
* CORIBAND *

* SCHLUMBERGER *

COMPANY PHILLIPS PETROLEUM CO.

WELL EVGSAU TRACT 3202 #003

FIELD EAST VACUUM

COUNTY LEA

STATE NEW MEXICO

DATE 23-JUL-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%]

DEPTH FEET	PERM. TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS	
							POR-FT	HC-FT
4007.0	0.00	100	3.3	0.0	2.79	0	34.52	15.99
4116.0	0.00	99	2.5	0.0	2.77	5	34.30	15.98
4117.0	0.00	84	3.2	0.0	2.76	6	34.27	15.98
4118.0	0.00	100	3.4	0.0	2.77	0	34.24	15.98
4160.0	0.00	100	2.9	0.0	2.85	0	34.17	15.98
4161.0	0.00	100	3.0	0.0	2.86	0	34.14	15.98
4162.0	0.00	100	3.8	0.0	2.85	0	34.11	15.98
4163.0	0.00	100	2.8	0.0	2.85	0	34.07	15.98
4169.0	0.00	100	2.3	0.0	2.72	0	33.99	15.98
4170.0	0.00	100	3.5	0.0	2.74	0	33.96	15.98
4171.0	0.00	100	3.5	0.0	2.73	1	33.93	15.98
4172.0	0.00	100	3.0	0.0	2.74	6	33.90	15.98
4173.0	0.00	100	2.9	0.0	2.77	5	33.87	15.98
4174.0	0.00	100	2.8	0.0	2.79	1	33.84	15.98
4205.0	0.00	100	2.2	0.0	2.76	0	33.76	15.98
4206.0	0.00	100	2.7	0.0	2.77	0	33.73	15.98
4211.0	0.00	100	2.0	0.0	2.75	0	33.67	15.98
4212.0	0.00	100	2.3	0.0	2.73	4	33.65	15.98
4213.0	0.00	75	4.4	0.0	2.70	3	33.62	15.98
4214.0	0.00	78	4.9	0.0	2.71	5	33.57	15.97
4215.0	0.00	100	3.7	0.0	2.71	8	33.53	15.96
4216.0	0.00	100	3.0	0.0	2.72	5	33.49	15.96
4217.0	0.00	100	3.0	0.0	2.77	0	33.46	15.96
4228.0	0.00	100	2.5	0.0	2.74	0	33.40	15.96
4229.0	0.00	99	3.2	0.0	2.75	0	33.37	15.96
4230.0	0.00	100	3.1	0.0	2.78	0	33.34	15.96
4245.0	0.00	100	2.2	0.0	2.79	0	33.29	15.96
4246.0	0.00	100	3.4	0.0	2.78	0	33.26	15.96
4247.0	0.00	100	3.1	0.0	2.77	0	33.23	15.96
4248.0	0.00	100	3.6	0.0	2.75	0	33.20	15.96
4249.0	0.00	99	2.8	0.0	2.74	7	33.16	15.96
4250.0	0.00	100	2.5	0.0	2.77	5	33.14	15.96
4251.0	0.00	100	2.8	0.0	2.82	0	33.11	15.96
4252.0	0.00	100	2.0	0.0	2.84	0	33.08	15.96
4266.0	0.00	100	2.3	0.0	2.75	1	33.01	15.96
4281.0	0.00	100	2.3	0.0	2.77	0	32.93	15.96
4282.0	0.00	100	2.4	0.0	2.78	0	32.91	15.96
4283.0	0.00	100	2.7	0.0	2.79	0	32.88	15.96

