

K E R O G E N A N A L Y S I S

F C R

WHITE RIVER SHALE CIL COMPANY P-2

DENSITY LOG

VELOCITY LOG

DENSITY AND VELOCITY

DEPTH	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
160	2.320	25.3	25.3	2.477	8.6	8.6	17.0	17.0
161	2.260	31.5	56.8	2.450	11.6	20.2	21.5	38.5
162	2.220	35.4	92.2	2.446	12.0	32.2	23.7	62.2
163	2.230	34.4	126.7	2.450	11.6	43.7	23.0	85.2
164	2.290	28.4	155.1	2.415	15.3	59.1	21.9	107.1
165	2.350	22.2	177.3	2.384	18.7	77.7	20.4	127.5
166	2.340	23.3	200.6	2.371	20.0	97.8	21.7	149.2
167	2.280	29.4	230.1	2.357	21.5	119.3	25.5	174.7
168	2.240	33.5	263.5	2.344	22.9	142.1	28.2	202.6
169	2.290	28.4	291.9	2.340	23.3	165.4	25.8	228.7
170	2.320	25.3	317.3	2.340	23.3	188.7	24.3	253.0
171	2.330	24.3	341.6	2.340	23.3	212.0	23.8	276.8
172	2.350	22.2	363.8	2.415	15.3	227.3	18.8	295.6
173	2.420	14.8	378.6	2.486	7.6	234.9	11.2	306.8
174	2.410	15.9	394.5	2.521	3.7	238.6	9.8	316.6
175	2.390	18.0	412.5	2.547	0.8	239.4	9.4	326.0
176	2.390	18.0	430.6	2.574	0.0	239.4	9.0	335.0
177	2.390	18.0	448.6	2.565	0.0	239.4	9.0	344.0
178	2.400	17.0	465.5	2.561	0.0	239.4	8.5	352.5
179	2.420	14.8	480.3	2.565	0.0	239.4	7.4	359.9
180	2.420	14.8	495.2	2.561	0.0	239.4	7.4	367.3
181	2.430	13.7	508.9	2.556	0.0	239.4	6.9	374.2
182	2.390	18.0	526.9	2.547	0.8	240.2	9.4	383.6
183	2.340	23.3	550.2	2.503	5.7	245.9	14.5	398.1
184	2.310	26.4	576.6	2.477	8.6	254.5	17.5	415.5
185	2.280	29.4	606.0	2.450	11.6	266.1	20.5	436.1
186	2.280	29.4	635.4	2.428	13.9	280.1	21.7	457.7
187	2.280	29.4	664.9	2.428	13.9	294.0	21.7	479.4
188	2.300	27.4	692.3	2.433	13.4	307.4	20.4	499.8
189	2.320	25.3	717.6	2.428	13.9	321.4	19.6	519.5
190	2.280	29.4	747.1	2.397	17.3	338.6	23.4	542.8
191	2.170	40.3	787.4	2.366	20.6	359.2	30.4	573.3
192	2.230	34.4	821.8	2.334	23.9	383.1	29.2	602.5
193	2.260	31.5	853.3	2.303	27.1	410.2	29.3	631.7
194	2.280	29.4	882.7	2.309	26.6	436.8	28.0	659.8
195	2.300	27.4	910.1	2.314	26.0	462.8	26.7	686.5
196	2.340	23.3	933.4	2.344	22.9	485.7	23.1	709.5
197	2.340	23.3	956.7	2.349	22.3	508.0	22.8	732.3
198	2.340	23.3	979.9	2.371	20.0	528.1	21.7	754.0
199	2.350	22.2	1002.2	2.371	20.0	548.1	21.1	775.1
200	2.350	22.2	1024.4	2.371	20.0	568.1	21.1	796.3
201	2.370	20.1	1044.5	2.384	18.7	586.8	19.4	815.7
202	2.340	23.3	1067.8	2.397	17.3	604.0	20.3	835.9
203	2.300	27.4	1095.2	2.388	18.2	622.3	22.8	858.7
204	2.270	30.4	1125.7	2.380	19.1	641.4	24.8	883.5
205	2.290	28.4	1154.1	2.357	21.5	662.9	25.0	908.5
206	2.300	27.4	1181.5	2.340	23.3	686.1	25.2	933.8
207	2.280	29.4	1210.9	2.314	26.0	712.1	27.7	961.5
208	2.270	30.4	1241.4	2.324	24.9	737.0	27.7	989.2
209	2.270	30.4	1271.8	2.314	26.0	763.0	28.2	1017.4

K E R O G E N A N A L Y S I S

FOR

WHITE RIVER SHALE OIL COMPANY P-2

D E N S I T Y L O G

V E L O C I T Y L O G

D E N S I T Y A N D V E L O C I T Y

DEPTH	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
210	2.270	30.4	1302.3	2.303	27.1	790.1	28.8	1046.2
211	2.270	30.4	1332.7	2.308	26.6	816.8	28.5	1074.7
212	2.290	28.4	1361.1	2.314	26.0	842.8	27.2	1102.0
213	2.300	27.4	1388.5	2.308	26.6	869.4	27.0	1129.0
214	2.310	26.4	1414.9	2.314	26.0	895.4	26.2	1155.2
215	2.330	24.3	1439.2	2.388	18.2	913.6	21.3	1176.4
216	2.360	21.2	1460.4	2.388	18.2	931.9	19.7	1196.1
217	2.390	18.0	1478.4	2.388	18.2	950.1	18.1	1214.3
218	2.340	23.3	1501.7	2.402	16.7	966.8	20.0	1234.3
219	2.320	25.3	1527.1	2.415	15.3	982.2	20.3	1254.6
220	2.310	26.4	1553.4	2.380	19.1	1001.3	22.7	1277.3
221	2.320	25.3	1578.8	2.384	18.7	1019.9	22.0	1299.3
222	2.400	17.0	1595.7	2.433	13.4	1033.3	15.2	1314.5
223	2.420	14.8	1610.5	2.459	10.6	1043.9	12.7	1327.2
224	2.400	17.0	1627.5	2.490	7.2	1051.1	12.1	1339.3
225	2.400	17.0	1644.5	2.547	0.8	1051.9	8.9	1348.2
226	2.350	22.2	1666.7	2.561	0.0	1051.9	11.1	1359.3
227	2.320	25.3	1692.0	2.494	6.7	1058.6	16.0	1375.3
228	2.250	32.5	1724.5	2.446	12.0	1070.6	22.2	1397.5
229	2.220	35.4	1759.9	2.415	15.3	1085.9	25.4	1422.9
230	2.200	37.4	1797.3	2.371	20.0	1106.0	28.7	1451.7
231	2.210	36.4	1833.8	2.308	26.6	1132.6	31.5	1483.2
232	2.220	35.4	1869.2	2.292	28.2	1160.8	31.8	1515.0
233	2.210	36.4	1905.6	2.270	30.4	1191.2	33.4	1548.4
234	2.250	32.5	1938.1	2.270	30.4	1221.6	31.4	1579.9
235	2.300	27.4	1965.5	2.287	28.7	1250.3	28.1	1607.9
236	2.330	24.3	1989.8	2.362	21.0	1271.3	22.6	1630.5
237	2.340	23.3	2013.1	2.380	19.1	1290.4	21.2	1651.7
238	2.290	28.4	2041.5	2.388	18.2	1308.6	23.3	1675.1
239	2.250	32.5	2073.9	2.410	15.9	1324.5	24.2	1699.2
240	2.230	34.4	2108.4	2.433	13.4	1337.9	23.9	1723.2
241	2.230	34.4	2142.8	2.424	14.4	1352.3	24.4	1747.6
242	2.230	34.4	2177.3	2.410	15.9	1368.2	25.2	1772.7
243	2.230	34.4	2211.7	2.402	16.7	1384.9	25.6	1798.3
244	2.200	37.4	2249.1	2.371	20.0	1404.9	28.7	1827.0
245	2.180	39.4	2288.5	2.366	20.6	1425.5	30.0	1857.0
246	2.210	36.4	2324.9	2.366	20.6	1446.1	28.5	1885.5
247	2.290	28.4	2353.3	2.366	20.6	1466.6	24.5	1910.0
248	2.350	22.2	2375.6	2.371	20.0	1486.6	21.1	1931.1
249	2.380	19.1	2394.7	2.388	18.2	1504.9	18.7	1945.8
250	2.380	19.1	2413.7	2.397	17.3	1522.1	18.2	1967.9
251	2.350	22.2	2436.0	2.388	18.2	1540.4	20.2	1988.2
252	2.290	28.4	2464.4	2.384	18.7	1559.0	23.5	2011.7
253	2.310	26.4	2490.8	2.371	20.0	1579.1	23.2	2034.9
254	2.310	26.4	2517.1	2.366	20.6	1599.6	23.5	2058.4
255	2.310	26.4	2543.5	2.340	23.3	1622.9	24.8	2083.2
256	2.290	28.4	2571.9	2.340	23.3	1646.2	25.8	2109.0
257	2.290	28.4	2600.4	2.344	22.9	1669.0	25.6	2134.7
258	2.300	27.4	2627.8	2.340	23.3	1692.3	25.3	2160.0
259	2.310	26.4	2654.1	2.344	22.9	1715.2	24.6	2184.6

K E R O G E N A N A L Y S I S

FOR

WHITE RIVER SHALE OIL COMPANY P-2

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
260	2.330	24.3	2678.4	2.371	20.0	1735.2	22.2	2206.8
261	2.330	24.3	2702.8	2.384	18.7	1753.8	21.5	2228.3
262	2.340	23.3	2726.0	2.388	18.2	1772.1	20.8	2249.1
263	2.340	23.3	2749.3	2.384	18.7	1790.7	21.0	2270.0
264	2.340	23.3	2772.6	2.388	18.2	1809.0	20.8	2290.8
265	2.310	26.4	2799.0	2.344	22.9	1831.8	24.6	2315.4
266	2.290	28.4	2827.4	2.318	25.5	1857.3	27.0	2342.4
267	2.290	28.4	2855.8	2.292	28.2	1885.6	28.3	2370.7
268	2.290	28.4	2884.2	2.281	29.3	1914.9	28.9	2399.5
269	2.300	27.4	2911.6	2.270	30.4	1945.3	28.9	2428.4
270	2.300	27.4	2939.0	2.292	28.2	1973.5	27.8	2456.3
271	2.290	28.4	2967.4	2.292	28.2	2001.7	28.3	2484.6
272	2.310	26.4	2993.8	2.292	28.2	2029.9	27.3	2511.9
273	2.330	24.3	3018.1	2.324	24.9	2054.8	24.6	2536.5
274	2.330	24.3	3042.5	2.340	23.3	2078.1	23.8	2560.3
275	2.340	23.3	3065.7	2.324	24.9	2103.0	24.1	2584.4
276	2.320	25.3	3091.1	2.314	26.0	2129.0	25.7	2610.0
277	2.280	29.4	3120.5	2.308	26.6	2155.6	28.0	2638.1
278	2.260	31.5	3152.0	2.287	28.7	2184.3	30.1	2668.1
279	2.240	33.5	3185.4	2.255	32.0	2216.3	32.7	2700.9
280	2.240	33.5	3218.9	2.233	34.1	2250.4	33.8	2734.7
281	2.240	33.5	3252.3	2.199	37.5	2287.9	35.5	2770.1
282	2.260	31.5	3283.8	2.193	38.0	2326.0	34.8	2804.9
283	2.270	30.4	3314.2	2.212	36.3	2362.2	33.4	2838.2
284	2.270	30.4	3344.7	2.270	30.4	2392.7	30.4	2868.7
285	2.300	27.4	3372.1	2.303	27.1	2419.8	27.3	2895.9
286	2.360	21.2	3393.3	2.366	20.6	2440.3	20.9	2916.8
287	2.430	13.7	3407.0	2.410	15.9	2456.2	14.8	2931.6
288	2.490	7.2	3414.2	2.459	10.6	2466.8	8.9	2940.5
289	2.460	10.5	3424.6	2.494	6.7	2473.5	8.6	2949.1
290	2.440	12.7	3437.3	2.543	1.2	2474.8	6.9	2956.0
291	2.430	13.7	3451.0	2.547	0.8	2475.5	7.3	2963.3
292	2.440	12.7	3463.7	2.547	0.8	2476.3	6.7	2970.0
293	2.420	14.8	3478.5	2.547	0.8	2477.1	7.8	2977.8
294	2.420	14.8	3493.3	2.578	0.0	2477.1	7.4	2985.2
295	2.410	15.9	3509.2	2.565	0.0	2477.1	7.9	2992.2
296	2.390	18.0	3527.2	2.512	4.7	2481.9	11.4	3004.5
297	2.390	18.0	3545.2	2.459	10.6	2492.4	14.3	3018.8
298	2.380	19.1	3564.3	2.455	11.0	2503.5	15.0	3033.9
299	2.360	21.2	3585.5	2.428	13.9	2517.4	17.6	3051.4
300	2.380	19.1	3604.6	2.415	15.3	2532.7	17.2	3068.7
301	2.420	14.8	3619.4	2.455	11.0	2543.8	12.9	3081.6
302	2.440	12.7	3632.0	2.494	6.7	2550.5	9.7	3091.3
303	2.440	12.7	3644.7	2.512	4.7	2555.2	8.7	3099.9
304	2.420	14.8	3659.5	2.534	2.3	2557.5	8.5	3108.5
305	2.420	14.8	3674.3	2.561	0.0	2557.5	7.4	3115.9
306	2.440	12.7	3687.0	2.574	0.0	2557.5	6.3	3122.2
307	2.430	13.7	3700.7	2.587	0.0	2557.5	6.9	3129.1
308	2.460	10.5	3711.2	2.592	0.0	2557.5	5.2	3134.3
309	2.440	12.7	3723.8	2.592	0.0	2557.5	6.3	3140.6

