2.85	0	29.81	13.90
4453.0	0.25	11	6.1	0.5	2.82	0	29.71	13.82
4454.0	1.76	10	8.3	2.4	2.84	0	29.65	13.76
4455.0	2.98	11	9.3	3.2	2.86	0	29.56	13.68

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
4456.0	0.69	13	7.6	1.3	2.85	0	29.47	13.60
4457.0	0.41	14	7.2	0.7	2.84	0	29.39	13.53
4458.0	0.55	15	7.7	2.0	2.83	0	29.32	13.47
4459.0	1.08	15	8.6	2.3	2.83	0	29.24	13.40
4460.0	0.33	17	7.3	1.7	2.84	0	29.16	13.33
4461.0	0.05	17	5.4	1.7	2.84	0	29.09	13.28
4462.0	0.01	20	4.3	0.9	2.85	0	29.04	13.24
4463.0	0.00	30	3.2	0.2	2.86	0	29.00	13.20
4468.0	0.12	18	6.3	0.6	2.78	0	28.95	13.18
4469.0	11.10	12	11.9	4.7	2.80	0	28.86	13.11
4470.0	0.19	19	7.0	0.8	2.79	0	28.75	13.01
4471.0	3.17	12	9.6	3.4	2.79	0	28.68	12.96
4472.0	27.56	12	13.9	6.2	2.83	0	28.57	12.86
4473.0	0.58	20	8.6	2.0	2.82	0	28.44	12.75
4474.0	0.36	19	7.7	2.5	2.82	0	28.36	12.69
4475.0	4.10	16	11.0	5.5	2.86	0	28.28	12.62
4476.0	3.49	18	11.2	5.2	2.85	0	28.16	12.52
4477.0	0.22	23	7.6	1.7	2.83	0	28.06	12.44
4478.0	0.00	35	3.5	0.0	2.83	0	28.00	12.39
4479.0	0.00	30	2.7	0.0	2.84	0	27.96	12.37
4480.0	0.00	30	3.2	0.3	2.84	0	27.94	12.35
4481.0	0.00	47	2.7	0.0	2.85	0	27.90	12.33
4483.0	0.00	53	2.6	0.0	2.84	0	27.86	12.32
4484.0	0.00	89	2.6	0.0	2.84	0	27.83	12.30
4489.0	0.00	100	2.3	0.0	2.84	1	27.76	12.30
4490.0	0.00	100	2.8	0.0	2.85	8	27.73	12.30
4491.0	0.00	100	2.2	0.0	2.84	0	27.70	12.30
4494.0	0.00	99	2.7	0.0	2.87	0	27.67	12.30
4495.0	0.00	60	5.1	1.0	2.84	0	27.63	12.30
4496.0	0.00	71	5.0	0.1	2.83	0	27.58	12.28
4497.0	0.05	48	7.6	1.8	2.87	0	27.53	12.25
4498.0	0.08	44	8.0	0.5	2.87	0	27.45	12.21
4499.0	0.02	46	6.3	0.0	2.86	0	27.37	12.17
4500.0	0.09	33	7.4	1.6	2.85	0	27.31	12.14
4501.0	0.33	27	8.6	1.3	2.83	0	27.23	12.08
4502.0	2.66	19	10.9	2.5	2.77	0	27.14	12.02
4503.0	97.72	11	16.8	1.3	2.80	0	27.01	11.91
4504.0	95.04	14	17.9	0.9	2.75	0	26.84	11.76
4505.0	633.04	13	24.1	0.4	2.78	0	26.65	11.59
4506.0	206.45	15	20.8	0.0	2.79	0	26.41	11.39
4507.0	209.59	14	20.4	0.0	2.69	0	26.21	11.22
4508.0	1758.12	12	27.5	5.9	2.67	0	25.98	11.02
4509.0	3720.31	12	31.4	4.4	2.67	0	25.69	10.77
4510.0	2730.31	13	30.8	0.0	2.70	0	25.38	10.50

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
4511.0	2496.35	12	29.1	0.0	2.81	0	25.07	10.23
4512.0	999.94	11	24.6	2.0	2.83	0	24.79	9.99