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL SEC. % %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS POR-FT HC-FT	
4284.0	0.00	100	2.4 0.0	2.83	0	32.86	15.96
4300.0	0.00	100	2.2 0.0	2.84	0	32.81	15.96
4319.0	0.00	100	2.6 0.0	2.76	0	32.74	15.96
4320.0	0.00	100	2.1 0.0	2.72	6	32.71	15.96
4332.0	0.00	99	2.1 0.0	2.81	0	32.67	15.96
4333.0	0.00	100	2.6 0.0	2.81	0	32.64	15.96
4334.0	0.00	100	3.6 0.0	2.79	0	32.61	15.96
4335.0	0.00	100	4.3 0.0	2.76	0	32.58	15.96
4336.0	0.00	100	4.4 0.0	2.75	0	32.53	15.96
4337.0	0.00	100	3.0 0.0	2.74	8	32.49	15.96
4338.0	0.00	100	3.2 0.0	2.75	4	32.46	15.96
4339.0	0.00	99	3.2 0.0	2.76	1	32.43	15.96
4340.0	0.00	100	3.5 0.0	2.76	0	32.40	15.96
4341.0	0.00	100	3.2 0.0	2.78	5	32.36	15.96
4342.0	0.00	100	3.0 0.0	2.79	5	32.33	15.96
4343.0	0.00	100	2.5 0.0	2.81	0	32.30	15.96
4351.0	0.00	100	3.1 0.0	2.76	8	32.19	15.96
4352.0	0.00	100	2.7 0.0	2.70	16	32.17	15.96
4353.0	0.00	84	3.7 0.0	2.76	12	32.14	15.96
4354.0	0.00	100	3.4 0.0	2.81	3	32.11	15.96
4355.0	0.00	100	2.7 0.0	2.84	0	32.08	15.96
4366.0	0.01	20	4.3 0.0	2.85	0	31.99	15.94
4367.0	0.00	25	3.2 0.0	2.84	0	31.94	15.90
4374.0	0.00	32	2.1 0.0	2.82	0	31.91	15.89
4375.0	0.03	17	5.0 0.0	2.82	0	31.88	15.87
4376.0	0.01	16	4.2 0.0	2.84	0	31.83	15.82
4401.0	0.00	21	2.2 0.0	2.88	0	31.75	15.80
4402.0	0.07	13	5.3 0.7	2.86	0	31.72	15.77
4403.0	0.07	16	5.6 1.7	2.82	0	31.66	15.72
4411.0	1.03	12	7.9 2.3	2.78	0	31.57	15.66
4412.0	7.18	8	10.2 3.4	2.79	0	31.48	15.58
4413.0	3.19	8	8.9 1.2	2.81	0	31.38	15.49
4414.0	0.30	10	6.2 0.0	2.81	0	31.29	15.41
4415.0	0.00	16	2.6 0.0	2.81	0	31.24	15.37
4416.0	0.24	8	5.8 0.0	2.81	0	31.21	15.34
4417.0	7.43	7	10.3 0.7	2.82	0	31.14	15.28
4418.0	9.88	7	10.8 2.9	2.83	0	31.03	15.18
4419.0	0.00	16	3.1 0.0	2.82	0	30.94	15.09
4422.0	0.00	15	2.0 0.0	2.83	0	30.91	15.07

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS	
							POR-FT	HC-FT
4427.0	0.25	10	5.8	0.0	2.84	0	30.85	15.03
4428.0	0.81	6	7.1	0.4	2.82	0	30.78	14.97
4429.0	0.02	8	4.0	0.0	2.81	0	30.72	14.91
4430.0	0.01	10	3.2	0.0	2.79	0	30.68	14.88
4431.0	0.00	15	2.0	0.0	2.82	0	30.65	14.85
4433.0	0.00	12	3.2	0.0	2.83	0	30.61	14.82
4434.0	0.08	9	4.8	0.0	2.83	0	30.57	14.78
4435.0	0.01	12	3.6	0.0	2.84	0	30.53	14.74
4436.0	0.00	13	3.2	0.0	2.84	0	30.50	14.71
4437.0	0.00	14	3.0	0.0	2.83	0	30.46	14.69
4438.0	0.00	15	2.7	0.0	2.84	0	30.43	14.66
4439.0	0.06	11	4.9	0.0	2.84	0	30.40	14.64
4440.0	0.21	10	5.7	0.4	2.84	0	30.35	14.59
4441.0	0.01	12	3.7	0.0	2.80	0	30.30	14.54
4442.0	0.78	7	7.1	1.2	2.82	0	30.26	14.51
4443.0	2.31	6	8.5	1.0	2.83	0	30.18	14.43
4444.0	0.25	7	5.9	0.0	2.81	0	30.10	14.36
4445.0	1.13	7	7.5	1.5	2.83	0	30.04	14.30
4446.0	0.01	12	3.5	0.0	2.83	0	29.97	14.24
4448.0	0.00	15	1.9	0.0	2.83	0	29.93	14.21
4449.0	0.00	13	2.4	0.0	2.84	0	29.91	14.19
4450.0	0.01	9	3.4	0.0	2.81	0	29.88	14.16
4451.0	0.01	9	3.2	0.0	2.82	0	29.85	14.13
4452.0	0.00	15	2.1	0.0	2.87	0	29.82	14.11
4453.0	0.00	18	2.4	0.0	2.87	0	29.80	14.09
4454.0	0.01	13	3.8	0.0	2.86	0	29.77	14.07
4455.0	0.01	14	4.2	0.0	2.86	0	29.73	14.03
4456.0	0.05	13	4.9	0.0	2.85	0	29.69	14.00
4457.0	0.29	10	6.0	0.6	2.85	0	29.64	13.95
4458.0	0.34	10	6.2	1.1	2.85	0	29.58	13.90
4459.0	0.51	9	6.6	1.0	2.84	0	29.51	13.84
4460.0	0.85	10	7.2	1.5	2.86	0	29.44	13.78
4461.0	0.04	13	4.8	0.0	2.85	0	29.38	13.72
4462.0	0.05	10	4.5	1.1	2.85	0	29.33	13.68
4463.0	0.18	8	5.5	1.2	2.84	0	29.28	13.64
4464.0	0.78	9	7.1	2.3	2.87	0	29.22	13.58
4465.0	0.12	11	5.4	0.8	2.84	0	29.15	13.52
4466.0	0.15	9	5.4	1.4	2.84	0	29.10	13.47
4467.0	0.02	12	4.2	0.5	2.84	0	29.05	13.42
4468.0	0.01	13	3.7	0.0	2.83	0	29.01	13.39
4469.0	0.00	19	2.7	0.0	2.84	0	28.97	13.36
4476.0	0.01	20	4.6	1.1	2.82	0	28.94	13.34
4477.0	1.01	13	8.1	2.3	2.84	0	28.88	13.29
4478.0	0.73	13	7.7	1.8	2.86	0	28.80	13.22