K E R O G E N A N A L Y S I S

FOR

WHITE RIVER SHALE OIL COMPANY P-2

DENSITY LOG

VELOCITY LOG

DENSITY AND VELOCITY

DEPTH	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
310	2.440	12.7	3736.5	2.587	0.0	2557.5	6.3	3147.0
311	2.460	10.5	3746.9	2.592	0.0	2557.5	5.2	3152.2
312	2.460	10.5	3757.4	2.605	0.0	2557.5	5.2	3157.4
313	2.430	13.7	3771.1	2.592	0.0	2557.5	6.9	3164.3
314	2.460	10.5	3781.6	2.600	0.0	2557.5	5.2	3169.5
315	2.470	9.4	3791.0	2.600	0.0	2557.5	4.7	3174.2
316	2.450	11.6	3802.5	2.583	0.0	2557.5	5.8	3180.0
317	2.410	15.9	3818.4	2.583	0.0	2557.5	7.9	3188.0
318	2.420	14.8	3833.2	2.592	0.0	2557.5	7.4	3195.4
319	2.470	9.4	3842.6	2.605	0.0	2557.5	4.7	3200.0
320	2.460	10.5	3853.1	2.592	0.0	2557.5	5.2	3205.3
321	2.440	12.7	3865.7	2.592	0.0	2557.5	6.3	3211.6
322	2.410	15.9	3881.6	2.605	0.0	2557.5	7.9	3219.5
323	2.460	10.5	3892.1	2.609	0.0	2557.5	5.2	3224.8
324	2.470	9.4	3901.5	2.609	0.0	2557.5	4.7	3229.5
325	2.510	4.9	3906.4	2.609	0.0	2557.5	2.5	3231.9
326	2.520	3.8	3910.3	2.618	0.0	2557.5	1.9	3233.9
327	2.490	7.2	3917.4	2.609	0.0	2557.5	3.6	3237.4
328	2.490	7.2	3924.6	2.609	0.0	2557.5	3.6	3241.0
329	2.490	7.2	3931.8	2.609	0.0	2557.5	3.6	3244.6
330	2.510	4.9	3936.7	2.609	0.0	2557.5	2.5	3247.1
331	2.500	6.1	3942.8	2.609	0.0	2557.5	3.0	3250.1
332	2.480	8.3	3951.1	2.622	0.0	2557.5	4.1	3254.3
333	2.460	10.5	3961.5	2.627	0.0	2557.5	5.2	3259.5
334	2.480	8.3	3969.8	2.627	0.0	2557.5	4.1	3263.6
335	2.470	9.4	3979.2	2.622	0.0	2557.5	4.7	3268.3
336	2.480	8.3	3987.5	2.622	0.0	2557.5	4.1	3272.5
337	2.490	7.2	3994.6	2.592	0.0	2557.5	3.6	3276.0
338	2.490	7.2	4001.8	2.600	0.0	2557.5	3.6	3279.6
339	2.490	7.2	4009.0	2.622	0.0	2557.5	3.6	3283.2
340	2.490	7.2	4016.1	2.622	0.0	2557.5	3.6	3286.8
341	2.480	8.3	4024.4	2.609	0.0	2557.5	4.1	3290.9
342	2.470	9.4	4033.8	2.605	0.0	2557.5	4.7	3295.6
343	2.480	8.3	4042.1	2.605	0.0	2557.5	4.1	3299.8
344	2.480	8.3	4050.3	2.592	0.0	2557.5	4.1	3303.9
345	2.500	6.1	4056.4	2.592	0.0	2557.5	3.0	3306.9
346	2.490	7.2	4063.6	2.600	0.0	2557.5	3.6	3310.5
347	2.450	11.6	4075.1	2.605	0.0	2557.5	5.8	3316.3
348	2.470	9.4	4084.5	2.600	0.0	2557.5	4.7	3321.0
349	2.470	9.4	4093.9	2.600	0.0	2557.5	4.7	3325.7
350	2.470	9.4	4103.3	2.605	0.0	2557.5	4.7	3330.4
351	2.450	11.6	4114.8	2.609	0.0	2557.5	5.8	3336.1
352	2.480	8.3	4123.1	2.609	0.0	2557.5	4.1	3340.3
353	2.510	4.9	4128.0	2.609	0.0	2557.5	2.5	3342.8
354	2.510	4.9	4133.0	2.609	0.0	2557.5	2.5	3345.2
355	2.520	3.8	4136.8	2.609	0.0	2557.5	1.9	3347.2
356	2.530	2.7	4139.5	2.609	0.0	2557.5	1.4	3349.5
357	2.490	7.2	4146.7	2.618	0.0	2557.5	3.6	3352.1
358	2.520	3.8	4150.5	2.622	0.0	2557.5	1.9	3354.0
359	2.490	7.2	4157.7	2.609	0.0	2557.5	3.6	3357.6

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FOR

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DENSITY LOG

VELOCITY LOG

DENSITY AND VELOCITY

DEPTH	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
360	2.490	17.2	4164.9	2.622	0.0	2557.5	3.6	3361.2
361	2.510	14.9	4169.8	2.618	0.0	2557.5	2.5	3363.6
362	2.510	14.9	4174.8	2.609	0.0	2557.5	2.5	3366.1
363	2.490	17.2	4181.9	2.592	0.0	2557.5	3.6	3369.7
364	2.470	19.4	4191.3	2.583	0.0	2557.5	4.7	3374.4
365	2.460	10.5	4201.8	2.539	1.7	2559.2	6.1	3380.5
366	2.350	22.2	4224.0	2.543	1.2	2560.4	11.7	3392.7
367	2.310	24.4	4250.4	2.512	4.7	2565.1	15.6	3407.8
368	2.310	26.4	4276.7	2.477	8.6	2573.7	17.5	3425.3
369	2.340	23.3	4300.0	2.503	5.7	2579.5	14.5	3439.8
370	2.440	12.7	4312.7	2.534	2.3	2581.7	7.5	3447.2
371	2.490	17.2	4319.8	2.539	1.7	2583.4	4.4	3451.6
372	2.490	17.2	4327.0	2.574	0.0	2583.4	3.6	3455.2
373	2.480	18.3	4335.3	2.587	0.0	2583.4	4.1	3459.4
374	2.380	19.1	4354.4	2.534	2.3	2585.7	10.7	3470.0
375	2.250	22.5	4366.8	2.441	12.5	2598.2	22.5	3492.5
376	2.110	46.0	4432.8	2.410	15.9	2614.1	31.0	3523.5
377	2.150	42.2	4475.1	2.388	18.2	2632.3	30.2	3553.7
378	2.320	25.3	4500.4	2.397	17.3	2649.6	21.3	3575.0
379	2.410	15.9	4516.3	2.388	18.2	2667.8	17.1	3592.1
380	2.460	10.5	4526.8	2.477	8.6	2676.4	9.5	3601.6
381	2.480	12.3	4535.0	2.507	0.0	2676.4	4.1	3605.8
382	2.460	10.5	4545.5	2.592	0.0	2676.4	5.2	3611.0
383	2.460	10.5	4556.0	2.534	2.3	2678.7	6.4	3617.4
384	2.310	26.4	4582.3	2.503	5.7	2684.4	16.1	3633.4
385	2.210	36.4	4618.8	2.512	4.7	2689.2	20.6	3654.0
386	2.280	29.4	4648.2	2.494	6.7	2695.9	18.1	3672.1
387	2.390	18.0	4666.2	2.468	9.6	2705.5	13.8	3685.9
388	2.420	14.8	4681.0	2.477	8.6	2714.1	11.7	3697.6
389	2.390	18.0	4699.0	2.556	0.0	2714.1	9.0	3706.6
390	2.400	17.0	4716.0	2.605	0.0	2714.1	8.5	3715.1
391	2.470	9.4	4725.4	2.622	0.0	2714.1	4.7	3719.8
392	2.510	4.9	4730.3	2.622	0.0	2714.1	2.5	3722.2
393	2.460	10.5	4740.8	2.578	0.0	2714.1	5.2	3727.5
394	2.340	23.3	4764.1	2.547	0.8	2714.9	12.0	3739.5
395	2.190	38.4	4802.4	2.556	0.0	2714.9	19.2	3758.7
396	2.180	39.4	4841.8	2.543	1.2	2716.1	20.3	3779.0
397	2.090	51.9	4889.7	2.494	6.7	2722.8	27.3	3806.3
398	2.130	44.1	4933.8	2.499	6.2	2729.0	25.2	3831.5
399	2.320	25.3	4959.2	2.539	1.7	2730.7	13.5	3845.0
400	2.220	35.4	4994.6	2.565	0.0	2730.7	17.7	3862.7
401	2.110	44.0	5040.6	2.587	0.0	2730.7	23.0	3885.7
402	2.050	51.6	5092.2	2.592	0.0	2730.7	25.8	3911.5
403	2.330	24.3	5116.5	2.609	0.0	2730.7	12.2	3923.7
404	2.510	4.9	5121.4	2.622	0.0	2730.7	2.5	3926.1
405	2.460	10.5	5131.9	2.622	0.0	2730.7	5.2	3931.4
406	2.400	17.0	5148.9	2.613	0.0	2730.7	8.5	3939.9
407	2.310	26.4	5175.2	2.609	0.0	2730.7	13.2	3953.0
408	2.260	31.5	5206.7	2.605	0.0	2730.7	15.7	3968.8
409	2.380	19.1	5225.8	2.605	0.0	2730.7	9.5	3978.3

