CARMEL ENERGY CORP CLINKENBEARD NO 18 ANDERSON CO KANSAS

DEPTH	SHALE VOLUME	EFFEC. POR.	SGXO	WATER SAT	PERM. INDEX
51	0.0	12.0	74.2	100.0	0.77
52	0.0	14.0	65.4	100.0	1.50
53	0.0	12.8	60.7	100.0	1.01
54	0.0	11.6	54.6	100.0	0.66
55	0.0	12.9	59.7	100.0	1.03
56	0.0	10.8	48.9	100.0	0.47
57	0.0	11.3	50.9	87.1	0.77
58	0.03	8.5	40.9	96.9	0.16
59	0.0	11.4	55.4	100.0	0.60
60	0.02	8.5	40.9	100.0	0.15
61	0.0	9.5	42.5	92.7	0.29
62	0.01	8.7	40.9	45.8	0.94
63	0.04	10.5	0.0	53.0	1.38
64	0.38	3.2	0.0	46.3	0.01
65	0.14	13.4	0.0	67.1	2.79
66	0.28	6.3	0.0	82.4	0.07
67	0.20	11.0	18.4	48.7	2.19
68	0.14	10.1	0.0	13.9	18.62
69	0.10	12.4	12.3	5.0	347.62
70	0.02	12.7	0.0	15.9	39.16
71	0.00	14.2	0.0	28.7	19.55
72	0.06	12.3	0.0	25.5	12.89
73	0.06	13.7	5.9	23.5	24.67
74	0.06	12.5	0.0	34.5	7.55
75	0.06	14.8	11.3	30.1	21.03
76	0.08	14.9	9.1	28.6	24.04
77	0.08	15.5	13.0	30.1	14.06
78	0.08	10.8	9.3	24.9	7.67
79	0.08	10.8	16.0	18.6	13.69
80	0.11	9.0	14.6	9.8	22.31
81	0.09	9.1	0.0	10.9	19.34
82	0.11	11.2	0.0	21.2	12.63
83	0.11	13.3	0.0	23.8	20.87
84	0.12	14.7	8.3	21.8	38.69
85	0.12	13.5	11.3	23.2	22.22
86	0.0	14.6	1.5	52.6	17.06
87	0.0	13.2	0.7	36.2	8.70
88	0.12	10.5	0.0	21.4	8.44
89	0.0	14.1	1.5	29.2	18.45
90	0.02	13.4	0.0	28.3	15.17
91	0.14	10.0	0.0	14.3	16.56
92	0.17	8.9	0.0	12.3	13.54
93	0.06	12.4	0.0	19.3	23.79
94	0.22	9.1	19.3	5.3	81.98

FROM 50 GRLL= 30. GRSH= 85. GRLIM= 77. NEU.SH POR.=.30
MATRIX= 2.68 FLUID= 1.0 SHALE= 2.50 GAS=0.05
RW=0.264 RMF=2.400 A=1.00 EXP=2.00 PRLIMIT=.500

CARMEL ENERGY CORP CLINKENBEARD NO 18 ANDERSON CO KANSAS

DEPTH	SHALE VOLUME	EFFEC. POR.	SGXO	WATER SAT	PERM. INDEX
95	0.26	6.1	32.0	8.9	4.81
96	0.31	5.3	40.3	18.7	0.58
97	0.23	8.3	40.9	47.7	0.67
98	0.16	9.5	0.0	40.0	1.72
99	0.02	13.2	0.0	29.1	13.66
100	0.31	5.7	40.9	11.3	2.24
101	0.31	5.9	0.0	45.1	0.17
102	0.66	1.0	0.0	100.0	0.01
103	0.67	7.6	0.0	97.8	0.12
104	0.63	7.9	0.0	100.0	0.12
105	0.60	8.4	0.0	100.0	0.16
106	0.34	12.8	0.0	100.0	1.01
107	0.55	7.0	0.0	99.3	0.07
108	0.31	15.4	0.0	73.4	4.20
109	0.43	10.9	0.0	89.4	0.64
110	0.45	11.3	0.0	96.0	0.64
111	0.48	10.2	0.0	100.0	0.37
112	0.45	11.5	0.0	91.5	0.75
113	0.05	23.2	0.0	66.9	30.70
114	0.32	17.3	15.5	59.8	10.67
115	0.0	25.9	0.9	58.1	46.76
116	0.31	15.9	31.5	63.2	6.50
117	0.0	25.6	0.8	59.0	42.74
118	0.33	16.6	21.2	57.6	9.50
119	0.35	14.9	19.1	60.8	5.34
120	0.40	11.7	36.2	65.2	1.60
121	0.0	23.2	0.8	60.8	37.56
122	0.00	24.2	0.0	61.6	43.61
123	0.59	8.2	0.0	84.7	0.19
124	0.27	16.4	0.0	86.6	4.06
125					
126					
127	0.68	3.2	0.0	84.3	0.00
128	0.70	4.0	0.0	79.0	0.01
129	0.68	8.6	0.0	89.3	0.22
130	0.22	26.2	0.0	73.1	43.86
131	0.40	24.2	40.9	82.6	24.39
132	0.43	15.7	40.9	100.0	1.38
133	0.42	9.4	40.9	100.0	0.26
134					
135					
136					
137	0.23	4.4	40.9	47.5	0.04
138	0.02	8.8	0.0	96.5	0.21
139	0.39	1.0	0.0	100.0	0.01