4513.0	1464.07	10	25.4	6.5	2.89	0	24.55	9.77
4514.0	1006.93	10	23.8	7.5	2.90	0	24.29	9.54
4515.0	32.39	12	14.2	3.4	2.84	0	24.08	9.35
4516.0	63.87	12	15.7	3.8	2.78	0	23.94	9.23
4517.0	344.80	12	21.2	2.8	2.82	0	23.77	9.08
4518.0	2771.48	11	29.3	8.1	2.89	0	23.53	8.87
4519.0	946.53	13	25.3	6.6	2.90	0	23.24	8.62
4520.0	6.27	20	12.6	0.1	2.90	0	23.02	8.43
4521.0	0.03	29	5.8	0.0	2.87	0	22.91	8.35
4522.0	0.01	33	4.7	0.6	2.83	0	22.86	8.31
4523.0	0.02	29	5.4	1.2	2.86	0	22.81	8.28
4524.0	0.00	37	4.5	0.4	2.83	0	22.76	8.24
4525.0	0.00	80	2.2	0.0	2.82	0	22.72	8.22
4528.0	0.00	100	3.0	0.0	2.83	0	22.68	8.22
4529.0	0.02	74	6.4	0.0	2.88	3	22.65	8.22
4530.0	0.03	80	6.9	0.0	2.86	0	22.58	8.20
4531.0	0.00	100	5.1	0.0	2.82	1	22.52	8.19
4532.0	0.00	100	3.5	0.0	2.79	11	22.48	8.19
4533.0	0.05	99	7.7	0.7	2.73	27	22.43	8.19
4534.0	0.43	70	11.0	0.0	2.72	28	22.34	8.17
4535.0	0.11	91	8.8	0.0	2.73	30	22.23	8.15
4536.0	0.03	100	7.0	0.2	2.73	37	22.15	8.14
4537.0	0.02	99	6.6	0.0	2.80	23	22.08	8.14
4538.0	0.00	100	3.3	0.0	2.78	23	22.02	8.14
4539.0	0.00	100	5.2	0.3	2.83	19	21.98	8.14
4540.0	0.00	100	4.3	0.0	2.87	20	21.93	8.14
4541.0	0.00	100	3.9	0.0	2.88	6	21.89	8.14
4542.0	0.00	100	3.4	0.0	2.84	1	21.85	8.14
4543.0	0.00	100	5.0	0.0	2.85	13	21.81	8.14
4544.0	0.05	99	7.8	0.0	2.87	10	21.75	8.14
4545.0	0.00	100	4.2	0.0	2.83	16	21.68	8.14
4546.0	0.00	100	3.2	0.0	2.89	38	21.65	8.14
4547.0	0.00	100	4.1	0.0	2.88	15	21.61	8.14
4548.0	0.00	100	4.0	0.0	2.86	3	21.58	8.14
4549.0	0.00	100	3.3	0.0	2.88	0	21.53	8.14
4552.0	0.00	62	3.3	0.2	2.85	0	21.49	8.14
4553.0	0.09	30	7.1	1.8	2.85	0	21.45	8.12
4554.0	0.01	44	5.8	0.1	2.85	0	21.38	8.07
4559.0	0.00	99	2.3	0.0	2.85	0	21.30	8.05
4560.0	5.25	11	10.3	2.6	2.87	0	21.26	8.02
4561.0	4.58	13	10.6	0.8	2.87	0	21.15	7.92
4562.0	0.00	98	2.8	0.0	2.85	0	21.06	7.85
4563.0	0.00	100	2.8	0.0	2.90	0	21.04	7.85

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
4565.0	0.00	68	3.4	0.8	2.82	0	20.99	7.85
4566.0	0.14	22	7.0	1.9	2.84	0	20.95	7.83
4567.0	0.01	36	4.9	0.0	2.81	0	20.88	7.78
4568.0	0.00	100	2.5	0.0	2.81	9	20.85	7.76
4569.0	0.27	56	10.1	0.1	2.88	0	20.81	7.76
4570.0	0.49	49	11.2	0.8	2.84	0	20.70	7.71
4571.0	6.06	20	12.7	3.6	2.83	0	20.58	7.65
4572.0	9.38	13	11.7	1.9	2.85	0	20.46	7.54