K E R O G E N A N A L Y S I S

FOR

WHITE RIVER SHALE OIL COMPANY P-2

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
410	2.480	8.3	5234.1	2.578	0.0	2730.7	4.1	3982.4
411	2.490	7.2	5241.2	2.574	0.0	2730.7	3.6	3986.0
412	2.420	14.8	5256.0	2.578	0.0	2730.7	7.4	3993.4
413	2.300	27.4	5283.4	2.547	0.8	2731.5	14.1	4007.5
414	2.260	31.5	5314.9	2.486	7.6	2739.1	19.5	4027.1
415	2.250	32.5	5347.3	2.455	11.0	2750.1	21.7	4048.8
416	2.250	32.5	5379.8	2.472	9.2	2759.3	20.8	4069.6
417	2.260	31.5	5411.2	2.521	3.7	2763.0	17.6	4087.2
418	2.360	21.2	5432.4	2.561	0.0	2763.0	10.6	4097.8
419	2.420	14.8	5447.2	2.592	0.0	2763.0	7.4	4105.2
420	2.450	11.6	5458.8	2.627	0.0	2763.0	5.8	4111.0
421	2.530	2.7	5461.5	2.627	0.0	2763.0	1.4	4112.3
422	2.560	0.0	5461.5	2.667	0.0	2763.0	0.0	4112.3
423	2.560	0.0	5461.5	2.698	0.0	2763.0	0.0	4112.3
424	2.540	1.6	5463.1	2.689	0.0	2763.0	0.8	4113.1
425	2.510	4.9	5468.0	2.636	0.0	2763.0	2.5	4115.6
426	2.450	11.6	5479.6	2.592	0.0	2763.0	5.8	4121.4
427	2.280	29.4	5509.0	2.530	2.7	2765.7	16.1	4137.4
428	2.210	36.4	5545.4	2.450	11.6	2777.3	24.0	4161.4
429	2.200	37.4	5582.9	2.371	20.0	2797.3	28.7	4190.1
430	2.150	42.2	5625.1	2.314	26.0	2823.3	34.1	4224.3
431	2.150	42.2	5667.3	2.292	28.2	2851.5	35.2	4259.5
432	2.270	30.4	5697.8	2.340	23.3	2874.8	26.9	4286.4
433	2.320	25.3	5723.1	2.402	16.7	2891.6	21.0	4307.4
434	2.410	15.9	5739.0	2.402	16.7	2908.3	16.3	4323.7
435	2.420	14.8	5753.8	2.415	15.3	2923.6	15.1	4338.8
436	2.420	14.8	5768.6	2.459	10.6	2934.2	12.7	4351.5
437	2.370	20.1	5788.7	2.477	8.6	2942.8	14.4	4365.8
438	2.190	38.4	5827.1	2.459	10.6	2953.4	24.5	4390.3
439	2.020	54.3	5881.4	2.446	12.0	2965.4	33.1	4423.5
440	2.140	43.2	5924.6	2.388	18.2	2983.6	30.7	4454.2
441	2.270	30.4	5955.0	2.388	18.2	3001.9	24.3	4478.5
442	2.200	37.4	5992.4	2.366	20.6	3022.4	29.0	4507.5
443	2.260	31.5	6023.9	2.388	18.2	3040.7	24.8	4532.3
444	2.260	31.5	6055.4	2.397	17.3	3057.9	24.4	4556.7
445	2.310	26.4	6081.7	2.388	18.2	3076.2	22.3	4579.0
446	2.330	24.3	6106.0	2.415	15.3	3091.5	19.8	4598.8
447	2.370	20.1	6126.2	2.433	13.4	3104.9	16.8	4615.6
448	2.340	23.3	6149.4	2.433	13.4	3118.3	18.3	4633.9
449	2.300	27.4	6176.8	2.415	15.3	3133.7	21.4	4655.3
450	2.230	34.4	6211.3	2.402	16.7	3150.4	25.6	4680.9
451	2.080	48.8	6260.1	2.397	17.3	3167.7	33.0	4713.9
452	1.970	58.7	6318.8	2.388	18.2	3185.9	38.5	4752.4
453	2.110	46.0	6364.9	2.402	16.7	3202.7	31.4	4783.8
454	2.260	31.5	6396.3	2.428	13.9	3216.6	22.7	4806.5
455	2.340	23.3	6419.6	2.459	10.6	3227.2	16.9	4823.4
456	2.390	18.0	6437.6	2.503	5.7	3232.9	11.9	4835.3
457	2.330	24.3	6461.5	2.543	1.2	3234.2	12.8	4848.1
458	2.340	23.3	6485.2	2.503	5.7	3239.9	14.5	4862.6
459	2.380	19.1	6504.3	2.477	8.6	3248.5	13.8	4876.4

K E R O G E N A N A L Y S I S

FOR

WHITE RIVER SHALE OIL COMPANY P-2

PTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
460	2.360	21.2	6525.4	2.516	4.3	3252.8	12.7	4889.1
461	2.300	27.4	6552.8	2.543	1.2	3254.0	14.3	4903.5
462	2.300	27.4	6580.2	2.539	1.7	3255.7	14.5	4918.0
463	2.320	25.3	6605.6	2.503	5.7	3261.4	15.5	4933.5
464	2.310	26.4	6632.0	2.516	4.3	3265.7	15.3	4948.9
465	2.370	20.1	6652.1	2.547	0.8	3266.5	10.5	4959.3
466	2.250	32.5	6684.5	2.534	2.3	3268.8	17.4	4976.7
467	2.200	37.4	6721.9	2.503	5.7	3274.5	21.6	4998.2
468	2.290	28.4	6750.4	2.521	3.7	3278.2	16.1	5014.3
469	2.330	24.3	6774.7	2.534	2.3	3280.5	13.3	5027.6
470	2.260	31.5	6806.1	2.534	2.3	3282.7	16.9	5044.4
471	2.300	27.4	6833.5	2.543	1.2	3284.0	14.3	5058.8
472	2.410	15.5	6849.4	2.543	1.2	3285.2	8.6	5067.3
473	2.420	14.8	6864.2	2.587	0.0	3285.2	7.4	5074.7
474	2.440	12.7	6876.9	2.605	0.0	3285.2	6.3	5081.1
475	2.480	8.3	6885.1	2.618	0.0	3285.2	4.1	5085.2
476	2.460	10.5	6895.6	2.609	0.0	3285.2	5.2	5090.4
477	2.420	14.8	6910.4	2.609	0.0	3285.2	7.4	5097.8
478	2.390	18.0	6928.4	2.609	0.0	3285.2	9.0	5105.8
479	2.350	22.2	6950.7	2.565	0.0	3285.2	11.1	5118.0
480	2.230	34.4	6985.1	2.450	11.6	3296.8	23.0	5141.0
481	2.070	49.7	7034.9	2.446	12.0	3308.8	30.9	5171.8
482	1.970	58.7	7093.6	2.441	12.5	3321.3	35.6	5207.5
483	2.110	46.0	7135.6	2.410	15.9	3337.2	31.0	5238.4
484	2.010	55.2	7194.8	2.424	14.4	3351.6	34.8	5273.2
485	2.180	39.4	7234.1	2.547	0.8	3352.4	20.1	5293.3
486	2.440	12.7	7246.8	2.556	0.0	3352.4	6.3	5299.6
487	2.470	9.4	7256.2	2.543	1.2	3353.6	5.3	5304.9
488	2.430	13.7	7269.9	2.534	2.3	3355.9	8.0	5312.9
489	2.350	22.2	7292.1	2.543	1.2	3357.1	11.7	5324.6
490	2.230	34.4	7326.6	2.516	4.3	3361.4	19.4	5344.0
491	2.230	34.4	7361.0	2.516	4.3	3365.7	19.4	5363.3
492	2.210	36.4	7397.4	2.512	4.7	3370.4	20.6	5383.9
493	2.180	39.4	7436.8	2.503	5.7	3376.1	22.5	5406.5
494	2.110	46.0	7482.8	2.521	3.7	3379.8	24.9	5431.3
495	2.110	46.0	7528.8	2.530	2.7	3382.5	24.4	5455.7
496	2.100	47.0	7575.8	2.530	2.7	3385.2	24.8	5480.5
497	1.930	62.2	7638.0	2.543	1.2	3386.5	31.7	5512.2
498	1.920	63.0	7701.0	2.547	0.8	3387.3	31.9	5544.1
499	2.100	47.0	7748.0	2.547	0.8	3388.1	23.9	5568.0
500	2.350	22.2	7770.2	2.477	8.6	3396.7	15.4	5582.4
501	2.250	32.5	7802.7	2.433	13.4	3410.1	22.9	5606.4
502	2.260	31.5	7834.1	2.410	15.9	3426.0	23.7	5630.0
503	2.200	37.4	7871.5	2.415	15.3	3441.3	26.4	5656.4
504	2.260	31.5	7903.0	2.477	8.6	3449.9	20.0	5676.4
505	2.320	25.3	7928.3	2.530	2.7	3452.6	14.0	5690.5
506	2.390	18.0	7946.3	2.565	0.0	3452.6	9.0	5699.5
507	2.460	10.5	7956.8	2.561	0.0	3452.6	5.2	5704.7
508	2.390	18.0	7974.8	2.547	0.8	3453.4	9.4	5714.1
509	2.310	26.4	8001.2	2.516	4.3	3457.7	15.3	5729.4

K E R O G E N A N A L Y S I S

FOR

WHITE RIVER SHALE OIL COMPANY P-2

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHC-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
510	2.340	23.3	8024.5	2.494	6.7	3464.4	15.0	5744.4
511	2.350	22.2	8046.7	2.512	4.7	3469.1	13.5	5757.9
512	2.280	29.4	8076.1	2.534	2.3	3471.4	15.8	5773.8
513	2.350	22.2	8098.4	2.534	2.3	3473.7	12.2	5786.0
514	2.400	17.0	8115.3	2.534	2.3	3475.9	9.6	5795.6
515	2.440	12.7	8128.0	2.574	0.0	3475.9	6.3	5801.9
516	2.460	10.5	8138.4	2.592	0.0	3475.9	5.2	5807.2
517	2.440	12.7	8151.1	2.592	0.0	3475.9	6.3	5813.5
518	2.440	12.7	8163.7	2.583	0.0	3475.9	6.3	5819.8
519	2.440	12.7	8176.4	2.587	0.0	3475.9	6.3	5826.1
520	2.420	14.8	8191.2	2.592	0.0	3475.9	7.4	5832.5
521	2.460	10.5	8201.7	2.592	0.0	3475.9	5.2	5838.8
522	2.460	10.5	8212.1	2.583	0.0	3475.9	5.2	5844.0
523	2.460	10.5	8222.6	2.565	0.0	3475.9	5.2	5849.2
524	2.470	9.4	8232.0	2.561	0.0	3475.9	4.7	5853.9
525	2.480	8.3	8240.2	2.592	0.0	3475.9	4.1	5858.1
526	2.480	8.3	8248.5	2.578	0.0	3475.9	4.1	5862.2
527	2.440	12.7	8261.2	2.543	1.2	3477.2	6.9	5865.1
528	2.390	18.0	8279.2	2.543	1.2	3478.4	9.6	5878.8
529	2.390	18.0	8297.2	2.534	2.3	3480.7	10.1	5888.9
530	2.450	11.6	8308.8	2.547	0.8	3481.5	6.2	5895.1
531	2.450	11.6	8320.3	2.578	0.0	3481.5	5.8	5900.9
532	2.460	10.5	8330.8	2.592	0.0	3481.5	5.2	5906.1
533	2.450	7.2	8338.0	2.600	0.0	3481.5	3.6	5905.7
534	2.520	2.7	8340.7	2.605	0.0	3481.5	1.4	5911.0
535	2.520	3.8	8344.5	2.609	0.0	3481.5	1.9	5913.0
536	2.470	9.4	8353.9	2.592	0.0	3481.5	4.7	5917.6
537	2.490	7.2	8361.0	2.592	0.0	3481.5	3.6	5921.2
538	2.500	6.1	8367.1	2.600	0.0	3481.5	3.0	5924.3
539	2.510	4.9	8372.0	2.592	0.0	3481.5	2.5	5926.7
540	2.530	2.7	8374.8	2.592	0.0	3481.5	1.4	5928.1
541	2.510	4.9	8379.7	2.592	0.0	3481.5	2.5	5930.5
542	2.450	11.6	8391.3	2.583	0.0	3481.5	5.8	5936.3
543	2.470	9.4	8400.6	2.578	0.0	3481.5	4.7	5941.0
544	2.490	7.2	8407.8	2.565	0.0	3481.5	3.6	5944.6
545	2.460	10.5	8418.3	2.547	0.8	3482.2	5.6	5950.2
546	2.420	14.8	8433.1	2.561	0.0	3482.2	7.4	5957.6
547	2.350	22.2	8455.3	2.516	4.3	3486.5	13.3	5970.9
548	2.250	28.4	8483.7	2.516	4.3	3490.8	16.3	5987.2
549	2.330	24.3	8508.0	2.521	3.7	3494.5	14.0	6001.2
550	2.450	11.6	8519.6	2.512	4.7	3499.2	8.1	6009.4
551	2.460	10.5	8530.1	2.516	4.3	3503.5	7.4	6016.8
552	2.440	12.7	8542.7	2.521	3.7	3507.2	8.2	6024.9
553	2.430	13.7	8556.4	2.512	4.7	3512.0	9.2	6034.2
554	2.400	17.0	8573.4	2.512	4.7	3516.7	10.8	6045.0
555	2.360	21.2	8594.6	2.521	3.7	3520.4	12.5	6057.5
556	2.440	12.7	8607.2	2.516	4.3	3524.7	8.5	6065.5
557	2.470	9.4	8616.6	2.534	2.3	3526.9	5.8	6071.7
558	2.470	9.4	8626.0	2.561	0.0	3526.9	4.7	6076.4
559	2.490	7.2	8633.2	2.574	0.0	3526.9	3.6	6080.0