FROM 50 GRCL= 30. GRSH= 83. GRLIM= 77. NEU.SH POR.=.30
MATRIX= 2.68 FLUID= 1.0 SHALE= 2.30 GAS=0.05
RW=0.284 RMF=2.400 A=1.00 EXP=2.00 PRLIMIT=.500

CARMEL ENERGY CORP CLINKENBEARD NO 18 ANDERSON CO KANSAS

DEPTH	SHALE VOLUME	EFFEC. POR.	SGXO	WATER SAT	PERM. INDEX
140	0.26	3.9	40.9	56.9	0.02
141	0.06	7.1	0.0	63.7	0.19
142	0.17	5.3	40.9	20.0	0.54
143	0.20	5.7	40.9	17.0	1.00
144	0.71	1.0	0.0	100.0	0.01
145	0.72	2.1	0.0	63.1	0.00
146					
147					
148					
149	0.72	4.5	0.0	100.0	0.01
150	0.72	5.5	0.0	100.0	0.03
151	0.72	4.4	0.0	100.0	0.01
152	0.72	4.4	0.0	100.0	0.01
153	0.72	4.5	0.0	100.0	0.01
154	0.71	3.0	0.0	100.0	0.00
155	0.71	4.4	0.0	100.0	0.01
156	0.71	3.9	0.0	100.0	0.01
157	0.73	4.7	0.0	97.3	0.01
158	0.74	4.2	0.0	100.0	0.01
159	0.75	4.5	0.0	100.0	0.01
160	0.75	5.4	0.0	100.0	0.02
161	0.75	3.6	0.0	100.0	0.00
162	0.75	3.9	0.0	100.0	0.01
163	0.73	3.5	0.0	100.0	0.00
164	0.73	3.2	0.0	100.0	0.00
165	0.73	3.8	0.0	100.0	0.00
166	0.75	3.3	0.0	100.0	0.00
167	0.75	2.6	0.0	100.0	0.00
168	0.75	3.1	0.0	100.0	0.00
169	0.75	3.5	0.0	100.0	0.00
170	0.75	3.9	0.0	100.0	0.01
171	0.75	2.0	0.0	100.0	0.00
172	0.75	4.2	0.0	100.0	0.01
173	0.74	2.6	0.0	100.0	0.00
174	0.74	1.7	0.0	100.0	0.00
175	0.69	1.1	0.0	100.0	0.00
176	0.10	15.2	0.0	100.0	2.13
177	0.19	15.2	0.0	76.5	3.71
178	0.27	14.5	0.0	82.8	2.57
179	0.75	1.4	0.0	87.0	0.00
180	0.76	2.4	0.0	100.0	0.00
181	0.74	1.5	0.0	100.0	0.00
182	0.74	1.0	0.0	100.0	0.01
183	0.76	1.0	0.0	100.0	0.01
184	0.76	1.0	0.0	100.0	0.01

FROM 50 GRCL= 30. GRSH= 85. GRLIM= 77. NEU.SH POR.=.30
MATRIX= 2.68 FLUID= 1.0 SHALE= 2.30 GAS=0.05
RW=0.284 RMF=2.400 A=1.00 EXP=2.00 PRLIMIT=.500

CARMEL ENERGY CORP CLINKENBEARD NO 18 ANDERSON CO KANSAS

DEPTH	SHALE VOLUME	EFFEC. POR.	SGXO	WATER SAT	PERM. INDEX
185	0.68	2.6	0.0	100.0	0.00
186	0.66	1.4	0.0	100.0	0.00
187	0.64	1.0	0.0	100.0	0.01
188	0.75	1.0	0.0	100.0	0.01
189	0.26	6.7	0.0	100.0	0.06
190	0.25	3.8	40.9	100.0	0.00
191	0.49	1.0	0.0	100.0	0.01
192	0.31	5.6	40.9	76.0	0.04
193	0.27	4.7	40.9	81.6	0.02
194	0.14	8.1	40.9	90.7	0.16
195	0.15	4.6	40.9	100.0	0.01
196	0.19	7.5	40.9	56.2	0.30
197	0.28	4.9	40.9	55.3	0.05
198	0.08	8.0	40.9	89.2	0.16
199	0.09	5.7	0.0	100.0	0.03
200	0.53	1.0	0.0	100.0	0.01
201	0.25	4.2	40.9	90.6	0.01
202	0.27	4.8	40.9	100.0	0.01
203	0.03	12.5	0.0	68.5	1.97
204	0.22	9.8	0.0	81.2	0.47
205	0.0	16.1	2.7	75.5	8.20
206	0.22	12.5	0.0	88.7	1.15
207	0.32	10.9	25.6	89.5	0.63
208	0.38	8.0	34.3	95.0	0.14
209	0.38	6.5	40.9	100.0	0.05
210	0.35	5.5	40.9	100.0	0.02
211	0.48	1.0	0.0	100.0	0.01
212	0.32	5.8	0.0	100.0	0.03
213	0.25	10.6	0.0	100.0	0.44
214	0.10	17.4	0.0	100.0	3.91
215	0.22	16.1	14.8	100.0	2.76
216	0.11	17.0	0.0	100.0	3.57
217	0.21	15.0	11.7	100.0	2.03
218	0.21	14.5	20.0	100.0	1.74
219	0.21	12.3	16.4	100.0	0.86
220	0.22	11.9	25.6	92.0	0.88
221	0.0	15.0	0.1	91.3	2.43
222	0.22	12.2	33.4	92.0	0.97
223	0.23	10.4	0.0	100.0	0.41
224	0.26	11.4	16.3	100.0	0.61
225	0.28	11.1	28.9	89.3	0.67
226	0.32	8.7	38.0	96.6	0.20
227	0.35	6.8	40.9	91.9	0.07
228	0.33	7.1	0.0	90.6	0.09
229	0.0	17.8	1.5	75.7	7.52