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS	
							POR-FT	HC-FT
4479.0	0.00	25	3.8	0.0	2.88	0	28.73	13.16
4480.0	0.00	33	2.9	0.0	2.87	0	28.70	13.14
4481.0	0.00	29	3.4	0.0	2.85	0	28.67	13.12
4482.0	0.00	42	3.2	0.0	2.85	0	28.63	13.10
4483.0	0.00	57	3.3	0.0	2.85	0	28.61	13.08
4484.0	0.05	31	6.7	0.0	2.86	0	28.57	13.06
4485.0	0.21	23	7.6	1.0	2.83	0	28.49	13.01
4486.0	0.92	14	8.3	2.7	2.86	0	28.42	12.95
4487.0	3.54	14	10.2	3.4	2.90	0	28.33	12.87
4488.0	0.17	17	6.7	1.5	2.86	0	28.23	12.79
4489.0	0.00	16	3.5	0.0	2.85	0	28.18	12.75
4490.0	0.01	16	3.8	0.2	2.84	0	28.14	12.72
4491.0	0.00	26	2.9	0.0	2.83	0	28.11	12.69
4492.0	0.00	60	2.6	0.0	2.85	0	28.08	12.67
4493.0	0.00	100	2.0	0.0	2.85	0	28.05	12.66
4514.0	0.00	21	3.4	0.0	2.83	0	27.95	12.65
4515.0	0.03	17	5.0	0.0	2.85	0	27.91	12.61
4516.0	0.00	30	3.6	0.0	2.86	0	27.87	12.57
4517.0	0.01	22	4.3	0.0	2.84	0	27.83	12.55
4518.0	0.68	13	7.6	0.6	2.84	0	27.78	12.51
4519.0	4.86	10	9.9	2.7	2.84	0	27.70	12.44
4520.0	6.38	9	10.0	3.3	2.86	0	27.60	12.35
4521.0	3.81	9	9.2	2.5	2.83	0	27.49	12.25
4522.0	0.61	8	6.8	0.6	2.84	0	27.41	12.18
4523.0	0.06	12	5.0	0.6	2.83	0	27.35	12.12
4524.0	0.00	18	3.7	0.5	2.82	0	27.30	12.08
4525.0	0.00	24	3.5	0.5	2.82	0	27.26	12.05
4526.0	0.05	17	5.3	1.0	2.83	0	27.23	12.02
4527.0	0.35	15	7.1	1.2	2.85	0	27.17	11.97
4528.0	0.08	15	5.7	0.0	2.84	0	27.10	11.91
4529.0	0.03	11	4.2	0.0	2.84	0	27.05	11.87
4530.0	0.00	15	2.8	0.0	2.86	0	27.01	11.83
4534.0	0.00	26	2.5	0.0	2.86	0	26.94	11.80
4535.0	0.01	17	3.8	0.4	2.85	0	26.91	11.77
4536.0	0.01	14	3.8	0.0	2.84	0	26.87	11.74
4548.0	0.00	100	3.3	0.0	2.77	6	26.81	11.71
4549.0	0.00	100	2.1	0.0	2.81	18	26.78	11.71
4550.0	0.00	100	3.1	0.0	2.83	0	26.75	11.71
4552.0	0.00	100	2.6	0.0	2.85	0	26.71	11.71
4553.0	0.00	100	2.3	0.0	2.85	0	26.69	11.71
4561.0	0.00	100	2.1	0.0	2.82	0	26.64	11.71
4562.0	0.00	100	3.2	0.0	2.85	0	26.61	11.71
4563.0	0.00	100	4.4	0.2	2.89	1	26.58	11.71



1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for ensuring transparency and accountability in financial management. This section also highlights the role of technology in streamlining record-keeping processes and reducing the risk of errors.