K E R O G E N A N A L Y S I S

FOR

WHITE RIVER SHALE OIL COMPANY P-2

DENSITY LOG

VELOCITY LOG

DENSITY AND VELOCITY

DEPTH	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
560	2.510	4.9	8638.1	2.583	0.0	3526.9	2.5	6082.5
561	2.510	4.9	8643.0	2.587	0.0	3526.9	2.5	6084.9
562	2.460	10.5	8653.5	2.592	0.0	3526.9	5.2	6090.2
563	2.410	15.9	8669.4	2.587	0.0	3526.9	7.9	6098.1
564	2.420	14.8	8684.2	2.587	0.0	3526.9	7.4	6105.5
565	2.460	10.5	8694.7	2.587	0.0	3526.9	5.2	6110.8
566	2.460	10.5	8705.1	2.592	0.0	3526.9	5.2	6116.0
567	2.460	10.5	8715.6	2.587	0.0	3526.9	5.2	6121.2
568	2.460	10.5	8726.1	2.587	0.0	3526.9	5.2	6126.5
569	2.460	8.3	8734.4	2.592	0.0	3526.9	4.1	6130.6
570	2.460	10.5	8744.8	2.561	0.0	3526.9	5.2	6135.8
571	2.440	12.7	8757.5	2.543	1.2	3528.2	6.9	6142.8
572	2.410	15.9	8773.4	2.543	1.2	3529.4	8.6	6151.3
573	2.400	17.0	8790.3	2.543	1.2	3530.7	9.1	6160.4
574	2.450	11.6	8801.9	2.543	1.2	3531.9	6.4	6166.8
575	2.480	8.3	8810.1	2.547	0.8	3532.7	4.5	6171.4
576	2.510	4.9	8815.1	2.569	0.0	3532.7	2.5	6173.8
577	2.490	7.2	8822.3	2.583	0.0	3532.7	3.6	6177.4
578	2.490	7.2	8829.4	2.561	0.0	3532.7	3.6	6181.0
579	2.460	10.5	8839.9	2.547	0.8	3533.5	5.6	6186.6
580	2.460	10.5	8850.4	2.521	3.7	3537.2	7.1	6193.7
581	2.400	17.0	8867.3	2.503	5.7	3542.9	11.3	6205.1
582	2.380	19.1	8886.4	2.503	5.7	3548.7	12.4	6217.5
583	2.460	10.5	8896.9	2.516	4.3	3552.9	7.4	6224.9
584	2.510	4.9	8901.8	2.486	7.6	3560.6	6.3	6231.1
585	2.480	8.3	8910.1	2.472	9.2	3569.7	8.7	6239.8
586	2.320	25.3	8935.4	2.477	8.6	3578.3	17.0	6256.8
587	2.280	29.4	8964.9	2.486	7.6	3585.9	18.5	6275.3
588	2.420	14.8	8979.7	2.486	7.6	3593.5	11.2	6286.6
589	2.480	8.3	8987.9	2.503	5.7	3599.3	7.0	6293.6
590	2.490	7.2	8995.1	2.547	0.8	3600.1	4.0	6297.5
591	2.460	10.5	9005.6	2.556	0.0	3600.1	5.2	6302.8
592	2.420	14.8	9020.4	2.534	2.3	3602.3	8.5	6311.3
593	2.370	20.1	9040.5	2.521	3.7	3606.0	11.9	6323.2
594	2.330	24.3	9064.8	2.521	3.7	3609.8	14.0	6337.2
595	2.400	17.0	9081.8	2.512	4.7	3614.5	10.8	6348.1
596	2.410	15.9	9097.7	2.503	5.7	3620.2	10.8	6358.9
597	2.390	18.0	9115.7	2.468	9.6	3629.8	13.8	6372.7
598	2.320	25.3	9141.0	2.450	11.6	3641.4	18.5	6391.1
599	2.240	33.5	9174.5	2.472	9.2	3650.5	21.3	6412.4
600	2.310	26.4	9200.9	2.486	7.6	3658.1	17.0	6429.4
601	2.400	17.0	9217.8	2.494	6.7	3664.9	11.8	6441.3
602	2.420	14.8	9232.6	2.503	5.7	3670.6	10.3	6451.5
603	2.440	12.7	9245.3	2.556	0.0	3670.6	6.3	6457.5
604	2.400	17.0	9262.2	2.565	0.0	3670.6	8.5	6466.3
605	2.380	19.1	9281.3	2.539	1.7	3672.3	10.4	6476.7
606	2.390	18.0	9299.3	2.512	4.7	3677.0	11.4	6488.1
607	2.320	25.3	9324.7	2.494	6.7	3683.7	16.0	6504.1
608	2.330	24.3	9349.0	2.486	7.6	3691.4	16.0	6520.1
609	2.390	18.0	9367.0	2.477	8.6	3700.0	13.3	6533.4

K E R O G E N A N A L Y S I S

FCR

WHITE RIVER SHALE OIL COMPANY P-2

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
610	2.370	20.1	5387.1	2.477	8.6	3708.6	14.4	6547.8
611	2.390	18.0	5405.1	2.516	4.3	3712.8	11.1	6558.9
612	2.390	18.0	5423.1	2.534	2.3	3715.1	10.1	6565.1
613	2.420	14.8	5438.0	2.534	2.3	3717.4	8.5	6577.6
614	2.390	18.0	5456.0	2.547	0.8	3718.1	9.4	6587.0
615	2.390	18.0	5474.0	2.539	1.7	3719.8	9.9	6596.8
616	2.400	17.0	5490.9	2.512	4.7	3724.6	10.8	6607.7
617	2.390	18.0	5509.0	2.499	6.2	3730.7	12.1	6619.8
618	2.390	18.0	5527.0	2.486	7.6	3738.4	12.8	6632.6
619	2.390	18.0	5545.0	2.468	9.6	3748.0	13.8	6646.4
620	2.380	19.1	5564.1	2.433	13.4	3761.4	16.2	6662.6
621	2.380	19.1	5583.1	2.455	11.0	3772.4	15.0	6677.7
622	2.390	18.0	5601.2	2.450	11.6	3783.9	14.8	6692.5
623	2.390	18.0	5619.2	2.446	12.0	3795.9	15.0	6707.5
624	2.410	15.9	5635.1	2.433	13.4	3809.3	14.6	6722.1
625	2.400	17.0	5652.0	2.428	13.9	3823.3	15.5	6737.6
626	2.350	22.2	5674.2	2.410	15.9	3839.2	19.1	6756.6
627	2.310	26.4	5700.6	2.384	18.7	3857.8	22.5	6779.1
628	2.280	29.4	5730.0	2.366	20.6	3878.4	25.0	6804.1
629	2.210	36.4	5766.5	2.314	26.0	3904.4	31.2	6835.4
630	2.160	41.3	5807.7	2.308	26.6	3931.0	34.0	6869.3
631	2.210	36.4	5844.2	2.292	28.2	3959.2	32.3	6901.6
632	2.230	34.4	5878.6	2.292	28.2	3987.5	31.3	6933.0
633	2.250	32.5	5911.1	2.340	23.3	4010.7	27.9	6960.8
634	2.290	28.4	5939.5	2.371	20.0	4030.8	24.2	6985.0
635	2.320	25.3	5964.8	2.406	16.3	4047.1	20.8	7005.9
636	2.360	21.2	5986.0	2.433	13.4	4060.5	17.3	7023.2
637	2.380	19.1	10005.1	2.450	11.6	4072.0	15.3	7038.5
638	2.380	19.1	10024.2	2.472	9.2	4081.2	14.1	7052.6
639	2.380	19.1	10043.3	2.477	8.6	4089.8	13.8	7066.4
640	2.420	14.8	10058.1	2.490	7.2	4097.0	11.0	7077.4
641	2.440	12.7	10070.7	2.490	7.2	4104.1	9.9	7087.3
642	2.400	17.0	10087.7	2.455	11.0	4115.2	14.0	7101.3
643	2.290	28.4	10116.1	2.446	12.0	4127.2	20.2	7121.5
644	2.220	35.4	10151.5	2.446	12.0	4139.2	23.7	7145.2
645	2.380	19.1	10170.6	2.446	12.0	4151.1	15.5	7160.8
646	2.430	13.7	10184.3	2.433	13.4	4164.6	13.6	7174.4
647	2.460	10.5	10194.8	2.468	9.6	4174.1	10.0	7184.4
648	2.460	10.5	10205.3	2.499	6.2	4180.3	8.3	7192.7
649	2.420	14.8	10220.1	2.494	6.7	4187.0	10.8	7203.5
650	2.390	18.0	10238.1	2.494	6.7	4193.8	12.4	7215.8
651	2.440	12.7	10250.7	2.486	7.6	4201.4	10.1	7226.0
652	2.460	10.5	10261.2	2.459	10.6	4212.0	10.5	7236.5
653	2.420	14.8	10276.0	2.459	10.6	4222.5	12.7	7249.2
654	2.420	14.8	10290.8	2.486	7.6	4230.2	11.2	7260.4
655	2.450	11.6	10302.4	2.455	11.0	4241.2	11.3	7271.7
656	2.420	14.8	10317.2	2.450	11.6	4252.7	13.2	7284.9
657	2.310	26.4	10343.6	2.446	12.0	4264.7	19.2	7304.1
658	2.310	26.4	10369.9	2.446	12.0	4276.7	19.2	7323.3
659	2.420	14.8	10384.8	2.446	12.0	4288.7	13.4	7336.7

K E R C G E N A N A L Y S I S

F O R

W H I T E R I V E R S H A L E O I L C O M P A N Y P - 2

D E N S I T Y L O G

V E L O C I T Y L O G

D E N S I T Y A N D V E L O C I T Y

DEPTH	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
660	2.440	12.7	10397.4	2.459	10.6	4299.3	11.6	7348.3
661	2.450	11.6	10409.0	2.477	8.6	4307.9	10.1	7358.3
662	2.420	14.8	10423.8	2.446	12.0	4319.9	13.4	7371.8
663	2.450	11.6	10435.3	2.450	11.6	4331.5	11.6	7383.3
664	2.370	20.1	10455.5	2.446	12.0	4343.5	16.1	7395.4
665	2.270	30.4	10485.9	2.441	12.5	4356.0	21.5	7420.9
666	2.360	21.2	10507.1	2.446	12.0	4368.0	16.6	7437.5
667	2.420	14.8	10521.9	2.441	12.5	4380.5	13.7	7451.1
668	2.420	13.7	10535.6	2.446	12.0	4392.5	12.9	7464.0
669	2.440	12.7	10548.3	2.459	10.6	4403.1	11.6	7475.6
670	2.430	13.7	10562.0	2.472	9.2	4412.3	11.4	7487.1
671	2.310	26.4	10588.4	2.446	12.0	4424.3	19.2	7506.2
672	2.210	36.4	10624.8	2.455	11.0	4435.3	23.7	7530.0
673	2.320	25.3	10650.2	2.446	12.0	4447.3	18.7	7548.6
674	2.400	17.0	10667.1	2.433	13.4	4460.7	15.2	7563.8
675	2.420	14.8	10681.9	2.428	13.9	4474.6	14.4	7578.2
676	2.370	20.1	10702.1	2.402	16.7	4491.4	18.4	7596.6
677	2.250	32.5	10734.5	2.402	16.7	4508.1	24.6	7621.2
678	2.140	43.2	10777.7	2.415	15.3	4523.4	29.3	7650.5
679	2.280	29.4	10807.1	2.428	13.9	4537.4	21.7	7672.2
680	2.420	14.8	10821.9	2.477	8.6	4546.0	11.7	7683.9
681	2.440	12.7	10834.6	2.521	3.7	4549.7	8.2	7692.1
682	2.460	10.5	10845.1	2.543	1.2	4551.0	5.9	7697.9
683	2.470	9.4	10854.4	2.547	0.8	4551.7	5.1	7703.0
684	2.420	14.8	10869.2	2.543	1.2	4553.0	8.0	7711.0
685	2.380	19.1	10888.3	2.539	1.7	4554.7	10.4	7721.4
686	2.390	18.0	10906.3	2.543	1.2	4555.9	9.6	7731.0
687	2.400	17.0	10923.3	2.521	3.7	4559.6	10.3	7741.4
688	2.420	14.8	10938.1	2.477	8.6	4568.2	11.7	7753.1
689	2.320	25.3	10963.4	2.437	13.0	4581.2	19.2	7772.3
690	2.250	32.5	10995.9	2.428	13.9	4595.1	23.2	7795.5
691	2.150	42.2	11038.1	2.415	15.3	4610.5	28.8	7824.2
692	2.280	29.4	11067.6	2.415	15.3	4625.8	22.4	7846.6
693	2.380	19.1	11086.6	2.433	13.4	4639.3	16.2	7862.9
694	2.430	13.7	11100.4	2.486	7.6	4646.9	10.7	7873.6
695	2.460	10.5	11110.8	2.494	6.7	4653.5	8.6	7882.1
696	2.440	12.7	11123.5	2.490	7.2	4660.8	9.9	7892.1
697	2.410	15.9	11139.4	2.494	6.7	4667.5	11.3	7903.4
698	2.320	25.3	11164.7	2.490	7.2	4674.7	16.3	7919.6
699	2.320	25.3	11190.1	2.490	7.2	4681.8	16.3	7935.5
700	2.440	12.7	11202.7	2.494	6.7	4688.5	9.7	7945.6
701	2.400	17.0	11219.7	2.494	6.7	4695.3	11.8	7957.4
702	2.340	23.3	11242.9	2.490	7.2	4702.4	15.2	7972.6
703	2.310	26.4	11269.3	2.490	7.2	4709.6	16.8	7989.4
704	2.320	25.3	11294.7	2.494	6.7	4716.3	16.0	8005.4
705	2.350	22.2	11316.9	2.530	2.7	4719.0	12.5	8017.9
706	2.380	19.1	11336.0	2.547	0.8	4719.8	9.9	8027.8
707	2.400	17.0	11352.9	2.556	0.0	4719.8	8.5	8036.3
708	2.440	12.7	11365.6	2.539	1.7	4721.5	7.2	8043.5
709	2.420	13.7	11379.3	2.530	2.7	4724.2	8.2	8051.7