FROM 50 GRCL= 50. GRSH= 85. GRLIM= 77. NEU.SH POR.=.30
MATRIX= 2.68 FLUID= 1.0 SHALE= 2.30 GAS=0.05
RW=0.284 RMF=2.400 A=1.00 EXP=2.00 PRLIMIT=.500

CARMEL ENERGY CORP CLINKENBEARD NO 18 ANDERSON CO KANSAS

DEPTH	SHALE VOLUME	EFFEC. POR.	SGXO	WATER SAT	PERM. INDEX
230	0.0	16.5	0.6	79.3	4.87
231	0.24	9.6	0.0	76.9	0.47
232	0.26	10.0	0.0	83.4	0.48
233	0.29	9.4	38.9	83.0	0.37
234	0.19	8.7	40.9	94.0	0.21
235	0.14	6.9	40.9	49.4	0.27
236	0.0	10.3	44.1	23.1	7.27
237	0.0	8.7	43.4	27.5	2.43
238	0.0	8.2	51.8	64.8	0.34
239	0.06	6.0	40.9	58.7	0.10
240	0.02	9.2	40.9	51.8	0.90
241	0.0	8.0	43.1	51.9	0.46
242	0.01	7.0	40.9	14.5	3.40
243	0.0	8.1	46.2	14.7	6.23
244	0.0	8.7	48.4	15.7	10.05
245	0.02	7.2	40.9	8.9	10.44
246	0.06	5.9	40.9	30.2	0.37
247	0.12	6.8	40.9	31.1	0.64
248	0.53	1.0	0.0	100.0	0.01
249	0.62	1.0	0.0	100.0	0.01
250	0.85	1.0	0.0	100.0	0.01
251	0.88	1.0	0.0	100.0	0.01
252	0.41	13.2	0.0	78.7	1.86
253	0.28	17.6	40.9	64.6	9.86
254	0.01	24.4	40.9	46.6	79.24
255	0.0	11.2	1.8	70.7	1.11
256	0.11	9.7	0.0	98.7	0.31
257	0.60	1.0	0.0	100.0	0.01
258					
259					
260					
261					
262	0.24	3.0	0.0	5.0	0.72
263	0.23	4.5	40.9	5.0	3.93
264	0.09	9.2	40.9	5.0	93.41
265	0.19	5.1	40.9	5.0	7.19
266	0.07	9.8	40.9	12.5	19.89
267	0.04	9.7	40.9	27.0	4.01
268	0.04	8.6	40.9	28.7	2.10
269	0.04	7.1	40.9	31.0	0.77
270	0.01	7.4	40.9	49.9	0.37
271	0.0	8.1	49.2	41.8	0.76
272	0.0	8.7	54.0	13.8	9.59
273	0.0	8.1	48.2	14.7	6.28
274	0.05	5.6	40.9	5.5	9.06

FROM 50 GRCL= 30. GRSH= 83. GRLIM= 77. NEU.SH POR.=.30
MATRIX= 2.68 FLUID= 1.0 SHALE= 2.30 GAS=0.05
RW=0.284 RMF=2.400 A=1.00 EXP=2.00 PRLIMIT=.500

CARMEL ENERGY CORP CLINKENBEARD NO 1B ANDERSON CO KANSAS

DEPTH	SHALE VOLUME	EFFEC. POR.	SGXO	WATER SAT	PERM. INDEX
275	0.05	6.7	40.9	5.4	19.94
276	0.02	9.5	40.9	8.3	38.96
277	0.90				
278	0.94				
279					
280					
281					
282					
283					
284	0.17	5.4	40.9	72.5	0.04
285	0.17	8.5	40.9	71.2	0.29
286	0.15	7.0	40.9	83.3	0.10
287	0.0	11.4	54.3	58.9	1.76
288	0.07	7.9	40.9	76.8	0.21
289	0.22	6.9	40.9	100.0	0.07
290	0.52	1.5	0.0	97.6	0.00
291	0.31	6.8	40.9	100.0	0.06
292	0.08	10.4	40.9	100.0	0.41
293	0.12	6.6	40.9	100.0	0.05
294	0.10	7.5	0.0	67.0	0.19
295	0.18	7.0	40.9	59.6	0.20
296	0.17	8.3	40.9	72.7	0.29
297	0.28	6.0	40.9	72.3	0.07
298	0.06	11.2	0.0	89.5	0.69
299	0.26	7.1	40.9	85.1	0.11
300	0.95				
301	0.95				
302	0.95				
303	0.95				
304	0.93				
305					
306					
307					
308					
309					
310	0.97				
311	0.96				
312	0.96				
313	0.95				
314	0.95				
315	0.95				
316	0.95				
317	0.97				
318	0.97				
319	0.94				

FROM 50 GRCL= 30. GRSH= 85. GRLIM= 77. NEU.SH POR.=.30
MATRIX= 2.68 FLUID= 1.0 SHALE= 2.30 GAS=0.05
RW=0.264 RMF=2.400 A=1.00 EXP=2.00 PRLIMIT=.500