2. The second part of the document focuses on the importance of regular communication and collaboration between all stakeholders involved in the project. It stresses that open communication is key to identifying potential issues early on and finding effective solutions. This section also discusses the benefits of holding regular meetings and updates to keep everyone informed and aligned.

3. The third part of the document addresses the importance of setting clear goals and objectives from the outset. It explains that having well-defined goals helps to guide the project and ensures that all team members are working towards the same purpose. This section also discusses the importance of monitoring progress and making adjustments as needed to stay on track.

4. The fourth part of the document discusses the importance of maintaining a positive and collaborative team environment. It emphasizes that a supportive and motivated team is essential for the success of any project. This section also discusses the importance of recognizing and rewarding team members for their contributions and efforts.

5. The fifth part of the document discusses the importance of staying organized and managing time effectively. It explains that proper time management is crucial for meeting deadlines and ensuring that all tasks are completed on time. This section also discusses the importance of prioritizing tasks and delegating responsibilities to team members.

6. The sixth part of the document discusses the importance of being flexible and adaptable in the face of change. It explains that projects often encounter unexpected challenges and changes, and it is important to be able to respond quickly and effectively to these changes. This section also discusses the importance of maintaining a positive attitude and staying motivated throughout the project.

7. The seventh part of the document discusses the importance of being transparent and honest in all communications. It emphasizes that transparency is essential for building trust and ensuring that all stakeholders are aware of the project's status and any potential risks. This section also discusses the importance of providing regular updates and being open to feedback from all parties involved.

8. The eighth part of the document discusses the importance of being proactive and taking initiative. It explains that being proactive helps to identify potential issues before they become major problems and allows for more effective problem-solving. This section also discusses the importance of taking ownership of tasks and being responsible for their completion.

9. The ninth part of the document discusses the importance of being patient and persistent in the face of challenges. It explains that projects often take time to complete and may encounter setbacks along the way. It is important to remain patient and persistent, and to continue working towards the goal despite any obstacles.

10. The tenth part of the document discusses the importance of being grateful and appreciative of all those who have contributed to the project's success. It emphasizes that expressing gratitude helps to build strong relationships and encourages continued support and collaboration. This section also discusses the importance of reflecting on the project's achievements and lessons learned.

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS	
							POR-FT	HC-FT
4564.0	0.00	100	1.9	0.0	2.88	0	26.54	11.71
4590.0	0.00	35	3.6	0.0	2.84	0	26.45	11.71
4591.0	1.84	16	9.7	1.0	2.80	0	26.40	11.67
4592.0	0.92	18	9.0	2.1	2.80	0	26.30	11.59
4593.0	0.03	26	5.6	0.7	2.81	0	26.22	11.52
4594.0	0.10	24	6.8	0.6	2.81	0	26.17	11.48
4595.0	2.68	32	12.8	2.5	2.86	0	26.09	11.42
4596.0	1.71	39	12.7	3.2	2.89	0	25.95	11.33
4597.0	0.72	35	10.7	2.4	2.87	0	25.84	11.27
4598.0	4.53	24	12.8	4.2	2.91	0	25.72	11.18
4599.0	1.11	23	10.0	3.3	2.86	0	25.59	11.09
4600.0	1.41	21	10.0	3.3	2.87	0	25.49	11.01
4601.0	1.43	26	10.9	3.6	2.89	0	25.39	10.93
4602.0	0.17	40	8.8	1.8	2.86	0	25.29	10.86
4603.0	1.52	32	11.7	3.9	2.89	0	25.20	10.81
4604.0	2.53	31	12.7	3.5	2.88	0	25.07	10.72
4605.0	1.03	33	11.0	2.6	2.87	0	24.95	10.64
4606.0	7.49	28	14.7	4.7	2.88	0	24.83	10.56
4607.0	11.91	31	16.3	3.7	2.88	0	24.68	10.45
4608.0	13.88	31	16.7	3.9	2.90	0	24.51	10.34
4609.0	3.95	33	13.9	2.5	2.90	0	24.35	10.22
4610.0	0.02	51	6.6	0.2	2.85	0	24.23	10.15
4611.0	0.07	34	7.1	0.7	2.88	0	24.17	10.11
4612.0	0.08	36	7.4	1.4	2.86	0	24.09	10.07
4613.0	0.19	36	8.6	2.0	2.84	0	24.02	10.02
4614.0	1.78	33	12.1	3.4	2.86	0	23.92	9.96
4615.0	1.45	46	13.1	4.1	2.87	0	23.80	9.88
4616.0	1.19	53	13.0	4.3	2.88	0	23.67	9.81
4617.0	0.67	46	11.5	3.8	2.88	0	23.54	9.75
4618.0	0.36	31	9.1	2.5	2.85	0	23.43	9.69
4619.0	0.00	30	3.9	0.0	2.81	0	23.35	9.63
4624.0	0.14	34	8.0	1.7	2.82	0	23.28	9.60
4625.0	0.08	37	7.5	1.4	2.83	0	23.19	9.55
4626.0	0.00	42	4.5	0.0	2.84	0	23.13	9.50
4627.0	0.00	69	2.8	0.0	2.81	0	23.08	9.48
4628.0	0.00	68	4.9	0.0	2.81	0	23.05	9.47
4629.0	0.16	59	9.2	0.0	2.86	0	22.99	9.45
4630.0	5.29	43	15.9	3.4	2.95	0	22.89	9.40
4631.0	2.28	48	14.3	1.2	2.89	0	22.72	9.31
4632.0	0.09	50	8.4	0.0	2.82	0	22.60	9.25
4633.0	3.19	20	11.4	2.6	2.85	0	22.51	9.20
4634.0	1.24	25	10.5	1.9	2.86	0	22.40	9.11
4635.0	0.10	38	7.9	0.0	2.88	0	22.30	9.04
4636.0	0.06	37	7.1	0.4	2.86	0	22.22	8.99
4637.0	0.10	23	6.6	2.2	2.85	0	22.15	8.95
4638.0	0.03	29	6.0	1.8	2.83	0	22.09	8.90