4573.0	8.24	12	11.3	3.4	2.85	0	20.35	7.45
4574.0	14.78	10	11.9	3.8	2.82	0	20.23	7.35
4575.0	11.81	10	11.2	1.2	2.81	0	20.12	7.24
4576.0	2.87	12	9.5	0.3	2.84	0	20.01	7.14
4577.0	0.18	16	6.6	0.3	2.84	0	19.92	7.07
4578.0	0.62	14	7.7	2.5	2.87	0	19.85	7.01
4579.0	3.90	14	10.6	4.7	2.88	0	19.77	6.94
4580.0	1.44	16	9.3	4.5	2.89	0	19.66	6.85
4581.0	0.04	22	5.6	0.1	2.84	0	19.58	6.78
4582.0	3.85	12	10.0	3.2	2.88	0	19.52	6.73
4583.0	2.12	13	9.3	2.8	2.87	0	19.41	6.64
4584.0	0.79	14	8.1	2.0	2.87	0	19.33	6.57
4585.0	2.62	13	9.5	3.3	2.87	0	19.24	6.49
4586.0	0.59	18	8.2	1.4	2.84	0	19.15	6.41
4587.0	5.33	18	11.9	3.9	2.86	0	19.06	6.34
4588.0	32.94	16	15.6	4.8	2.89	0	18.93	6.23
4589.0	7.91	17	12.6	3.5	2.88	0	18.77	6.10
4590.0	0.04	23	5.7	0.0	2.87	0	18.66	6.01
4591.0	0.00	28	3.5	0.0	2.85	0	18.62	5.98
4592.0	0.02	23	5.2	1.0	2.80	0	18.58	5.95
4593.0	4.03	16	10.9	5.0	2.83	0	18.51	5.90
4594.0	2.01	17	10.0	4.4	2.84	0	18.40	5.80
4595.0	1.41	20	9.8	3.2	2.86	0	18.30	5.72
4596.0	11.00	19	13.7	4.2	2.90	0	18.19	5.63
4597.0	0.80	24	9.6	1.9	2.86	0	18.06	5.53
4598.0	0.06	24	6.2	1.5	2.86	0	17.98	5.47
4599.0	0.01	29	4.5	0.9	2.85	0	17.92	5.42
4604.0	0.00	37	4.2	0.7	2.81	0	17.86	5.40
4605.0	0.28	23	7.9	2.2	2.84	0	17.81	5.36
4606.0	0.03	31	5.9	0.0	2.85	0	17.73	5.31
4607.0	0.75	22	9.2	3.1	2.85	0	17.67	5.26
4608.0	14.01	18	14.0	5.1	2.88	0	17.56	5.18
4609.0	22.93	19	15.4	3.4	2.87	0	17.42	5.06
4610.0	21.08	18	15.0	3.9	2.87	0	17.26	4.93
4611.0	14.43	18	14.0	3.5	2.87	0	17.12	4.81
4612.0	8.66	18	12.9	3.4	2.86	0	16.98	4.70
4613.0	1.31	18	9.5	2.3	2.85	0	16.86	4.60
4614.0	1.78	16	9.6	2.6	2.85	0	16.77	4.53

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
4615.0	6.30	17	12.0	3.8	2.84	0	16.66	4.44
4616.0	26.48	16	15.1	5.4	2.87	0	16.54	4.33
4617.0	31.02	17	15.6	4.3	2.86	0	16.38	4.21
4618.0	20.84	16	14.4	3.8	2.87	0	16.23	4.08
4619.0	3.28	16	10.6	2.6	2.87	0	16.09	3.97
4620.0	1.61	15	9.3	3.0	2.87	0	15.99	3.88
4621.0	8.39	11	11.0	4.3	2.86	0	15.90	3.80
4622.0	18.58	11	12.5	4.3	2.89	0	15.78	3.70
4623.0	3.91	13	10.3	2.6	2.88	0	15.66	3.59
4624.0	0.12	20	6.7	1.0	2.84	0	15.57	3.51
4625.0	0.00	38	3.5	0.0	2.85	0	15.51	3.47
4626.0	0.01	27	4.6	0.8	2.82	0	15.48	3.45
4627.0	1.16	13	8.4	2.9	2.81	0	15.42	3.41
4628.0	11.26	12	12.0	5.0	2.86	0	15.33	3.32