CARMEL ENERGY CORP CLINKENBEARD NO 18 ANDERSON CO KANSAS

DEPTH	SHALE VOLUME	EFFEC. POR.	SGXO	WATER SAT	PERM. INDEX
320	0.94				
321	0.94				
322	0.94				
323	0.94				
324	0.94				
325	0.93				
326	0.93				
327	0.91				
328	0.76	1.5	0.0	100.0	0.00
329	0.58	4.5	0.0	100.0	0.01
330	0.31	8.2	40.9	100.0	0.14
331	0.41	4.2	0.0	100.0	0.01
332	0.53	6.5	0.0	100.0	0.05
333	0.90				
334	0.92				
335	0.87	1.0	0.0	100.0	0.01
336	0.86	1.0	0.0	100.0	0.01
337	0.62	7.4	0.0	100.0	0.09
338	0.89				
339	0.85	1.0	0.0	100.0	0.01
340	0.85	1.0	0.0	100.0	0.01
341	0.83	1.0	0.0	100.0	0.01
342	0.79	1.2	0.0	100.0	0.00
343	0.74	1.8	0.0	100.0	0.00
344	0.88	1.0	0.0	100.0	0.01
345	0.90				
346	0.90				
347	0.89				
348	0.88	1.0	0.0	100.0	0.01
349	0.80	1.0	0.0	100.0	0.01
350	0.88	1.0	0.0	100.0	0.01
351	0.85	1.6	0.0	96.5	0.00
352	0.85	1.0	0.0	100.0	0.01
353	0.88	1.0	0.0	100.0	0.01
354	0.88	1.0	0.0	100.0	0.01
355	0.88	1.0	0.0	100.0	0.01
356	0.70	2.2	0.0	100.0	0.00
357	0.85	1.0	0.0	100.0	0.01
358	0.85	1.1	0.0	89.8	0.00
359	0.80	1.0	0.0	100.0	0.01
360	0.85	1.0	0.0	100.0	0.01
361	0.87	1.0	0.0	100.0	0.01
362	0.89				
363	0.55	7.2	0.0	100.0	0.08
364	0.69	2.8	0.0	100.0	0.00

FROM 50 GRCL= 30. GRSH= 85. GRLIM= 77. NEU.SH POR.=.30
MATRIX= 2.68 FLUID= 1.0 SHALE= 2.30 GAS=0.05
RW=0.284 RMF=2.400 A=1.00 EXP=2.00 PRLIMIT=.500

CARMEL ENERGY CORP CLINKENBEARD NO 18 ANDERSON CO KANSAS

DEPTH	SHALE VOLUME	EFFEC. POR.	SGXO	WATER SAT	PERM. INDEX
365	0.26	14.8	0.0	100.0	1.91
366	0.0	21.6	1.9	86.8	13.52
367	0.63	5.6	0.0	100.0	0.03
368	0.42	11.9	0.0	100.0	0.72
369	0.70	3.6	0.0	100.0	0.00
370	0.55	8.0	0.0	100.0	0.13
371	0.88	1.0	0.0	100.0	0.01
372	0.89				
373	0.89				
374	0.87	1.0	0.0	100.0	0.01
375	0.85	1.0	0.0	100.0	0.01
376	0.85	1.0	0.0	100.0	0.01
377	0.74	1.3	0.0	93.1	0.00
378	0.49	7.8	0.0	100.0	0.12
379	0.89				
380	0.90				
381	0.71	5.2	0.0	98.1	0.00
382	0.72	3.9	0.0	100.0	0.01
383	0.86	1.0	0.0	100.0	0.01
384	0.77	1.0	0.0	100.0	0.01
385	0.84	1.0	0.0	100.0	0.01
386	0.71	2.7	0.0	93.2	0.00
387	0.58	6.6	0.0	100.0	0.05
388	0.80	1.0	0.0	100.0	0.01
389	0.55	8.0	0.0	100.0	0.13
390	0.88	1.0	0.0	100.0	0.01
391	0.89				
392	0.90				
393	0.91				
394	0.91				
395	0.92				
396	0.92				
397	0.92				
398	0.91				
399	0.89				
400	0.89				
401	0.88	1.2	0.0	92.1	0.00
402	0.88	1.0	0.0	100.0	0.01
403	0.86	1.0	0.0	100.0	0.01
404	0.90				
405	0.90				
406	0.91				
407	0.93				
408	0.91				
409	0.91				

FROM 50 GRCL= 30. GRSH= 83. GRLIM= 77. NEU.SH POR.=.30
MATRIX= 2.68 FLUID= 1.0 SHALE= 2.30 GAS=0.05
RW=0.284 RMF=2.400 A=1.00 EXP=2.00 PRLIMIT=.500

CARMEL ENERGY CORP CLINKENBEARD NO 1B ANDERSON CO KANSAS

DEPTH	SHALE VOLUME	EFFEC. POR.	SGXO	WATER SAT	PERM. INDEX
410	0.91				
411	0.91				
412	0.94				
413	0.91				
414	0.91				
415	0.92				
416	0.92				
417	0.91				
418	0.91				
419	0.91				
420	0.91				
421	0.91				
422	0.91				
423	0.91				
424	0.91				
425	0.59	8.9	0.0	85.4	0.28
426	0.61	8.4	0.0	86.1	0.21
427	0.61	8.3	0.0	90.1	0.18
428	0.63	9.0	0.0	86.7	0.28
429	0.63	11.3	0.0	81.7	0.87
430	0.65	8.3	0.0	94.6	0.17
431	0.65	8.8	0.0	93.5	0.22
432	0.66	8.2	0.0	98.0	0.15
433	0.67	8.0	0.0	99.2	0.13
434	0.67	8.2	0.0	100.0	0.14
435	0.67	6.7	0.0	100.0	0.06
436	0.66	8.9	0.0	100.0	0.20
437	0.65	9.4	0.0	100.0	0.26
438	0.65	8.3	0.0	100.0	0.15
439	0.66	7.3	0.0	100.0	0.09
440	0.67	7.2	0.0	100.0	0.08
441	0.76	6.3	0.0	98.3	0.05
442	0.75	7.9	0.0	97.5	0.13
443	0.74	7.6	0.0	100.0	0.11
444	0.63	9.1	0.0	100.0	0.22
445	0.16	18.3	0.0	91.9	5.76
446	0.57	9.9	0.0	99.9	0.52
447	0.57	11.9	0.0	82.3	1.08
448					
449					
450					
451					
452					
453					
454	0.66	2.1	0.0	50.7	0.00