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS	
							POR-FT	HC-FT
4639.0	0.03	34	6.1	1.6	2.83	0	22.03	8.86
4640.0	0.02	52	6.4	0.8	2.87	0	21.97	8.82
4641.0	0.02	56	6.8	0.9	2.88	0	21.90	8.79
4642.0	0.03	57	6.9	1.0	2.86	0	21.83	8.76
4643.0	0.06	48	7.8	2.0	2.87	0	21.76	8.72
4644.0	0.05	48	7.6	1.7	2.86	0	21.68	8.68
4645.0	0.02	47	6.3	0.0	2.87	0	21.61	8.64
4646.0	0.07	37	7.4	0.0	2.88	0	21.55	8.61
4647.0	0.57	32	10.0	2.1	2.90	0	21.47	8.56
4648.0	0.87	40	11.4	3.6	2.89	0	21.36	8.49
4649.0	0.73	44	11.5	3.8	2.88	0	21.25	8.42
4650.0	0.15	42	8.7	2.0	2.87	0	21.14	8.37
4651.0	0.00	64	2.6	0.0	2.85	0	21.07	8.33
4655.0	0.00	99	3.4	0.0	2.85	0	21.02	8.32
4656.0	0.00	63	5.0	0.0	2.84	0	20.98	8.31
4657.0	0.00	100	1.9	0.0	2.83	0	20.94	8.30
4660.0	0.01	47	5.2	0.0	2.88	0	20.89	8.30
4661.0	0.02	27	5.3	0.0	2.87	0	20.83	8.27
4662.0	0.00	33	4.3	0.0	2.85	0	20.78	8.23
4663.0	0.13	24	7.1	1.6	2.88	0	20.73	8.20
4664.0	0.30	20	7.7	2.5	2.88	0	20.66	8.14
4665.0	0.61	15	7.9	2.6	2.83	0	20.58	8.08
4666.0	5.29	13	10.9	3.6	2.88	0	20.49	8.00
4667.0	3.19	14	10.0	3.3	2.89	0	20.39	7.91
4668.0	0.03	24	5.6	1.8	2.86	0	20.30	7.84
4669.0	0.00	45	3.7	1.2	2.89	0	20.25	7.80
4670.0	0.00	42	4.1	1.4	2.90	0	20.21	7.78
4671.0	0.03	25	5.6	1.8	2.86	0	20.16	7.75
4672.0	0.21	21	7.4	1.9	2.85	0	20.10	7.70
4673.0	0.04	28	6.2	0.0	2.87	0	20.03	7.65
4674.0	0.01	32	5.2	0.0	2.86	0	19.97	7.61
4675.0	0.00	72	2.9	0.0	2.82	0	19.93	7.58
4676.0	0.00	75	3.5	0.0	2.89	0	19.90	7.57
4677.0	0.00	54	4.4	0.0	2.90	0	19.86	7.56
4678.0	0.02	40	6.3	1.0	2.84	0	19.81	7.54
4679.0	2.38	30	12.3	4.1	2.85	0	19.74	7.49
4680.0	39.77	23	18.1	4.9	2.88	0	19.59	7.38
4681.0	15.74	33	17.4	1.9	2.86	0	19.41	7.25
4682.0	20.23	35	18.6	3.8	2.87	0	19.23	7.13
4683.0	20.99	34	18.4	5.6	2.84	0	19.05	7.01
4684.0	48.71	35	21.4	6.8	2.91	0	18.86	6.89
4685.0	8.21	50	17.9	3.0	2.87	0	18.65	6.76
4686.0	9.77	46	17.9	4.7	2.89	0	18.47	6.67
4687.0	9.31	48	18.0	5.2	2.89	0	18.29	6.57
4688.0	3.29	58	15.4	2.7	2.86	0	18.11	6.48
4689.0	7.30	52	17.5	4.5	2.90	0	17.95	6.41