4629.0	2.59	17	10.4	3.3	2.86	0	15.21	3.22
4630.0	1.48	18	9.6	3.1	2.87	0	15.11	3.14
4631.0	0.78	18	8.7	2.6	2.86	0	15.01	3.06
4632.0	0.24	20	7.4	1.8	2.86	0	14.93	2.99
4633.0	0.68	16	8.1	2.5	2.84	0	14.85	2.93
4634.0	1.07	18	9.2	3.5	2.86	0	14.77	2.86
4635.0	0.17	25	7.5	2.6	2.84	0	14.68	2.79
4636.0	0.14	23	7.0	2.5	2.85	0	14.61	2.74
4637.0	0.02	26	5.5	1.7	2.84	0	14.54	2.69
4638.0	0.00	31	4.0	0.0	2.84	0	14.49	2.65
4639.0	0.02	23	5.2	1.0	2.83	0	14.45	2.62
4640.0	0.00	49	3.8	0.6	2.84	0	14.40	2.58
4641.0	0.00	100	2.8	0.0	2.84	0	14.36	2.57
4642.0	0.05	88	7.6	2.0	2.84	0	14.33	2.57
4643.0	0.24	88	9.9	3.0	2.86	0	14.24	2.55
4644.0	0.01	100	6.1	0.2	2.85	0	14.15	2.54
4645.0	0.15	99	9.2	2.6	2.83	0	14.08	2.54
4646.0	0.49	99	11.2	5.1	2.85	0	13.98	2.54
4647.0	0.45	99	11.0	5.2	2.86	0	13.87	2.54
4648.0	0.72	93	11.9	4.4	2.85	0	13.76	2.54
4649.0	1.68	72	13.7	4.1	2.85	0	13.64	2.53
4650.0	2.31	66	14.5	3.9	2.87	0	13.50	2.48
4651.0	1.74	66	13.8	4.2	2.85	0	13.35	2.43
4652.0	1.21	66	13.0	4.8	2.84	0	13.21	2.39
4653.0	0.66	69	11.8	4.4	2.86	0	13.08	2.34
4654.0	0.13	84	8.9	2.4	2.86	0	12.97	2.31
4655.0	0.07	79	8.2	2.5	2.84	0	12.89	2.30
4656.0	0.14	64	9.1	2.8	2.85	0	12.80	2.28
4657.0	0.13	68	8.9	2.9	2.86	0	12.71	2.24
4658.0	0.09	73	8.4	3.0	2.84	0	12.62	2.22
4659.0	0.16	62	9.3	3.4	2.85	0	12.54	2.19
4660.0	0.17	72	9.4	3.1	2.83	0	12.44	2.16
4661.0	0.40	85	10.8	3.9	2.84	0	12.35	2.14
4662.0	0.50	100	11.2	2.9	2.83	0	12.24	2.13

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
4663.0	3.96	98	15.9	4.4	2.88	0	12.12	2.13
4664.0	5.24	95	16.6	5.0	2.89	0	11.95	2.12
4665.0	0.73	98	12.0	3.6	2.89	0	11.80	2.12
4666.0	0.11	99	8.7	1.5	2.85	0	11.69	2.11
4667.0	0.02	100	6.4	0.1	2.85	0	11.61	2.11
4668.0	0.03	100	7.2	0.9	2.86	0	11.54	2.11
4669.0	0.04	100	7.2	0.3	2.86	0	11.47	2.11
4670.0	0.19	100	9.5	1.9	2.88	0	11.40	2.11
4671.0	0.89	98	12.3	4.7	2.86	0	11.29	2.11
4672.0	0.25	100	10.0	2.5	2.84	0	11.17	2.11
4673.0	0.06	100	8.0	0.8	2.87	0	11.07	2.11
4674.0	0.01	100	6.1	0.0	2.85	0	11.00	2.11
4675.0	0.01	100	5.4	0.0	2.85	0	10.94	2.11
4676.0	0.20	98	9.6	3.8	2.88	0	10.88	2.11
4677.0	0.39	97	10.8	4.2	2.85	0	10.78	2.11
4678.0	0.65	86	11.7	4.2	2.84	0	10.67	2.11
4679.0	1.31	76	13.2	5.0	2.87	0	10.55	2.09
4680.0	0.59	86	11.5	3.8	2.86	0	10.42	2.06