KERDGEN ANALYSTS

FOR

WHITE RIVER SHALE OIL COMPANY P-2

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
710	2.380	19.1	11398.4	2.534	2.3	4726.5	10.7	8062.4
711	2.350	22.2	11420.6	2.539	1.7	4728.2	12.0	8074.3
712	2.370	20.1	11440.7	2.534	2.3	4730.4	11.2	8085.5
713	2.400	17.0	11457.7	2.547	0.8	4731.2	8.9	8094.4
714	2.400	17.0	11474.6	2.574	0.0	4731.2	8.5	8102.9
715	2.430	13.7	11488.4	2.587	0.0	4731.2	6.9	8109.7
716	2.460	10.5	11498.8	2.600	0.0	4731.2	5.2	8115.0
717	2.420	14.8	11513.7	2.587	0.0	4731.2	7.4	8122.4
718	2.420	14.8	11528.5	2.565	0.0	4731.2	7.4	8125.8
719	2.400	17.0	11545.4	2.565	0.0	4731.2	8.5	8138.3
720	2.370	20.1	11565.5	2.561	0.0	4731.2	10.1	8148.3
721	2.390	18.0	11583.6	2.547	0.8	4732.0	9.4	8157.7
722	2.420	14.8	11598.4	2.539	1.7	4733.7	8.3	8166.0
723	2.400	17.0	11615.3	2.543	1.2	4734.9	9.1	8175.1
724	2.400	17.0	11632.3	2.543	1.2	4736.2	9.1	8184.2
725	2.390	18.0	11650.3	2.539	1.7	4737.9	9.9	8194.0
726	2.400	17.0	11667.2	2.521	3.7	4741.6	10.3	8204.4
727	2.370	20.1	11687.4	2.534	2.3	4743.8	11.2	8215.6
728	2.370	20.1	11707.5	2.539	1.7	4745.5	10.9	8226.5
729	2.400	17.0	11724.5	2.547	0.8	4746.3	8.9	8235.3
730	2.460	10.5	11734.9	2.547	0.8	4747.1	5.6	8241.0
731	2.490	7.2	11742.1	2.547	0.8	4747.9	4.0	8244.9
732	2.490	7.2	11749.3	2.534	2.3	4750.1	4.7	8249.7
733	2.440	12.7	11761.9	2.521	3.7	4753.9	8.2	8257.8
734	2.340	23.3	11785.2	2.534	2.3	4756.1	12.8	8270.6
735	2.380	19.1	11804.3	2.530	2.7	4758.8	10.9	8281.5
736	2.420	14.8	11819.1	2.521	3.7	4762.5	9.3	8290.8
737	2.460	10.5	11829.5	2.521	3.7	4766.3	7.1	8297.9
738	2.460	10.5	11840.0	2.521	3.7	4770.0	7.1	8304.9
739	2.420	14.8	11854.8	2.534	2.3	4772.2	8.5	8312.5
740	2.320	25.3	11880.2	2.539	1.7	4773.9	13.5	8327.0
741	2.290	28.4	11908.6	2.534	2.3	4776.2	15.3	8342.3
742	2.320	25.3	11933.9	2.534	2.3	4778.4	13.8	8356.1
743	2.400	17.0	11950.9	2.530	2.7	4781.1	9.8	8366.0
744	2.380	19.1	11970.0	2.503	5.7	4786.9	12.4	8378.4
745	2.400	17.0	11986.9	2.490	7.2	4794.0	12.1	8390.4
746	2.360	21.2	12008.1	2.494	6.7	4800.8	14.0	8404.4
747	2.340	23.3	12031.4	2.494	6.7	4807.5	15.0	8419.4
748	2.350	22.2	12053.6	2.494	6.7	4814.2	14.5	8433.9
749	2.310	26.4	12080.0	2.503	5.7	4819.9	16.1	8449.9
750	2.340	23.3	12103.3	2.521	3.7	4823.6	13.5	8463.4
751	2.420	14.8	12118.1	2.534	2.3	4825.9	8.5	8471.9
752	2.460	10.5	12128.5	2.556	0.0	4825.9	5.2	8477.2
753	2.460	10.5	12139.0	2.565	0.0	4825.9	5.2	8482.4
754	2.440	12.7	12151.6	2.556	0.0	4825.9	6.3	8488.7
755	2.420	14.8	12166.5	2.543	1.2	4827.1	8.0	8496.8
756	2.400	17.0	12183.4	2.547	0.8	4827.9	8.9	8505.6
757	2.440	12.7	12196.1	2.547	0.8	4828.7	6.7	8512.4
758	2.460	10.5	12206.5	2.543	1.2	4830.0	5.9	8518.2
759	2.440	12.7	12215.2	2.543	1.2	4831.2	6.9	8525.2

K E R O G E N A N A L Y S I S

FCR

WHITE RIVER SHALE OIL COMPANY P-2

DENSITY LOG

VELOCITY LOG

DENSITY AND VELOCITY

DEPTH	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
760	2.420	14.8	12234.0	2.547	0.8	4832.0	7.8	5532.9
761	2.400	17.0	12250.9	2.543	1.2	4833.2	9.1	5542.0
762	2.350	22.2	12273.2	2.534	2.3	4835.5	12.2	5554.3
763	2.350	22.2	12295.4	2.516	4.3	4839.8	13.3	5567.5
764	2.350	22.2	12317.6	2.490	7.2	4846.9	14.7	5582.2
765	2.370	20.1	12337.8	2.450	11.6	4858.5	15.8	5598.1
766	2.320	25.3	12363.1	2.455	11.0	4869.5	18.2	5616.3
767	2.240	33.5	12396.6	2.433	13.4	4882.9	23.4	5635.7
768	2.120	45.1	12441.6	2.415	15.3	4898.3	30.2	5659.9
769	2.220	34.4	12476.1	2.415	15.3	4913.6	24.9	5694.8
770	2.370	20.1	12496.2	2.468	9.6	4923.2	14.9	5709.7
771	2.390	18.0	12514.2	2.459	10.6	4933.8	14.3	5724.0
772	2.410	15.9	12530.1	2.428	13.9	4947.7	14.9	5738.9
773	2.320	25.3	12555.5	2.423	13.9	4961.7	19.6	5758.5
774	2.220	35.4	12590.9	2.415	15.3	4977.0	25.4	5783.9
775	2.130	44.1	12635.0	2.371	20.0	4997.0	32.1	5816.0
776	2.250	32.5	12667.5	2.334	23.9	5020.9	28.2	5844.2
777	2.350	22.2	12689.7	2.357	21.5	5042.4	21.9	5866.0
778	2.280	29.4	12719.2	2.410	15.9	5058.3	22.7	5888.7
779	2.170	40.3	12759.5	2.415	15.3	5073.7	27.8	5916.5
780	2.270	30.4	12789.9	2.494	6.7	5080.4	18.6	5935.1
781	2.410	15.9	12805.8	2.547	0.8	5081.2	8.3	5943.5
782	2.460	8.3	12814.1	2.578	0.0	5081.2	4.1	5947.6
783	2.450	11.6	12825.6	2.587	0.0	5081.2	5.8	5953.4
784	2.400	17.0	12842.6	2.583	0.0	5081.2	8.5	5961.9
785	2.370	20.1	12862.7	2.578	0.0	5081.2	10.1	5971.9
786	2.330	24.3	12887.0	2.605	0.0	5081.2	12.2	5984.1
787	2.380	19.1	12906.1	2.605	0.0	5081.2	9.5	5993.6
788	2.460	10.5	12916.6	2.583	0.0	5081.2	5.2	5998.8
789	2.530	2.7	12919.3	2.592	0.0	5081.2	1.4	6000.2
790	2.550	0.4	12919.7	2.587	0.0	5081.2	0.2	6000.4
791	2.460	10.5	12930.2	2.556	0.0	5081.2	5.2	6005.7
792	2.450	11.6	12941.8	2.472	9.2	5090.3	10.4	6016.0
793	2.400	10.5	12952.2	2.410	15.9	5106.2	13.2	6029.2
794	2.350	22.2	12974.5	2.384	18.7	5124.9	20.4	6049.6
795	2.300	27.4	13001.9	2.366	20.6	5145.4	24.0	6073.6
796	2.230	34.4	13036.3	2.340	23.3	5168.7	28.9	6102.5
797	2.130	44.1	13080.5	2.340	23.3	5192.0	33.7	6136.2
798	2.290	26.4	13108.9	2.344	22.9	5214.8	25.6	6161.8
799	2.350	22.2	13131.1	2.366	20.6	5235.4	21.4	6182.2
800	2.340	23.3	13154.4	2.371	20.0	5255.4	21.7	6204.9
801	2.260	31.5	13185.8	2.344	22.9	5278.3	27.2	6232.0
802	2.170	40.3	13226.2	2.292	28.2	5306.5	34.3	6266.3
803	2.070	49.7	13275.9	2.266	30.9	5337.4	40.3	6306.6
804	2.090	47.9	13323.8	2.205	37.0	5374.3	42.4	6349.0
805	2.120	45.1	13368.9	2.156	41.7	5416.0	43.4	6392.4
806	2.060	50.7	13419.5	2.119	45.2	5461.2	47.9	6440.3
807	1.960	59.6	13479.1	2.137	43.4	5504.6	51.5	6491.8
808	2.030	53.4	13532.5	2.159	37.5	5542.1	45.4	6537.3
809	2.190	38.4	13570.9	2.309	27.1	5589.2	32.7	6570.0