FROM 425 GRCL= 60. GRSH= 91. GRLIM= 87. NEU.SH POR.=.28
MATRIX= 2.65 FLUID= 1.0 SHALE= 2.40 GAS=0.05
RW=0.195 RMF=2.400 A=0.62 EXP=2.15 PRLIMIT=.500

CARMEL ENERGY CORP CLINKENBEARD NO 18 ANDERSON CO KANSAS

DEPTH	SHALE VOLUME	EFFEC. POR.	SGXO	WATER SAT	PERM. INDEX
455	0.67	4.2	0.0	71.1	0.02
456	0.55	7.2	0.0	68.6	0.10
457	0.59	4.7	0.0	94.1	0.01
458	0.74	2.5	0.0	79.5	0.00
459	0.65	5.1	0.0	88.4	0.00
460	0.74	2.5	0.0	84.8	0.00
461	0.67	4.9	0.0	92.0	0.02
462	0.74	1.9	0.0	94.9	0.00
463	0.74	1.2	0.0	98.7	0.00
464	0.74	2.1	0.0	100.0	0.00
465	0.74	3.2	0.0	100.0	0.00
466	0.74	2.7	0.0	100.0	0.00
467	0.74	3.4	0.0	98.1	0.00
468	0.74	1.8	0.0	98.2	0.00
469	0.74	3.5	0.0	96.0	0.00
470	0.72	3.3	0.0	97.9	0.00
471	0.71	4.4	0.0	100.0	0.01
472	0.42	11.5	0.0	100.0	0.63
473	0.71	5.4	0.0	100.0	0.02
474	0.71	8.3	0.0	93.5	0.17
475	0.66	11.1	0.0	93.5	0.62
476	0.46	16.3	0.0	89.7	3.60
477	0.46	14.6	40.7	91.1	2.16
478	0.28	11.9	40.7	100.0	0.73
479	0.19	9.5	40.7	100.0	0.27
480	0.13	7.2	40.7	100.0	0.08
481	0.34	4.0	0.0	45.0	0.03
482	0.50	4.2	0.0	55.5	0.02
483	0.39	7.9	0.0	89.9	0.15
484	0.14	13.5	0.0	95.7	1.38
485	0.50	5.5	0.0	100.0	0.02
486	0.22	12.4	0.0	99.8	0.87
487	0.31	8.5	0.0	100.0	0.17
488	0.35	4.3	0.0	100.0	0.01
489	0.35	5.2	0.0	100.0	0.02
490	0.49	4.4	0.0	70.5	0.02
491	0.54	5.4	0.0	78.9	0.04
492	0.16	12.1	0.0	100.0	0.80
493	0.65	3.0	0.0	73.8	0.00
494	0.44	6.1	0.0	94.9	0.04
495	0.62	2.9	0.0	73.7	0.00
496	0.67	1.8	0.0	68.4	0.00
497	0.69	2.2	0.0	58.9	0.00
498	0.44	6.3	0.0	95.1	0.05
499	0.62	4.0	0.0	94.3	0.01

FROM 425 GRCL= 60. GRSH= 91. GRLIM= 87. NEU.SH POR.=.28
MATRIX= 2.65 FLUID= 1.0 SHALE= 2.40 GAS=0.05
RW=0.195 RMF=2.400 A=0.62 EXP=2.15 PRLIMIT=.500

CARMEL ENERGY CORP CLINKENBEARD NO 18 ANDERSON CO KANSAS

DEPTH	SHALE VOLUME	EFFEC. POR.	SGXO	WATER SAT	PERM. INDEX
500	0.74	5.1	0.0	95.5	0.02
501	0.70	10.2	0.0	99.6	0.37
502					
503					
504					
505					
506					
507					
508	0.14	4.5	40.7	71.3	0.02
509	0.05	4.5	40.7	69.0	0.02
510	0.06	3.5	0.0	25.9	0.05
511	0.35	1.0	0.0	100.0	0.01
512	0.51	1.0	0.0	100.0	0.01
513	0.69	1.0	0.0	100.0	0.01
514	0.79	3.8	0.0	74.2	0.01
515	0.44	11.6	40.7	93.9	0.82
516	0.26	16.5	0.0	93.0	3.55
517	0.61	16.1	0.0	69.4	5.78
518					
519					
520					
521					
522					
523					
524					
525					
526					
527	0.17	12.9	0.0	88.7	1.35
528	0.08	12.6	0.0	100.0	0.94
529	0.0	16.8	0.0	94.2	3.75
530	0.0	21.3	0.0	78.5	15.53
531	0.0	24.1	0.0	76.3	28.07
532	0.0	21.9	0.4	90.5	13.09
533	0.10	20.8	0.0	88.1	11.04
534	0.14	19.1	0.0	92.5	6.91
535	0.08	19.3	0.0	92.0	7.35
536	0.21	15.8	0.0	100.0	2.56
537					
538	0.71	6.9	0.0	100.0	0.07
539	0.62	9.5	0.0	100.0	0.27
540	0.13	21.0	0.0	80.1	13.98
541	0.42	16.3	40.7	76.5	5.06
542	0.0	17.5	1.8	92.9	4.62
543	0.25	13.8	0.0	94.0	1.61
544	0.36	12.7	0.0	89.6	1.21