4681.0	0.15	100	9.2	1.6	2.85	0	10.31	2.05
4682.0	0.52	95	11.3	3.0	2.88	0	10.21	2.05
4683.0	1.50	73	13.5	5.1	2.90	0	10.09	2.03
4684.0	0.89	65	12.4	5.9	2.86	0	9.96	1.99
4685.0	0.08	75	8.2	2.7	2.83	0	9.84	1.96
4686.0	0.08	60	8.3	3.0	2.83	0	9.77	1.94
4687.0	0.22	49	9.7	4.7	2.84	0	9.68	1.90
4688.0	0.04	50	7.3	3.5	2.84	0	9.59	1.85
4689.0	0.00	66	3.9	1.1	2.82	0	9.52	1.82
4690.0	0.00	100	3.4	0.7	2.82	0	9.49	1.82
4691.0	0.10	92	8.6	3.2	2.85	0	9.44	1.82
4692.0	0.18	88	9.5	3.9	2.85	0	9.35	1.81
4693.0	0.04	99	7.4	2.6	2.84	0	9.26	1.80
4694.0	0.02	95	6.7	2.5	2.85	0	9.19	1.80
4695.0	0.00	100	2.5	0.0	2.85	0	9.13	1.79
4699.0	0.00	100	2.1	0.7	2.82	0	9.11	1.79
4700.0	0.01	100	5.8	2.0	2.84	0	9.08	1.79
4701.0	1.63	94	13.7	6.8	2.87	0	9.00	1.79
4702.0	1.76	96	13.8	5.1	2.89	0	8.86	1.79
4703.0	1.47	98	13.4	4.4	2.87	0	8.73	1.79
4704.0	1.11	99	12.8	4.1	2.86	0	8.60	1.78
4705.0	0.81	93	12.2	4.8	2.87	0	8.47	1.78
4706.0	0.07	99	8.1	2.0	2.87	0	8.36	1.78
4707.0	0.01	100	6.1	1.3	2.87	0	8.29	1.78
4708.0	0.01	100	6.2	1.5	2.87	0	8.22	1.78
4709.0	0.01	100	5.9	0.6	2.86	0	8.16	1.78
4710.0	0.02	100	6.3	1.0	2.85	0	8.10	1.78
4711.0	0.01	100	5.7	0.3	2.86	0	8.04	1.78
4712.0	0.04	100	7.2	1.1	2.87	0	7.98	1.78

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
4713.0	0.10	100	8.7	1.9	2.88	0	7.90	1.78
4714.0	0.01	100	5.6	0.0	2.86	0	7.82	1.78
4715.0	0.00	100	4.5	0.0	2.86	0	7.77	1.78
4716.0	0.01	73	6.0	1.6	2.84	0	7.72	1.77
4717.0	0.00	97	4.2	0.0	2.83	0	7.67	1.76
4718.0	0.01	83	5.7	0.1	2.87	0	7.62	1.76
4719.0	0.05	64	7.8	1.3	2.89	0	7.56	1.75
4720.0	0.04	56	7.3	1.7	2.87	0	7.48	1.71
4721.0	0.00	85	4.9	0.3	2.86	0	7.41	1.69
4722.0	0.00	100	4.3	0.0	2.85	0	7.36	1.68
4723.0	0.17	98	9.4	3.1	2.85	0	7.31	1.68
4724.0	0.24	83	10.0	3.2	2.85	0	7.21	1.68
4725.0	0.34	69	10.6	3.5	2.87	0	7.11	1.65
4726.0	0.24	79	9.9	2.9	2.89	0	7.00	1.62
4727.0	0.20	97	9.6	3.0	2.87	0	6.91	1.61
4728.0	0.30	78	10.3	4.0	2.87	0	6.81	1.60
4729.0	0.00	100	4.7	0.0	2.87	0	6.72	1.59
4730.0	0.00	91	3.1	0.0	2.88	0	6.68	1.59
4731.0	0.00	62	4.2	0.5	2.86	0	6.64	1.58
4732.0	0.04	58	7.5	2.4	2.83	0	6.60	1.56
4733.0	0.82	48	12.1	5.3	2.84	0	6.51	1.52
4734.0	0.08	74	8.3	1.6	2.84	0	6.39	1.46
4735.0	0.00	99	4.8	0.0	2.83	0	6.32	1.45
4736.0	0.02	74	6.4	1.0	2.87	0	6.27	1.45