DEPTH FEET	PERM.TU OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS	
							POR-FT	HC-FT
4690.0	12.74	52	19.3	5.6	2.88	0	17.77	6.32
4691.0	9.61	53	18.4	5.1	2.88	0	17.58	6.23
4692.0	8.53	60	18.0	4.5	2.89	0	17.40	6.15
4693.0	7.99	67	17.8	3.5	2.87	0	17.22	6.08
4694.0	11.64	64	19.0	4.1	2.86	0	17.03	6.02
4695.0	19.96	68	20.8	3.9	2.89	0	16.84	5.95
4696.0	59.42	56	24.9	7.7	2.95	0	16.62	5.87
4697.0	10.54	63	18.7	3.6	2.91	0	16.38	5.77
4698.0	0.93	62	12.4	1.6	2.87	0	16.21	5.71
4699.0	0.93	48	12.3	4.1	2.89	0	16.08	5.66
4700.0	0.58	54	11.5	2.7	2.88	0	15.97	5.60
4701.0	1.64	52	13.7	3.2	2.89	0	15.85	5.54
4702.0	10.65	57	18.7	5.8	2.90	0	15.69	5.47
4703.0	7.54	63	17.6	4.7	2.92	0	15.51	5.40
4704.0	9.76	46	18.0	4.8	2.91	0	15.33	5.32
4705.0	7.36	42	16.6	5.2	2.90	0	15.15	5.22
4706.0	1.97	34	12.5	2.5	2.87	0	15.00	5.13
4707.0	0.24	36	9.0	3.0	2.87	0	14.88	5.06
4708.0	0.03	34	6.0	2.0	2.86	0	14.80	5.01
4709.0	0.00	100	2.1	0.0	2.86	0	14.75	4.98
4711.0	0.00	100	3.4	0.0	2.81	0	14.72	4.98
4712.0	0.05	70	7.8	0.1	2.87	0	14.68	4.98
4713.0	0.01	66	6.0	0.0	2.87	0	14.60	4.95
4718.0	0.00	100	3.6	0.0	2.85	0	14.50	4.94
4719.0	0.07	71	8.0	1.1	2.88	0	14.45	4.94
4720.0	2.19	57	14.4	4.3	2.88	0	14.35	4.91
4721.0	2.61	59	14.8	4.0	2.87	0	14.21	4.85
4722.0	2.82	60	15.0	4.5	2.86	0	14.06	4.79
4723.0	4.11	66	15.9	4.3	2.87	0	13.91	4.73
4724.0	4.10	73	15.9	4.4	2.88	0	13.75	4.68
4725.0	3.84	77	15.8	3.8	2.89	0	13.59	4.64
4726.0	6.86	71	17.4	5.0	2.92	0	13.44	4.61
4727.0	4.40	70	16.1	3.9	2.90	0	13.26	4.56
4728.0	2.31	66	14.5	4.4	2.84	0	13.11	4.52
4729.0	3.76	65	15.7	5.2	2.89	0	12.97	4.47
4730.0	6.03	62	17.0	5.6	2.90	0	12.80	4.41
4731.0	4.18	65	16.0	4.5	2.87	0	12.63	4.35
4732.0	5.02	67	16.5	4.3	2.86	0	12.47	4.29
4733.0	6.47	64	17.2	4.7	2.89	0	12.31	4.24
4734.0	4.73	59	16.3	4.2	2.89	0	12.14	4.18
4735.0	3.23	52	15.3	5.1	2.89	0	11.98	4.11
4736.0	1.85	48	13.8	4.6	2.91	0	11.82	4.03
4737.0	1.44	47	13.2	4.2	2.89	0	11.69	3.96
4738.0	1.27	48	13.0	4.3	2.89	0	11.56	3.89
4739.0	1.75	56	13.8	4.6	2.89	0	11.43	3.83
4740.0	3.49	57	15.5	5.1	2.92	0	11.29	3.77