K E R O G E N A N A L Y S I S

F C R

W H I T E R I V E R S H A L E O I L C O M P A N Y P - 2

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
810	2.280	29.4	13600.3	2.366	20.6	5589.8	25.0	9555.0
811	2.320	25.3	13625.7	2.388	18.2	5608.0	21.8	9616.8
812	2.350	22.2	13647.9	2.415	15.3	5623.4	18.8	9635.6
813	2.370	20.1	13668.0	2.424	14.4	5637.7	17.3	9652.8
814	2.290	28.4	13696.4	2.446	12.0	5649.7	20.2	9673.0
815	2.330	24.3	13720.8	2.468	9.6	5659.3	17.0	9690.0
816	2.350	18.0	13738.8	2.477	8.6	5667.9	13.3	9703.3
817	2.400	17.0	13755.7	2.503	5.7	5673.7	11.3	9714.7
818	2.370	20.1	13775.9	2.534	2.3	5675.9	11.2	9725.6
819	2.370	20.1	13796.0	2.521	3.7	5679.6	11.9	9737.8
820	2.380	19.1	13815.1	2.521	3.7	5683.3	11.4	9749.2
821	2.330	24.3	13839.4	2.521	3.7	5687.1	14.0	9763.2
822	2.280	31.5	13870.8	2.446	12.0	5699.1	21.7	9784.9
823	2.130	44.1	13915.0	2.397	17.3	5716.3	30.7	9815.6
824	2.010	55.2	13970.2	2.366	20.6	5736.9	37.9	9853.5
825	2.090	47.9	14018.1	2.318	25.5	5762.4	36.7	9890.2
826	2.220	34.4	14052.5	2.270	30.4	5792.8	32.4	9922.6
827	2.240	33.5	14086.0	2.239	33.5	5826.3	33.5	9956.1
828	2.240	33.5	14119.4	2.239	33.5	5859.9	33.5	9989.6
829	2.180	39.4	14158.8	2.205	37.0	5896.8	38.2	10027.7
830	2.050	51.6	14210.3	2.143	42.9	5939.7	47.2	10075.0
831	1.980	57.8	14268.2	2.040	52.5	5992.2	55.2	10130.1
832	1.870	67.3	14335.4	1.941	61.3	6053.5	64.3	10194.4
833	1.760	76.1	14411.6	1.827	70.8	6124.3	73.5	10267.9
834	1.680	82.3	14493.8	1.760	76.1	6200.4	79.2	10347.0
835	1.600	88.1	14581.9	1.793	73.6	6273.9	80.8	10427.9
836	1.580	89.5	14671.4	1.743	77.4	6351.3	83.5	10511.3
837	1.690	81.5	14752.9	1.911	63.9	6415.2	72.7	10584.0
838	1.790	73.8	14826.7	1.982	57.6	6472.8	65.7	10645.7
839	1.920	63.0	14889.7	2.003	55.8	6528.6	59.4	10709.1
840	2.090	47.9	14937.6	2.081	48.7	6577.3	48.3	10757.4
841	2.090	47.9	14985.5	2.181	39.3	6616.6	43.6	10801.0
842	2.140	42.2	15028.7	2.270	30.4	6647.0	36.8	10837.8
843	2.210	36.4	15065.1	2.324	24.9	6671.9	30.7	10868.4
844	2.230	34.4	15099.5	2.250	32.5	6704.3	33.5	10901.9
845	2.110	46.0	15145.6	2.181	39.3	6743.6	42.6	10944.5
846	1.980	57.8	15203.4	2.181	39.3	6782.9	48.6	10993.1
847	1.920	63.0	15266.4	2.174	40.0	6822.8	51.5	11044.6
848	2.010	55.2	15321.6	2.112	45.8	6868.6	50.5	11095.1
849	2.090	47.9	15369.5	2.087	48.2	6916.8	48.0	11143.1
850	2.150	42.2	15411.8	2.075	49.3	6966.1	45.3	11188.9
851	2.090	47.9	15459.6	2.156	41.7	7007.8	44.8	11233.7
852	2.100	47.0	15506.6	2.250	32.5	7040.2	39.7	11273.4
853	2.250	32.5	15539.1	2.314	26.0	7066.2	29.2	11302.6
854	2.280	29.4	15568.5	2.303	27.1	7093.3	28.3	11330.9
855	2.260	31.5	15600.0	2.287	28.7	7122.0	30.1	11361.0
856	2.160	41.3	15641.2	2.340	23.3	7145.3	32.3	11393.2
857	2.100	47.0	15688.2	2.357	21.5	7166.8	34.2	11427.5
858	2.330	24.3	15712.5	2.357	21.5	7188.3	22.9	11450.4
859	2.350	22.2	15734.7	2.366	20.6	7208.9	21.4	11471.8

K E R O G E N A N A L Y S I S

F C R

W H I T E R I V E R S H A L E O I L C O M P A N Y P - 2

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
860	2.320	25.3	15760.1	2.428	13.9	7222.8	19.6	11491.4
861	2.340	23.3	15783.4	2.433	13.4	7236.2	18.3	11505.8
862	2.300	27.4	15810.8	2.366	20.6	7256.3	24.0	11533.7
863	2.170	40.3	15851.1	2.340	23.3	7280.1	31.8	11565.5
864	2.100	47.0	15898.0	2.303	27.1	7307.2	37.0	11602.6
865	2.170	40.3	15938.3	2.239	33.5	7340.7	36.9	11639.5
866	2.200	37.4	15975.7	2.181	39.3	7380.0	38.3	11677.8
867	2.170	40.3	16016.1	2.233	34.1	7414.1	37.2	11715.0
868	2.090	47.9	16064.0	2.292	28.2	7442.3	38.1	11753.1
869	2.180	39.4	16103.3	2.292	28.2	7470.5	33.8	11786.9
870	2.260	31.5	16134.8	2.344	22.9	7493.4	27.2	11814.0
871	2.300	27.4	16162.2	2.402	15.7	7510.1	22.1	11836.1
872	2.340	23.3	16185.4	2.424	14.4	7524.5	18.8	11854.9
873	2.340	23.3	16208.7	2.415	15.3	7539.8	19.3	11874.2
874	2.340	23.3	16232.0	2.446	12.0	7551.8	17.6	11891.9
875	2.270	30.4	16262.4	2.450	11.6	7563.4	21.0	11912.9
876	2.290	28.4	16290.8	2.446	12.0	7575.4	20.2	11933.1
877	2.370	20.1	16311.0	2.472	9.2	7584.6	14.6	11947.7
878	2.350	22.2	16333.2	2.486	7.6	7592.2	14.9	11962.7
879	2.390	18.0	16351.2	2.477	8.6	7600.8	13.3	11976.0
880	2.400	17.0	16368.2	2.477	8.6	7609.4	12.8	11988.7
881	2.370	20.1	16388.3	2.503	5.7	7615.1	12.9	12001.7
882	2.320	24.3	16412.6	2.512	4.7	7619.8	14.5	12016.2
883	2.340	23.3	16435.9	2.490	7.2	7627.0	15.2	12031.4
884	2.340	23.3	16459.2	2.459	10.6	7637.6	16.9	12048.3
885	2.240	33.5	16492.6	2.472	9.2	7646.7	21.3	12065.6
886	2.280	29.4	16522.0	2.459	10.6	7657.3	20.0	12085.6
887	2.370	20.1	16542.2	2.459	10.6	7667.9	15.4	12105.0
888	2.380	19.1	16561.3	2.459	10.6	7678.5	14.8	12119.8
889	2.260	31.5	16592.7	2.415	15.3	7693.8	23.4	12143.2
890	2.100	47.0	16639.7	2.388	18.2	7712.0	32.6	12175.8
891	2.180	39.4	16679.0	2.415	15.3	7727.4	27.3	12203.2
892	2.370	20.1	16699.2	2.424	14.4	7741.8	17.3	12220.4
893	2.420	14.8	16714.0	2.441	12.5	7754.3	13.7	12234.1
894	2.400	17.0	16730.9	2.516	4.3	7758.6	10.6	12244.7
895	2.400	17.0	16747.9	2.543	1.2	7759.8	9.1	12253.8
896	2.430	13.7	16761.6	2.494	6.7	7766.6	10.2	12264.0
897	2.310	26.4	16788.0	2.455	11.0	7777.6	18.7	12282.7
898	2.120	45.1	16833.1	2.433	13.4	7791.0	29.2	12312.0
899	2.160	41.3	16874.3	2.415	15.3	7806.3	28.3	12340.3
900	2.280	29.4	16903.8	2.406	16.3	7822.6	22.9	12362.2
901	2.420	14.8	16918.6	2.455	11.0	7833.7	12.9	12376.1
902	2.460	10.5	16929.0	2.512	4.7	7838.4	7.6	12383.7
903	2.480	8.3	16937.3	2.534	2.3	7840.6	5.3	12388.9
904	2.490	7.2	16944.5	2.561	0.0	7840.6	3.6	12392.5
905	2.450	11.6	16956.0	2.605	0.0	7840.6	5.8	12398.3
906	2.420	13.7	16969.8	2.600	0.0	7840.6	6.9	12405.2
907	2.490	7.2	16976.9	2.578	0.0	7840.6	3.6	12406.6
908	2.510	4.9	16981.9	2.565	0.0	7840.6	2.5	12411.2
909	2.510	4.9	16986.8	2.565	0.0	7840.6	2.5	12413.7

K E R O G E N A N A L Y S I S

F O R

W H I T E R I V E R S H A L E C I L C O M P A N Y P - 2

D E N S I T Y L O G

V E L O C I T Y L O G

D E N S I T Y A N D V E L O C I T Y

E P T H	R H O - B	G A L / T O N	A C C U M . Y I E L D	R H C - B	G A L / T O N	A C C U M . Y I E L D	G A L / T O N	A C C U M . Y I E L D
910	2.490	7.2	16994.0	2.556	0.0	7840.6	3.6	12417.3
911	2.480	8.3	17002.3	2.547	0.8	7841.4	4.5	12421.8
912	2.460	10.5	17012.7	2.547	0.8	7842.2	5.6	12427.4
913	2.450	11.6	17024.3	2.547	0.8	7843.0	6.2	12433.6
914	2.460	10.5	17034.8	2.556	0.0	7843.0	5.2	12438.9
915	2.440	12.7	17047.4	2.565	0.0	7843.0	6.3	12445.2
916	2.410	15.9	17063.3	2.578	0.0	7843.0	7.9	12453.1
917	2.370	20.1	17083.4	2.565	0.0	7843.0	10.1	12463.2
918	2.370	20.1	17103.6	2.565	0.0	7843.0	10.1	12473.3
919	2.390	18.0	17121.6	2.565	0.0	7843.0	9.0	12482.3
920	2.400	17.0	17138.5	2.565	0.0	7843.0	8.5	12490.7
921	2.400	17.0	17155.5	2.561	0.0	7843.0	8.5	12499.2
922	2.390	18.0	17173.5	2.561	0.0	7843.0	9.0	12508.2
923	2.370	20.1	17193.6	2.565	0.0	7843.0	10.1	12518.3
924	2.350	22.2	17215.9	2.565	0.0	7843.0	11.1	12529.4
925	2.380	19.1	17235.0	2.565	0.0	7843.0	9.5	12538.9
926	2.420	14.8	17249.8	2.578	0.0	7843.0	7.4	12546.3
927	2.440	12.7	17262.4	2.583	0.0	7843.0	6.3	12552.7
928	2.420	14.8	17277.2	2.583	0.0	7843.0	7.4	12560.1
929	2.440	12.7	17289.9	2.592	0.0	7843.0	6.3	12566.4
930	2.470	9.4	17299.2	2.609	0.0	7843.0	4.7	12571.1
931	2.450	11.6	17310.8	2.609	0.0	7843.0	5.8	12576.9
932	2.460	10.5	17321.3	2.618	0.0	7843.0	5.2	12582.1
933	2.480	8.3	17329.5	2.622	0.0	7843.0	4.1	12586.2
934	2.490	7.2	17336.7	2.618	0.0	7843.0	3.6	12589.8
935	2.490	7.2	17343.9	2.618	0.0	7843.0	3.6	12592.4
936	2.450	11.6	17355.4	2.622	0.0	7843.0	5.8	12599.2
937	2.440	12.7	17368.1	2.618	0.0	7843.0	6.3	12605.5
938	2.460	10.5	17378.6	2.618	0.0	7843.0	5.2	12610.7
939	2.490	7.2	17385.7	2.622	0.0	7843.0	3.6	12614.3
940	2.490	7.2	17392.9	2.622	0.0	7843.0	3.6	12617.9
941	2.490	7.2	17400.1	2.609	0.0	7843.0	3.6	12621.5
942	2.460	10.5	17410.5	2.605	0.0	7843.0	5.2	12626.7
943	2.450	11.6	17422.1	2.605	0.0	7843.0	5.8	12632.5
944	2.450	11.6	17433.7	2.592	0.0	7843.0	5.8	12638.3
945	2.470	9.4	17443.0	2.587	0.0	7843.0	4.7	12643.0
946	2.480	8.3	17451.3	2.592	0.0	7843.0	4.1	12647.1
947	2.510	4.9	17456.3	2.618	0.0	7843.0	2.5	12649.6
948	2.530	2.7	17459.0	2.618	0.0	7843.0	1.4	12650.9
949	2.560	0.0	17459.0	2.609	0.0	7843.0	0.0	12650.9
950	2.580	0.0	17459.0	2.574	0.0	7843.0	0.0	12650.9
951	2.530	2.7	17461.7	2.539	1.7	7844.7	2.2	12653.1
952	2.410	15.9	17477.6	2.516	4.3	7849.0	10.1	12663.2
953	2.330	24.3	17501.9	2.490	7.2	7856.1	15.7	12678.9
954	2.320	25.3	17527.2	2.472	9.2	7865.3	17.3	12696.2
955	2.360	21.2	17548.4	2.415	5.3	7880.6	18.3	12714.5
956	2.380	19.1	17567.5	2.366	20.6	7901.2	19.8	12734.3
957	2.290	28.4	17595.9	2.324	24.9	7926.1	26.7	12760.9
958	2.090	47.9	17643.8	2.303	27.1	7953.2	37.5	12793.4
959	2.170	40.3	17684.1	2.292	28.2	7981.4	34.3	12832.7