4737.0	0.02	99	6.6	1.4	2.90	0	6.20	1.44
4738.0	0.08	100	8.3	1.5	2.89	0	6.14	1.44
4739.0	0.67	78	11.8	3.6	2.88	0	6.05	1.44
4740.0	0.15	84	9.2	1.9	2.85	0	5.93	1.41
4741.0	0.01	94	5.3	0.2	2.83	0	5.85	1.40
4742.0	0.00	58	4.7	0.8	2.85	0	5.80	1.39
4743.0	0.00	100	4.2	0.0	2.88	0	5.75	1.38
4744.0	0.00	100	2.9	0.0	2.88	0	5.71	1.38
4747.0	0.00	100	2.2	0.0	2.83	0	5.67	1.38
4748.0	0.30	100	10.3	2.8	2.87	0	5.63	1.38
4749.0	0.14	100	9.1	2.6	2.86	0	5.52	1.38
4750.0	0.01	100	5.4	0.4	2.81	0	5.44	1.38
4751.0	0.00	100	4.0	0.0	2.85	0	5.39	1.38
4752.0	0.00	100	1.9	0.0	2.86	0	5.36	1.38
4753.0	0.00	79	2.7	0.0	2.83	0	5.34	1.38
4754.0	0.00	99	4.8	0.1	2.85	0	5.31	1.37
4755.0	0.00	100	3.5	0.0	2.87	0	5.26	1.37
4756.0	0.00	100	2.6	0.0	2.86	0	5.23	1.37
4757.0	0.00	100	3.8	0.0	2.86	0	5.20	1.37
4758.0	0.01	92	5.4	0.0	2.83	0	5.16	1.37
4759.0	0.02	71	6.7	1.3	2.82	0	5.10	1.37
4760.0	0.11	52	8.7	2.7	2.85	0	5.03	1.34
4761.0	0.01	70	6.1	0.5	2.85	0	4.95	1.30

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
4762.0	0.00	98	4.1	0.0	2.82	0	4.89	1.29
4763.0	0.00	100	3.3	0.0	2.83	0	4.86	1.29
4764.0	0.00	100	2.7	0.0	2.84	0	4.82	1.29
4765.0	0.00	99	3.1	0.0	2.82	0	4.80	1.29
4766.0	0.00	86	4.5	0.0	2.83	0	4.76	1.29
4767.0	0.00	100	1.9	0.0	2.85	0	4.72	1.29
4770.0	0.01	92	5.3	0.0	2.85	0	4.67	1.29
4771.0	0.00	71	4.8	0.0	2.84	0	4.62	1.28
4772.0	0.00	67	2.9	0.0	2.84	0	4.58	1.27
4773.0	0.00	60	2.7	0.0	2.86	0	4.55	1.26
4774.0	0.00	44	4.3	0.0	2.86	0	4.52	1.25
4775.0	0.04	35	6.6	1.2	2.85	0	4.47	1.22
4776.0	0.01	40	5.7	0.6	2.87	0	4.40	1.17
4777.0	0.00	51	3.5	0.0	2.85	0	4.35	1.15
4778.0	0.00	49	3.0	0.0	2.85	0	4.32	1.13
4779.0	0.00	40	3.5	0.0	2.87	0	4.29	1.11
4780.0	0.00	43	3.5	0.0	2.84	0	4.25	1.09
4781.0	0.00	61	2.5	0.0	2.83	0	4.22	1.07
4782.0	0.00	96	2.1	0.0	2.85	0	4.19	1.06
4784.0	0.00	60	3.4	0.0	2.84	0	4.15	1.06
4785.0	0.00	54	3.7	0.1	2.82	0	4.11	1.04
4786.0	0.00	65	2.7	0.0	2.83	0	4.08	1.03
4789.0	0.00	100	2.5	0.4	2.85	0	4.02	1.01
4790.0	0.01	74	5.8	1.0	2.82	0	3.99	1.01
4791.0	0.05	65	7.7	2.5	2.85	0	3.92	0.99
4792.0	0.01	91	6.0	1.6	2.85	0	3.85	0.97
4793.0	0.00	100	3.9	0.1	2.84	0	3.79	0.97
4794.0	0.00	94	3.8	0.0	2.87	0	3.75	0.97
4795.0	0.00	91	3.6	0.2	2.86	0	3.71	0.96
4796.0	0.00	100	2.1	0.0	2.84	0	3.68	0.96
4797.0	0.00	100	2.4	0.0	2.85	0	3.66	0.96