FROM 425 GRCL= 60. GRSH= 91. GRLIM= 87. NEU.SH POR.=.28
MATRIX= 2.65 FLUID= 1.0 SHALE= 2.40 GAS=0.05
RW=0.195 RMF=2.400 A=0.62 EXP=2.15 PRLIMIT=.500

CARMEL ENERGY CORP CLINKENBEARD NO 18 ANDERSON CO KANSAS

DEPTH	SHALE VOLUME	EFFEC. POR.	SGXO	WATER SAT	PERM. INDEX
545	0.57	8.6	0.0	94.6	0.20
546	0.70	5.0	0.0	98.6	0.02
547	0.74	3.2	0.0	98.5	0.00
548	0.74	2.2	0.0	97.7	0.00
549	0.70	3.0	0.0	97.6	0.00
550	0.72	3.5	0.0	92.4	0.00
551	0.76	3.4	0.0	87.1	0.00
552	0.76	3.6	0.0	85.8	0.01
553	0.71	4.4	0.0	90.2	0.01
554	0.57	6.5	0.0	97.8	0.05
555	0.09	13.7	0.0	100.0	1.37
556	0.27	10.3	0.0	100.0	0.39
557	0.49	8.2	0.0	82.9	0.21
558	0.0	17.0	1.9	83.0	5.12
559	0.12	15.1	0.0	83.9	3.00
560	0.40	10.4	0.0	88.1	0.52
561	0.76	3.1	0.0	79.4	0.00
562	0.81	1.9	0.0	79.2	0.00
563	0.76	3.0	0.0	92.6	0.00
564	0.59	6.6	0.0	100.0	0.05
565	0.57	6.9	0.0	100.0	0.07
566	0.41	9.7	0.0	100.0	0.29
567	0.43	9.1	0.0	100.0	0.23
568	0.45	7.1	0.0	100.0	0.07
569	0.21	10.2	40.7	100.0	0.37
570	0.0	14.5	42.5	86.9	2.31
571	0.09	17.6	40.7	49.5	16.75
572	0.59	21.3	40.7	32.7	88.97
573					
574					
575					
576					
577					
578	0.26	5.5	0.0	75.0	0.04
579	0.04	10.1	0.0	100.0	0.36
580	0.26	5.4	0.0	100.0	0.02
581	0.34	3.4	0.0	100.0	0.00
582	0.0	11.1	2.3	100.0	0.54
583	0.07	7.7	40.7	100.0	0.11
584	0.0	7.2	43.3	100.0	0.08
585	0.13	4.4	0.0	100.0	0.01
586	0.12	5.9	0.0	100.0	0.03
587	0.37	4.8	0.0	86.7	0.02
588	0.46	6.6	0.0	94.3	0.06
589	0.0	14.8	2.1	100.0	1.95

FROM 425 GRLL= 60. GRSH= 91. GRLIM= 87. NEU.SH POR.=.28
MATRIX= 2.65 FLUID= 1.0 SHALE= 2.40 GAS=0.05
RW=0.195 RMF=2.400 A=0.62 EXP=2.15 PRLIMIT=.500

CARMEL ENERGY CORP CLINKENBEARD NO 18 ANDERSON CO KANSAS

DEPTH	SHALE VOLUME	EFFEC. POR.	SGXO	WATER SAT	PERM. INDEX
590	0.33	7.5	0.0	100.0	0.08
591	0.58	2.3	0.0	99.8	0.00
592	0.51	5.5	0.0	100.0	0.02
593	0.51	9.7	0.0	100.0	0.30
594	0.64	3.4	0.0	100.0	0.00
595	0.29	11.8	0.0	100.0	0.70
596	0.18	10.7	0.0	100.0	0.47
597	0.22	6.5	40.7	100.0	0.05
598	0.06	6.8	40.7	100.0	0.06
599	0.12	6.6	40.7	75.9	0.09
600	0.17	8.0	40.7	35.6	1.02
601	0.10	13.2	0.0	63.3	2.88
602	0.77	8.4	0.0	47.1	0.71
603	0.93				
604					
605					
606					
607					
608	0.89				
609	0.89				
610	0.93				
611	0.93				
612	0.93				
613	0.93				
614	0.88				
615	0.32	17.2	0.0	84.0	5.28
616					
617					
618					
619					
620					
621	0.15	7.4	0.0	46.5	0.43
622	0.31	5.0	0.0	45.7	0.08
623	0.24	6.1	0.0	69.4	0.08
624	0.04	11.1	0.0	84.5	0.74
625	0.03	10.0	0.0	88.6	0.44
626	0.12	7.7	0.0	81.6	0.16
627	0.18	6.2	40.7	64.2	0.10
628	0.08	8.4	0.0	89.7	0.19
629	0.19	6.5	0.0	89.3	0.06
630	0.20	9.0	0.0	83.6	0.31
631	0.18	8.9	0.0	96.7	0.22
632	0.34	5.0	0.0	82.3	0.02
633	0.31	4.8	0.0	79.3	0.02
634	0.32	3.3	0.0	83.7	0.00