K E R O G E N A N A L Y S I S

F O R

W H I T E R I V E R S H A L E C I L C O M P A N Y P - 2

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
960	2.370	20.1	17704.2	2.292	28.2	8009.6	24.2	12856.9
961	2.420	14.8	17719.0	2.362	21.0	8030.6	17.9	12874.8
962	2.420	14.8	17733.8	2.433	13.4	8044.0	14.1	12888.9
963	2.420	14.8	17748.7	2.459	10.6	8054.6	12.7	12901.6
964	2.400	17.0	17765.6	2.477	8.6	8063.2	12.8	12914.3
965	2.480	8.3	17773.9	2.494	6.7	8069.9	7.5	12921.8
966	2.460	10.5	17784.3	2.547	0.8	8070.7	5.6	12927.5
967	2.440	12.7	17797.0	2.569	0.0	8070.7	6.3	12933.8
968	2.440	12.7	17809.6	2.574	0.0	8070.7	6.3	12940.1
969	2.470	9.4	17819.0	2.565	0.0	8070.7	4.7	12944.8
970	2.460	10.5	17829.5	2.561	0.0	8070.7	5.2	12950.0
971	2.450	11.6	17841.1	2.547	0.8	8071.5	6.2	12956.2
972	2.460	10.5	17851.5	2.503	5.7	8077.2	8.1	12964.3
973	2.450	11.6	17863.1	2.477	8.6	8085.3	10.1	12974.4
974	2.390	18.0	17881.1	2.486	7.6	8093.4	12.8	12987.2
975	2.350	22.2	17903.3	2.459	10.6	8104.5	16.4	13003.6
976	2.490	7.2	17910.5	2.446	12.0	8116.0	9.6	13012.2
977	2.460	10.5	17921.0	2.455	11.0	8127.0	10.7	13023.9
978	2.410	15.9	17936.8	2.494	6.7	8133.8	11.3	13035.3
979	2.390	18.0	17954.9	2.477	8.6	8142.4	13.3	13048.6
980	2.450	11.6	17966.4	2.472	9.2	8151.5	10.4	13058.9
981	2.410	15.9	17982.3	2.494	6.7	8158.2	11.3	13070.2
982	2.410	15.9	17998.2	2.446	12.0	8170.2	13.9	13084.2
983	2.350	22.2	18020.4	2.402	16.7	8187.0	19.5	13103.7
984	2.290	28.4	18048.8	2.410	15.9	8202.9	22.2	13125.8
985	2.290	28.4	18077.3	2.450	11.6	8214.4	20.0	13145.8
986	2.410	15.9	18093.1	2.446	12.0	8226.4	13.9	13159.7
987	2.420	14.8	18107.9	2.384	18.7	8245.1	16.7	13176.5
988	2.340	23.3	18131.2	2.388	18.2	8263.3	20.8	13197.2
989	2.190	38.4	18169.6	2.353	21.9	8285.2	30.1	13227.4
990	2.120	45.1	18214.7	2.334	23.9	8309.1	34.5	13261.9
991	2.260	31.5	18246.1	2.287	28.7	8337.8	30.1	13291.9
992	2.290	28.4	18274.6	2.261	31.4	8369.2	29.9	13321.8
993	2.220	35.4	18310.0	2.371	20.0	8389.2	27.7	13349.6
994	2.170	40.3	18350.3	2.415	15.3	8404.6	27.8	13377.4
995	2.230	34.4	18384.8	2.450	11.6	8416.1	23.0	13400.4
996	2.430	13.7	18398.5	2.512	4.7	8420.9	9.2	13409.6
997	2.440	12.7	18411.1	2.543	1.2	8422.1	6.9	13416.6
998	2.370	20.1	18431.3	2.543	1.2	8423.3	10.7	13427.3
999	2.370	20.1	18451.4	2.521	3.7	8427.0	11.9	13439.2
1000	2.340	23.3	18474.7	2.477	8.6	8425.6	15.9	13455.1
1001	2.320	25.3	18500.0	2.455	11.0	8446.7	18.2	13473.3
1002	2.320	25.3	18525.4	2.415	15.3	8462.0	20.3	13493.6
1003	2.330	24.3	18549.7	2.371	20.0	8482.0	22.2	13515.8
1004	2.290	28.4	18578.1	2.371	20.0	8502.1	24.2	13540.0
1005	2.230	34.4	18612.5	2.384	18.7	8520.7	26.6	13566.6
1006	2.360	21.2	18633.7	2.384	18.7	8539.4	19.9	13586.5
1007	2.380	19.1	18652.8	2.397	17.3	8556.6	18.2	13604.7
1008	2.420	14.8	18667.6	2.424	14.4	8571.0	14.6	13619.3
1009	2.370	20.1	18687.7	2.450	11.6	8582.6	15.8	13635.1

KEROGEN ANALYSIS

FCR

WHITE RIVER SHALE OIL COMPANY P-2

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
1010	2.310	26.4	18714.1	2.455	11.0	8593.6	18.7	13653.8
1011	2.380	19.1	18733.2	2.459	10.6	8504.2	14.8	13658.6
1012	2.420	14.8	18748.0	2.468	9.6	8513.8	12.2	13650.8
1013	2.400	17.0	18765.0	2.455	11.0	8624.8	14.0	13694.8
1014	2.350	22.2	18787.2	2.428	13.9	8638.7	18.1	13712.9
1015	2.260	31.5	18818.6	2.410	15.9	8654.6	23.7	13736.6
1016	2.140	43.2	18861.8	2.353	21.9	8676.5	32.6	13789.1
1017	2.230	34.4	18896.3	2.292	28.2	8704.8	31.3	13800.5
1018	2.230	34.4	18930.7	2.324	24.9	8729.6	29.7	13830.1
1019	2.260	31.5	18962.2	2.397	17.3	8746.9	24.4	13854.5
1020	2.420	14.8	18977.0	2.428	13.9	8760.9	14.4	13868.9
1021	2.440	12.7	18989.6	2.459	10.6	8771.4	11.6	13880.5
1022	2.430	13.7	19003.4	2.490	7.2	8778.6	10.5	13890.9
1023	2.400	17.0	19020.3	2.512	4.7	8783.3	10.8	13901.8
1024	2.380	19.1	19039.4	2.503	5.7	8789.1	12.4	13914.2
1025	2.350	22.2	19061.6	2.503	5.7	8794.8	14.0	13928.2
1026	2.370	20.1	19081.8	2.516	4.3	8799.1	12.2	13940.4
1027	2.350	22.2	19104.0	2.503	5.7	8804.8	14.0	13954.4
1028	2.350	22.2	19126.2	2.503	5.7	8810.5	14.0	13968.3
1029	2.390	18.0	19144.2	2.503	5.7	8816.2	11.9	13980.2
1030	2.370	20.1	19164.4	2.503	5.7	8822.0	12.9	13992.1
1031	2.360	21.2	19185.6	2.494	6.7	8828.7	14.0	14007.1
1032	2.370	20.1	19205.7	2.503	5.7	8834.4	12.9	14020.0
1033	2.390	18.0	19223.7	2.516	4.3	8838.7	11.1	14031.2
1034	2.410	15.9	19239.6	2.521	3.7	8842.4	9.8	14041.0
1035	2.440	12.7	19252.2	2.534	2.3	8844.7	7.5	14049.4
1036	2.400	17.0	19269.2	2.543	1.2	8845.9	9.1	14057.5
1037	2.440	12.7	19281.8	2.543	1.2	8847.1	6.9	14064.5
1038	2.460	10.5	19292.3	2.547	0.8	8847.9	5.6	14070.1
1039	2.460	10.5	19302.8	2.565	0.0	8847.9	5.2	14075.3
1040	2.450	11.6	19314.3	2.574	0.0	8847.9	5.8	14081.1
1041	2.420	14.8	19329.2	2.556	0.0	8847.9	7.4	14088.5
1042	2.400	17.0	19346.1	2.543	1.2	8849.2	9.1	14097.6
1043	2.400	17.0	19363.1	2.521	3.7	8852.9	10.3	14107.9
1044	2.330	24.3	19387.4	2.494	6.7	8859.6	15.5	14123.5
1045	2.320	25.3	19412.7	2.486	7.6	8867.2	16.5	14139.9
1046	2.370	20.1	19432.8	2.477	8.6	8875.8	14.4	14154.3
1047	2.370	20.1	19453.0	2.486	7.6	8883.4	13.9	14168.2
1048	2.400	17.0	19469.9	2.534	2.3	8885.7	9.6	14177.8
1049	2.420	13.7	19483.7	2.547	0.8	8886.5	7.3	14185.0
1050	2.460	10.5	19494.1	2.578	0.0	8886.5	5.2	14190.3
1051	2.440	12.7	19506.8	2.472	9.2	8895.6	10.9	14201.2
1052	2.410	15.9	19522.7	2.428	3.9	8899.6	14.9	14216.1
1053	2.300	27.4	19550.1	2.410	5.9	8925.5	21.6	14237.7
1054	2.250	32.5	19582.5	2.388	3.2	8943.7	25.3	14253.1
1055	2.260	31.5	19614.0	2.384	3.7	8962.4	25.1	14268.1
1056	2.290	28.4	19642.4	2.383	3.2	8980.6	23.3	14281.5
1057	2.330	24.3	19666.7	2.424	4.4	8995.0	19.3	14300.8
1058	2.350	22.2	19688.9	2.380	3.1	9014.0	20.7	14321.4
1059	2.280	29.4	19718.4	2.349	2.3	9036.4	25.9	14337.3

K E R O G E N A N A L Y S I S

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WHITE RIVER SHALE OIL COMPANY P-2