4798.0	0.00	100	2.5	0.0	2.85	0	3.63	0.96
4801.0	0.00	92	2.8	0.0	2.83	0	3.57	0.96
4802.0	0.00	97	2.6	0.0	2.87	0	3.55	0.95
4803.0	0.00	78	2.0	0.0	2.86	0	3.52	0.95
4804.0	0.00	59	2.6	0.0	2.83	0	3.50	0.95
4807.0	0.00	53	2.8	0.0	2.82	0	3.45	0.94
4808.0	0.00	65	2.9	0.0	2.79	0	3.42	0.92
4809.0	0.00	58	3.2	0.0	2.82	0	3.39	0.91
4812.0	0.00	60	1.9	0.0	2.84	0	3.33	0.89
4813.0	0.00	59	3.1	0.0	2.83	0	3.31	0.89
4814.0	0.01	57	5.3	1.1	2.82	0	3.27	0.87

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	POROSITY SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT	CUMULATIVE INTEGRATIONS HC-FT
4815.0	0.03	60	6.9	2.2	2.82	0	3.22	0.85
4816.0	0.12	47	8.7	3.5	2.82	0	3.14	0.82
4817.0	0.08	43	7.9	3.0	2.82	0	3.05	0.77
4818.0	0.03	46	6.8	2.3	2.84	0	2.98	0.73
4819.0	0.09	39	7.7	3.3	2.83	0	2.91	0.69
4820.0	0.08	35	7.5	2.7	2.81	0	2.83	0.64
4821.0	0.03	37	6.5	1.7	2.82	0	2.76	0.59
4822.0	0.00	63	4.0	0.4	2.81	0	2.70	0.55
4823.0	0.00	100	2.2	0.0	2.82	0	2.66	0.54
4824.0	0.00	79	4.6	1.0	2.80	0	2.64	0.54
4825.0	0.12	58	8.9	3.1	2.83	0	2.58	0.53
4826.0	0.26	65	10.1	4.3	2.85	0	2.48	0.49
4827.0	0.26	80	10.0	3.8	2.84	0	2.38	0.46
4828.0	0.44	89	11.0	5.5	2.84	0	2.28	0.43
4829.0	1.96	100	14.1	7.0	2.88	0	2.17	0.43
4830.0	1.03	100	12.7	5.2	2.87	0	2.03	0.43
4831.0	0.49	90	11.2	5.1	2.87	0	1.91	0.43
4832.0	0.33	70	10.5	4.7	2.86	0	1.80	0.41
4833.0	0.11	77	8.8	2.9	2.84	0	1.70	0.38
4834.0	0.09	79	8.4	2.4	2.84	0	1.61	0.36
4835.0	0.11	69	8.7	2.7	2.83	0	1.53	0.34
4836.0	0.13	61	9.0	2.4	2.84	0	1.44	0.31
4837.0	0.11	58	8.8	3.3	2.85	0	1.35	0.28
4838.0	0.03	67	7.1	2.3	2.83	0	1.26	0.24
4839.0	0.04	61	7.3	2.4	2.83	0	1.19	0.22
4840.0	0.10	88	8.6	2.9	2.85	0	1.12	0.19
4841.0	0.29	87	10.3	3.9	2.84	0	1.03	0.18
4842.0	0.64	71	11.7	4.9	2.85	0	0.92	0.17
4843.0	0.65	69	11.7	4.8	2.87	0	0.80	0.13
4844.0	0.52	68	11.3	4.4	2.89	0	0.69	0.09
4845.0	0.21	66	9.7	3.5	2.87	0	0.58	0.06
4846.0	0.00	92	5.0	0.5	2.85	0	0.49	0.03
4847.0	0.00	100	2.8	0.0	2.82	0	0.45	0.03
4848.0	0.01	100	5.7	2.1	2.84	0	0.41	0.03
4849.0	0.02	99	6.6	2.2	2.84	0	0.35	0.03
4850.0	0.04	91	7.2	2.7	2.83	0	0.28	0.02
4851.0	0.01	99	5.3	1.6	2.82	0	0.21	0.02
4852.0	0.00	83	3.3	0.9	2.83	0	0.16	0.02
4872.0	0.00	77	1.9	0.0	2.83	0	0.09	0.01
4873.0	0.00	60	2.8	0.6	2.83	0	0.06	0.01