FROM 425 GRCL= 60. GRSH= 91. GRLIM= 87. NEU.SH POR.=.28
MATRIX= 2.65 FLUID= 1.0 SHALE= 2.40 GAS=0.05
RW=0.195 RMF=2.400 A=0.62 EXP=2.15 PRLIMIT=.500

CARMEL ENERGY CORP CLINKENBEARD NO 18 ANDERSON CO KANSAS

DEPTH	SHALE VOLUME	EFFEC. POR.	SGXO	WATER SAT	PERM. INDEX
635	0.88				
636	0.88				
637	0.88				
638	0.88				
639	0.36	3.7	0.0	100.0	0.00
640	0.20	5.6	0.0	100.0	0.03
641	0.50	1.6	0.0	100.0	0.00
642	0.15	4.7	0.0	100.0	0.01
643	0.12	5.6	40.7	100.0	0.03
644	0.04	3.9	0.0	100.0	0.01
645	0.04	4.5	40.7	39.5	0.07
646	0.08	5.7	40.7	50.5	0.30
647	0.0	8.0	0.5	94.3	0.14
648	0.56	4.0	0.0	77.7	0.01
649	0.46	5.2	0.0	88.5	0.02
650	0.24	9.7	0.0	100.0	0.29
651	0.38	7.3	0.0	100.0	0.09
652	0.27	11.1	0.0	81.9	0.79
653	0.89				
654	0.94				
655	1.00				
656	1.00				
657					
658					
659					
660					
661	0.48	1.0	0.0	100.0	0.01
662	0.90				
663	0.99				
664	0.86	10.1	0.0	77.1	0.59
665	0.88				
666					
667					
668					
669					
670	0.16	16.1	0.0	45.1	5.49
671	0.24	12.4	0.0	54.5	2.96
672	0.47	7.6	0.0	56.2	0.32
673	0.74	2.4	0.0	51.6	0.00
674	0.58	6.9	0.0	71.1	0.13
675	0.56	6.6	0.0	78.3	0.09
676	0.73	2.2	0.0	71.4	0.00
677	0.86	1.0	0.0	100.0	0.01
678	0.69	3.3	0.0	74.3	0.00
679	0.43	9.0	0.0	88.7	0.27

FROM 425 GRCL= 60. GRSH= 91. GRLIM= 87. NEU.SH POR.=.28
MATRIX= 2.65 FLUID= 1.0 SHALE= 2.40 GAS=0.05
RW=0.195 RMF=2.400 A=0.62 EXP=2.15 PRLIMIT=.500

CARMEL ENERGY CORP CLINKENBEARD NO 18 ANDERSON CO KANSAS

DEPTH	SHALE VOLUME	EFFEC. POR.	SGXO	WATER SAT	PERM. INDEX
680	0.60	7.4	0.0	76.3	0.16
681	0.85	1.7	0.0	61.8	0.00
682	0.64	5.5	0.0	76.1	0.04
683	0.76	2.9	0.0	68.6	0.00
684	0.66	5.6	0.0	74.0	0.05
685	0.81	1.8	0.0	66.0	0.00
686	0.70	4.7	0.0	74.6	0.02
687	0.80	1.9	0.0	70.6	0.00
688	0.66	5.2	0.0	82.0	0.03
689	0.54	8.6	0.0	85.9	0.24
690	0.46	10.4	0.0	87.1	0.54
691	0.43	11.2	0.0	89.6	0.70
692	0.89				
693	0.92				
694	0.92				
695	0.94				
696	0.94				
697	0.94				
698	0.90				
699	0.71	2.9	0.0	100.0	0.00
700	0.89				
701	0.89				
702	0.92				
703	0.93				
704	0.93				
705	0.93				
706	0.93				
707	0.95				
708	0.97				
709	0.97				
710	0.95				
711	0.95				
712	0.95				
713	0.95				
714	0.97				
715	0.97				
716	0.97				
717	0.97				
718	0.97				
719	0.97				
720	0.95				
721	0.95				
722	0.95				
723	0.95				
724	0.95				

FROM 425 GRCL= 60. GRSH= 91. GRLIM= 87. NEU.SH POR.=.28
MATRIX= 2.65 FLUID= 1.0 SHALE= 2.40 GAS=0.05
RW=0.195 RMF=2.400 A=0.62 EXP=2.15 PRLIMIT=.500

CARMEL ENERGY CORP CLINKENBEARD NO 18 ANDERSON CO KANSAS

DEPTH	SHALE VOLUME	EFFEC. POR.	SGXO	WATER SAT	PERM. INDEX
725	0.95				
726	0.95				
727	0.95				
728	0.94				
729	0.94				
730	0.92				
731	0.92				
732	0.92				
733	0.92				
734	0.95				
735	0.93				
736	0.88				
737	0.12	29.7	0.0	51.1	157.40
738	0.65	29.4	0.0	56.0	300.66
739	0.55	30.9	0.0	37.0	358.03
740					
741					
742					
743					
744					
745	1.00				
746	1.00				
747	1.00				
748	1.00				
749	1.00				
750					
751					
752	1.00				
753	1.00				
754	1.00				
755	1.00				
756					
757					
758					
759					
760	0.95				
761	0.95				
762	0.94				
763	0.94				
764	0.95				
765	0.97				
766	0.97				
767	0.97				
768	0.95				
769	0.95				

FROM 425 GRCL= 60. GRSH= 91. GRLIM= 87. NEU.SH POR.=.25
MATRIX= 2.65 FLUID= 1.0 SHALE= 2.40 GAS=0.05
RW=0.195 RMF=2.400 A=0.62 EXP=2.15 PRLIMIT=.500