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS	
							POR-FT	HC-FT
4741.0	1.91	65	14.0	4.6	2.89	0	11.14	3.71
4742.0	1.45	60	13.4	4.4	2.90	0	11.00	3.67
4743.0	2.14	48	14.2	4.2	2.89	0	10.87	3.61
4744.0	2.13	53	14.3	3.5	2.89	0	10.72	3.53
4745.0	0.67	72	11.8	1.3	2.89	0	10.59	3.48
4746.0	0.55	73	11.4	0.6	2.88	0	10.48	3.45
4747.0	1.07	70	12.7	1.5	2.87	0	10.36	3.42
4748.0	3.81	60	15.7	4.6	2.89	0	10.23	3.38
4749.0	6.01	59	17.0	5.5	2.88	0	10.06	3.31
4750.0	6.98	60	17.4	5.2	2.89	0	9.89	3.24
4751.0	4.41	69	16.1	3.5	2.91	0	9.72	3.18
4752.0	3.29	70	15.4	3.1	2.91	0	9.57	3.14
4753.0	4.53	63	16.2	4.4	2.93	0	9.41	3.09
4754.0	4.07	63	15.9	4.8	2.90	0	9.25	3.02
4755.0	2.12	63	14.3	4.0	2.87	0	9.09	2.97
4756.0	1.81	62	13.9	3.6	2.86	0	8.95	2.92
4757.0	2.14	64	14.3	4.2	2.86	0	8.81	2.86
4758.0	0.98	71	12.6	3.9	2.90	0	8.67	2.82
4759.0	0.06	97	7.8	1.8	2.88	0	8.56	2.79
4760.0	0.03	85	7.0	1.3	2.89	0	8.48	2.79
4761.0	0.00	100	4.0	0.0	2.85	0	8.42	2.78
4762.0	0.03	91	7.1	2.3	2.85	0	8.37	2.78
4763.0	0.47	74	11.1	3.7	2.89	0	8.30	2.78
4764.0	0.89	68	12.3	4.1	2.88	0	8.18	2.74
4765.0	0.80	64	12.1	4.0	2.87	0	8.06	2.70
4766.0	1.30	58	13.2	4.3	2.91	0	7.93	2.65
4767.0	2.10	55	14.3	4.7	2.91	0	7.80	2.60
4768.0	2.95	51	15.1	5.0	2.90	0	7.65	2.53
4769.0	2.58	48	14.7	4.8	2.90	0	7.50	2.46
4770.0	2.17	48	14.2	4.5	2.90	0	7.36	2.39
4771.0	1.65	48	13.6	4.2	2.89	0	7.22	2.32
4772.0	1.73	45	13.4	4.4	2.89	0	7.08	2.25
4773.0	0.91	53	12.4	4.0	2.89	0	6.95	2.18
4774.0	0.19	71	9.5	2.1	2.86	0	6.84	2.13
4775.0	0.35	62	10.6	2.9	2.86	0	6.74	2.10
4776.0	0.77	59	12.1	3.7	2.87	0	6.63	2.06
4777.0	0.85	62	12.3	3.3	2.85	0	6.51	2.01
4778.0	1.75	53	13.8	4.6	2.87	0	6.38	1.96
4779.0	1.95	47	13.8	4.6	2.89	0	6.24	1.89
4780.0	0.99	49	12.6	3.3	2.88	0	6.11	1.82
4781.0	1.77	45	13.4	4.4	2.89	0	5.98	1.75
4782.0	1.08	52	12.8	4.2	2.86	0	5.85	1.68
4783.0	1.09	51	12.8	4.2	2.88	0	5.72	1.62
4784.0	1.32	54	13.2	4.4	2.90	0	5.59	1.56
4785.0	0.89	59	12.4	3.7	2.89	0	5.46	1.50
4786.0	0.40	61	10.8	2.3	2.85	0	5.34	1.46
4787.0	0.53	49	11.3	3.0	2.89	0	5.23	1.41
4788.0	0.18	72	9.4	2.3	2.86	0	5.12	1.36