CARMEL ENERGY CORP CLINKENBEARD NO 18 ANDERSON CO KANSAS

DEPTH	SHALE VOLUME	EFFEC. POR.	SGXO	WATER SAT	PERM. INDEX
770	0.92				
771	1.00				
772	1.00				
773	0.99				
774	0.97				
775	0.94				
776	0.61	4.2	0.0	69.8	0.01
777	0.13	13.2	0.0	91.3	1.40
778	0.89				
779	0.93				
780	0.95				
781	0.98				
782	1.00				
783	1.00				
784	1.00				
785	0.95				
786	0.89				
787	0.93				
788	1.00				
789	1.00				
790	0.98				
791					
792					
793					
794					
795					
796	1.00				
797	1.00				
798	0.99				
799	0.98				
800	0.95				
801	0.0	25.2	2.7	58.4	58.76
802	0.55	19.1	40.7	48.6	25.20
803	0.19	16.6	0.0	38.4	21.81
804	0.51	7.7	0.0	41.1	0.65
805	0.38	12.2	0.0	50.2	3.29
806	0.58	6.9	0.0	55.3	0.21
807	0.58	8.1	0.0	59.9	0.37
808	0.69	5.4	0.0	61.9	0.06
809	0.61	7.5	0.0	68.9	0.20
810	0.52	10.1	0.0	72.0	0.69
811	0.71	1.6	0.0	69.8	0.02
812	0.88				
813	0.90				
814	0.92				

FROM 625 GRCL= 60. GRSH= 91. GRLIM= 87. NEU.SH POR.=.28
MATRIX= 2.15 FLUID= 1.0 SHALE= 2.40 GAS=0.05
RW=0.195 FMF=2.400 A=0.62 EXP=2.15 PRLIMIT=.500

CARMEL ENERGY CORP CLINKENBEARD NO 1B ANDERSON CO KANSAS

DEPTH	SHALE VOLUME	EFFEC. POR.	SGXO	WATER SAT	PERM. INDEX
815	0.97				
816	0.98				
817	1.00				
818	1.00				
819	1.00				
820	1.00				
821	1.00				
822	1.00				
823	1.00				
824	1.00				
825	0.93				
826	0.66	24.6	0.0	58.4	52.59
827	0.92				
828					
829					
830					
831					
832					
833					
834	0.89				
835	0.84	4.9	0.0	100.0	0.01
836	0.84	5.7	0.0	100.0	0.00
837	0.84	4.2	0.0	100.0	0.01
838	0.86	8.9	0.0	100.0	0.03
839	0.86	14.1	0.0	77.1	2.65
840					
841					
842					
843					
844					
845					
846					
847	0.88				
848	0.95				
849	0.98				
850	0.99				
851	0.86	5.1	0.0	100.0	0.02
852	0.92				
853	0.92				
854	0.92				
855	0.89				
856	0.89				
857	0.89				
858	1.00				
859	0.98				

FROM 425 GRCL= 60. GRSH= 91. GRLIM= 87. NEU.SH POR.=.28
MATRIX= 2.65 FLUID= 1.0 SHALE= 2.40 GAS=0.05
RW=0.195 RMF=2.400 A=0.62 EXP=2.15 PRLIMIT=.500

CARMEL ENERGY CORP CLINKENBEARD NO 18 ANDERSON CO KANSAS

DEPTH	SHALE VOLUME	EFFEC. POR.	SGXO	WATER SAT	PERM. INDEX
860	0.98				
861					
862					
863					
864					
865					
866					
867	0.32	13.0	40.7	52.2	3.95
868	0.0	21.6	14.3	31.2	104.94
869	0.0	23.5	17.9	12.8	887.44
870	0.0	22.8	14.5	7.6	2237.37
871	0.0	20.7	18.6	12.0	580.37
872	0.0	22.7	18.3	13.2	725.26
873	0.0	22.2	7.9	11.1	930.16
874	0.0	14.5	12.4	7.1	3517.62
875	0.0	13.5	14.8	7.4	2668.26
876	0.05	11.0	16.9	6.4	2217.16
877	0.0	11.6	5.6	11.3	832.80
878	0.0	13.8	11.0	10.3	1461.86
879	0.0	13.5	4.6	16.5	540.49
880	0.0	12.6	0.0	18.8	351.77
881	0.0	25.9	0.0	21.7	337.85
882	0.05	20.9	0.0	27.9	112.84
883	0.09	18.5	0.0	29.5	58.15
884	0.04	17.5	0.0	32.3	38.41
885					
886					
887					
888					
889	0.0	29.6	18.2	23.1	755.69
890	0.0	28.0	16.3	24.4	535.19
891	0.0	29.0	7.2	21.2	822.49
892	0.0	28.5	5.6	21.6	730.97
893	0.0	28.1	14.8	20.2	788.76
894	0.0	27.6	13.1	18.6	860.91
895	0.0	27.0	10.8	16.8	954.21
896	0.0	21.4	9.4	17.2	831.57
897	0.0	26.9	11.2	16.9	935.87
898	0.0	25.8	6.9	16.3	830.77
899	0.04	25.2	11.4	17.0	477.66
900	0.0	22.5	10.1	17.4	387.17

FROM 425 GRCL= 60. GRSH= 91. GRLIM= 87. NEU.SH POR.=.28
MATRIX= 2.65 FLUID= 1.0 SHALE= 2.40 GAS=0.05
RW=0.195 RMF=2.400 A=0.62 EXP=2.15 PRLIMIT=.500