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS	
							POR-FT	HC-FT
4789.0	0.13	78	8.9	2.4	2.85	0	5.03	1.34
4790.0	0.15	52	9.2	2.2	2.90	0	4.94	1.31
4791.0	0.02	74	6.6	0.7	2.88	0	4.85	1.27
4792.0	0.03	56	7.0	1.4	2.88	0	4.78	1.25
4793.0	0.00	100	4.1	0.0	2.85	0	4.72	1.23
4794.0	0.00	94	4.2	0.9	2.85	0	4.68	1.23
4795.0	0.05	44	7.3	2.1	2.88	0	4.63	1.21
4796.0	0.01	81	5.6	0.5	2.85	0	4.56	1.17
4797.0	0.01	72	5.7	1.4	2.85	0	4.51	1.17
4798.0	0.00	99	4.4	0.7	2.84	0	4.45	1.15
4799.0	0.00	100	3.2	0.2	2.85	0	4.41	1.15
4800.0	0.00	100	2.3	0.0	2.85	0	4.38	1.15
4801.0	0.03	100	7.0	0.0	2.85	0	4.35	1.15
4802.0	1.08	98	12.8	2.7	2.89	0	4.27	1.15
4803.0	1.46	97	13.4	4.2	2.90	0	4.13	1.15
4804.0	0.61	93	11.6	2.6	2.87	0	4.00	1.14
4805.0	0.50	91	11.2	2.8	2.87	0	3.89	1.13
4806.0	0.80	74	12.1	4.0	2.88	0	3.77	1.11
4807.0	0.27	87	10.1	3.3	2.85	0	3.65	1.09
4808.0	0.07	78	8.1	2.7	2.85	0	3.56	1.08
4809.0	0.22	46	9.6	2.9	2.86	0	3.47	1.05
4810.0	0.40	48	10.7	3.5	2.87	0	3.37	1.00
4811.0	0.52	50	11.3	3.7	2.86	0	3.26	0.94
4812.0	0.97	55	12.5	4.1	2.89	0	3.15	0.88
4813.0	3.23	63	15.3	5.1	2.92	0	3.01	0.83
4814.0	1.45	75	13.4	4.4	2.87	0	2.87	0.78
4815.0	0.06	90	8.0	1.1	2.84	0	2.75	0.75
4816.0	0.02	54	6.6	1.0	2.87	0	2.67	0.73
4817.0	0.00	85	4.7	0.0	2.86	0	2.61	0.71
4818.0	0.00	80	4.2	0.5	2.85	0	2.56	0.70
4819.0	0.00	100	2.4	0.0	2.86	0	2.52	0.70
4820.0	0.00	99	3.5	0.0	2.88	0	2.50	0.70
4821.0	0.00	88	4.0	0.0	2.87	0	2.46	0.69
4822.0	0.00	96	3.2	0.0	2.87	0	2.42	0.69
4823.0	0.00	53	4.5	0.2	2.86	0	2.39	0.68
4824.0	0.01	42	5.1	0.5	2.87	0	2.34	0.66
4825.0	0.00	43	3.6	0.3	2.85	0	2.29	0.63
4828.0	0.00	67	5.0	0.7	2.86	0	2.24	0.62
4829.0	0.15	48	9.1	2.8	2.87	0	2.18	0.60
4830.0	0.16	52	9.3	2.7	2.86	0	2.09	0.55
4831.0	0.47	51	11.1	3.7	2.88	0	1.99	0.50
4832.0	0.60	54	11.6	3.3	2.86	0	1.87	0.45
4833.0	0.43	55	11.0	3.3	2.85	0	1.76	0.40
4834.0	0.55	52	11.4	3.6	2.85	0	1.65	0.35
4835.0	0.05	55	7.7	1.5	2.83	0	1.54	0.30
4836.0	0.00	97	4.8	0.5	2.83	0	1.47	0.27
4837.0	0.01	91	6.2	1.6	2.84	0	1.42	0.27

DEPTH FEET	PERM.TO OIL-GAS (INDEX)	WATER SAT. %	POROSITY TOTAL %	SEC. %	MATRIX DENSITY GM/CC	SHALE VOLUME %	CUMULATIVE INTEGRATIONS	
							POR-FT	HC-FT
4838.0	0.06	76	7.9	2.2	2.85	0	1.35	0.26
4839.0	0.07	88	8.1	1.8	2.83	0	1.28	0.25
4840.0	0.40	61	10.8	3.4	2.85	0	1.19	0.23
4841.0	0.32	66	10.4	3.3	2.82	0	1.08	0.19
4842.0	0.40	61	10.8	3.4	2.84	0	0.98	0.15
4843.0	0.11	85	8.7	1.1	2.86	0	0.88	0.12
4844.0	0.08	99	8.2	1.1	2.88	0	0.79	0.11
4845.0	0.02	99	6.5	1.5	2.85	0	0.71	0.11
4846.0	0.00	72	4.6	1.0	2.82	0	0.65	0.11
4847.0	0.00	60	4.8	1.6	2.81	0	0.60	0.09
4848.0	0.00	75	3.7	0.2	2.83	0	0.56	0.08
4849.0	0.00	54	4.9	1.3	2.85	0	0.52	0.07
4850.0	0.01	45	5.4	1.8	2.84	0	0.47	0.04
4851.0	0.00	61	3.7	1.2	2.85	0	0.42	0.02
4855.0	0.00	98	2.7	0.0	2.83	0	0.35	0.01
4868.0	0.00	86	2.4	0.2	2.87	0	0.29	0.01
4869.0	0.00	91	2.6	0.0	2.86	0	0.27	0.00
4870.0	0.00	99	2.3	0.0	2.86	0	0.24	0.00
4871.0	0.00	99	2.4	0.0	2.85	0	0.22	0.00
4874.0	0.00	100	1.9	0.0	2.87	0	0.17	0.00
4891.0	0.00	100	3.8	0.2	2.84	0	0.13	0.00
4892.0	0.01	100	5.3	1.6	2.84	0	0.09	0.00
4893.0	0.00	100	2.9	0.0	2.82	0	0.04	0.00