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
1060	2.180	39.4	19757.7	2.292	28.2	9064.6	33.8	14411.1
1061	2.180	39.4	19797.1	2.281	29.3	9093.9	34.3	14445.4
1062	2.190	38.4	19835.4	2.303	27.1	9121.0	32.7	14478.2
1063	2.350	22.2	19857.7	2.384	18.7	9139.7	20.4	14498.6
1064	2.420	14.8	19872.5	2.441	12.5	9152.2	13.7	14512.3
1065	2.400	17.0	19889.4	2.472	9.2	9161.4	13.1	14525.4
1066	2.370	20.1	19909.6	2.490	7.2	9168.5	13.7	14539.0
1067	2.400	17.0	19926.5	2.494	6.7	9175.3	11.8	14550.4
1068	2.440	12.7	19939.2	2.494	6.7	9182.0	9.7	14560.5
1069	2.470	9.4	19948.5	2.494	6.7	9188.7	8.1	14568.6
1070	2.440	12.7	19961.2	2.516	4.3	9193.0	8.5	14577.1
1071	2.440	12.7	19973.8	2.516	4.3	9197.3	8.5	14585.5
1072	2.440	12.7	19986.5	2.516	4.3	9201.5	8.5	14594.0
1073	2.420	14.8	20001.3	2.534	2.3	9203.8	8.5	14602.5
1074	2.400	17.0	20018.3	2.539	1.7	9205.5	9.3	14611.8
1075	2.400	17.0	20035.2	2.539	1.7	9207.2	9.3	14621.2
1076	2.400	17.0	20052.2	2.543	1.2	9208.4	9.1	14630.3
1077	2.420	14.8	20067.0	2.547	0.8	9209.2	7.8	14633.0
1078	2.420	14.8	20081.8	2.543	1.2	9210.4	8.0	14646.1
1079	2.440	12.7	20094.4	2.543	1.2	9211.7	6.9	14653.0
1080	2.420	14.8	20109.2	2.547	0.8	9212.5	7.9	14660.8
1081	2.400	17.0	20126.2	2.547	0.8	9213.3	8.9	14669.7
1082	2.370	20.1	20146.3	2.547	0.8	9214.1	10.5	14680.1
1083	2.390	18.0	20164.3	2.543	1.2	9215.3	9.6	14685.8
1084	2.440	12.7	20177.0	2.547	0.8	9216.1	6.7	14696.5
1085	2.470	9.4	20186.4	2.547	0.8	9216.9	5.1	14701.6
1086	2.420	14.8	20201.2	2.543	1.2	9218.1	8.0	14709.6
1087	2.400	17.0	20218.1	2.547	0.8	9218.9	8.9	14718.5
1088	2.420	14.8	20232.9	2.547	0.8	9219.7	7.8	14726.3
1089	2.440	12.7	20245.6	2.534	2.3	9221.9	7.5	14733.7
1090	2.400	17.0	20262.5	2.521	3.7	9225.7	10.3	14744.1
1091	2.390	18.0	20280.5	2.534	2.3	9227.9	10.1	14754.2
1092	2.410	15.9	20296.4	2.530	2.7	9230.6	9.3	14763.5
1093	2.380	19.1	20315.5	2.521	3.7	9234.3	11.4	14774.9
1094	2.390	18.0	20333.5	2.534	2.3	9236.6	10.1	14785.0
1095	2.390	18.0	20351.5	2.521	3.7	9240.3	10.9	14795.9
1096	2.370	20.1	20371.7	2.494	6.7	9247.0	13.4	14809.3
1097	2.340	23.3	20394.9	2.490	7.2	9254.2	15.2	14824.5
1098	2.320	25.3	20420.3	2.494	6.7	9260.9	16.0	14840.6
1099	2.290	28.4	20448.7	2.490	7.2	9268.1	17.8	14858.4
1100	2.290	28.4	20477.1	2.490	7.2	9275.3	17.8	14876.2
1101	2.260	21.2	20498.3	2.468	9.6	9284.8	15.4	14891.6
1102	2.380	19.1	20517.4	2.459	10.6	9295.4	14.8	14906.4
1103	2.350	22.2	20539.6	2.455	11.0	9306.4	16.6	14923.0
1104	2.260	21.5	20571.1	2.410	15.9	9322.3	23.7	14946.7
1105	2.210	26.4	20597.4	2.371	20.0	9342.4	23.2	14969.9
1106	2.350	22.2	20615.7	2.366	20.6	9362.9	21.4	14991.3
1107	2.340	23.3	20642.9	2.384	18.7	9381.6	21.0	15012.2
1108	2.380	19.1	20662.0	2.433	13.4	9395.0	16.2	15028.5
1109	2.370	20.1	20682.2	2.450	11.6	9406.5	15.8	15044.3

K E R O G E N A N A L Y S I S

FOR

WHITE RIVER SHALE OIL COMPANY P-2

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
1110	2.380	19.1	20701.2	2.477	8.6	9415.1	13.8	15058.2
1111	2.390	18.0	20719.3	2.499	6.2	9421.3	12.1	15070.3
1112	2.390	18.0	20737.3	2.512	4.7	9426.0	11.4	15081.6
1113	2.400	17.0	20754.2	2.521	3.7	9429.7	10.3	15092.0
1114	2.440	12.7	20766.9	2.525	3.3	9433.0	8.0	15099.9
1115	2.420	14.8	20781.7	2.530	2.7	9435.7	8.8	15108.7
1116	2.420	14.8	20796.5	2.512	4.7	9440.4	9.8	15118.4
1117	2.410	15.9	20812.4	2.516	4.3	9444.7	10.1	15128.5
1118	2.390	18.0	20830.4	2.516	4.3	9449.0	11.1	15139.7
1119	2.390	18.0	20848.4	2.516	4.3	9453.3	11.1	15150.8
1120	2.420	14.8	20863.2	2.503	5.7	9459.0	10.3	15161.1
1121	2.430	13.7	20876.9	2.516	4.3	9463.3	9.0	15170.1
1122	2.410	15.9	20892.8	2.622	0.0	9463.3	7.9	15178.0
1123	2.410	15.9	20908.7	2.477	8.6	9471.9	12.2	15190.3
1124	2.380	19.1	20927.8	2.472	9.2	9481.0	14.1	15204.4
1125	2.340	23.3	20951.1	2.455	11.0	9492.1	17.1	15221.5
1126	2.290	28.4	20979.5	2.428	13.9	9506.0	21.2	15242.7
1127	2.280	29.4	21008.9	2.410	15.9	9521.9	22.7	15265.4
1128	2.320	25.3	21034.3	2.410	15.9	9537.8	20.6	15286.0
1129	2.340	23.3	21057.5	2.388	18.2	9556.0	20.8	15306.7
1130	2.300	27.4	21084.9	2.388	18.2	9574.2	22.8	15329.5
1131	2.310	26.4	21111.3	2.428	13.9	9588.2	20.2	15349.7
1132	2.340	23.3	21134.6	2.406	16.3	9604.5	19.8	15369.5
1133	2.320	25.3	21159.9	2.402	16.7	9621.2	21.0	15390.5
1134	2.280	29.4	21189.3	2.410	15.9	9637.1	22.7	15412.2
1135	2.230	34.4	21223.8	2.437	13.0	9650.1	23.7	15436.9
1136	2.250	32.5	21256.3	2.433	13.4	9663.5	22.9	15459.8
1137	2.350	22.2	21278.5	2.433	13.4	9676.9	17.8	15477.7
1138	2.370	20.1	21298.6	2.472	9.2	9686.0	14.6	15492.3
1139	2.300	27.4	21326.0	2.486	7.6	9693.7	17.5	15509.8
1140	2.370	20.1	21346.1	2.512	4.7	9698.4	12.4	15522.2
1141	2.400	17.0	21363.1	2.543	1.2	9699.6	9.1	15531.3
1142	2.420	14.8	21377.9	2.547	0.8	9700.4	7.8	15539.1
1143	2.440	12.7	21390.6	2.547	0.8	9701.2	6.7	15545.9
1144	2.450	11.6	21402.1	2.547	0.8	9702.0	6.2	15552.0
1145	2.450	11.6	21413.7	2.547	0.8	9702.8	6.2	15558.2
1146	2.450	11.6	21425.2	2.583	0.0	9702.8	5.8	15564.0
1147	2.420	14.8	21440.1	2.494	6.7	9709.5	10.8	15574.8
1148	2.440	12.7	21452.7	2.503	5.7	9715.2	9.2	15583.9
1149	2.440	12.7	21465.4	2.561	0.0	9715.2	6.3	15590.3
1150	2.440	12.7	21478.0	2.547	0.8	9716.0	6.7	15597.0
1151	2.440	12.7	21490.6	2.521	3.7	9719.7	8.2	15605.2
1152	2.460	10.5	21501.1	2.521	3.7	9723.4	7.1	15612.3
1153	2.440	12.7	21513.8	2.521	3.7	9727.2	8.2	15620.4
1154	2.420	14.8	21528.6	2.494	6.7	9733.9	10.8	15631.2
1155	2.450	11.6	21540.1	2.503	5.7	9739.6	8.6	15639.9
1156	2.450	11.6	21551.7	2.521	3.7	9743.3	7.6	15647.5
1157	2.380	19.1	21570.8	2.516	4.3	9747.6	11.7	15659.2
1158	2.400	17.0	21587.7	2.521	3.7	9751.3	10.3	15669.5
1159	2.460	10.5	21598.2	2.556	0.0	9751.3	5.2	15674.7

K E R O G E N A N A L Y S I S

FOR

WHITE RIVER SHALE OIL COMPANY P-2

DENSITY LOG

VELOCITY LOG

DENSITY AND VELOCITY

DEPTH	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
1160	2.480	8.3	21606.5	2.556	0.0	9751.3	4.1	15678.9
1161	2.470	9.4	21615.8	2.547	0.8	9752.1	5.1	15684.0
1162	2.460	10.5	21626.3	2.543	1.2	9753.4	5.9	15689.8
1163	2.400	17.0	21643.3	2.539	1.7	9755.0	9.3	15699.1
1164	2.440	12.7	21655.9	2.530	2.7	9757.8	7.7	15706.8
1165	2.470	9.4	21665.3	2.534	2.3	9760.0	5.8	15712.6
1166	2.450	11.6	21676.9	2.561	0.0	9760.0	5.8	15718.4
1167	2.470	9.4	21686.2	2.565	0.0	9760.0	4.7	15723.1
1168	2.460	8.3	21694.5	2.578	0.0	9760.0	4.1	15727.2
1169	2.480	8.3	21702.8	2.587	0.0	9760.0	4.1	15731.4
1170	2.460	10.5	21713.2	2.583	0.0	9760.0	5.2	15736.6
1171	2.480	8.3	21721.5	2.565	0.0	9760.0	4.1	15740.7
1172	2.490	7.2	21728.7	2.543	1.2	9761.2	4.2	15744.9
1173	2.490	7.2	21735.9	2.530	2.7	9763.9	4.9	15749.9
1174	2.460	8.3	21744.1	2.512	4.7	9768.7	6.5	15756.4
1175	2.470	9.4	21753.5	2.512	4.7	9773.4	7.1	15763.4
1176	2.400	17.0	21770.5	2.539	1.7	9775.1	9.3	15772.8
1177	2.460	10.5	21780.9	2.534	2.3	9777.3	6.4	15779.1
1178	2.520	2.7	21783.6	2.547	0.8	9778.1	1.7	15780.9
1179	2.510	4.9	21788.6	2.561	0.0	9778.1	2.5	15783.3
1180	2.460	8.3	21796.9	2.561	0.0	9778.1	4.1	15787.5
1181	2.460	8.3	21805.1	2.539	1.7	9779.8	5.0	15792.5
1182	2.480	8.3	21813.4	2.534	2.3	9782.1	5.3	15797.7
1183	2.460	10.5	21823.9	2.543	1.2	9783.3	5.9	15803.6
1184	2.400	17.0	21840.8	2.543	1.2	9784.6	9.1	15812.7
1185	2.400	17.0	21857.8	2.543	1.2	9785.8	9.1	15821.8
1186	2.470	9.4	21867.1	2.561	0.0	9785.8	4.7	15826.5
1187	2.490	7.2	21874.3	2.556	0.0	9785.8	3.6	15830.0
1188	2.510	4.9	21879.3	2.521	3.7	9789.5	4.3	15834.4
1189	2.450	11.6	21890.8	2.521	3.7	9793.2	7.6	15842.0
1190	2.460	10.5	21901.3	2.534	2.3	9795.5	6.4	15848.4
1191	2.440	12.7	21913.9	2.530	2.7	9798.2	7.7	15856.1
1192	2.450	11.6	21925.5	2.521	3.7	9801.9	7.6	15863.7
1193	2.470	9.4	21934.9	2.534	2.3	9804.1	5.8	15869.5
1194	2.460	10.5	21945.3	2.539	1.7	9805.8	6.1	15875.6
1195	2.460	10.5	21955.8	2.543	1.2	9807.1	5.9	15881.4
1196	2.460	10.5	21966.3	2.561	0.0	9807.1	5.2	15886.7
1197	2.510	4.9	21971.2	2.565	0.0	9807.1	2.5	15889.2
1198	2.540	1.6	21972.8	2.547	0.8	9807.9	1.2	15890.3
1199	2.480	8.3	21981.1	2.547	0.8	9808.7	4.5	15894.9
1200	2.510	4.9	21986.0	2.543	1.2	9809.9	3.1	15898.0
1201	2.490	7.2	21993.2	2.543	1.2	9811.1	4.2	15902.2
1202	2.420	14.8	22008.0	2.543	1.2	9812.4	8.0	15910.2
1203	2.270	20.1	22028.1	2.543	1.2	9813.6	10.7	15920.9
1204	2.270	30.4	22058.6	2.547	0.8	9814.4	15.6	15936.5
1205	2.290	28.4	22087.0	2.539	1.7	9816.1	15.1	15951.6
1206	2.390	16.0	22105.0	2.477	8.6	9824.7	13.3	15964.9
1207	2.440	12.7	22117.7	2.477	8.6	9833.3	10.6	15975.5
1208	2.400	17.0	22134.6	2.472	9.2	9842.5	13.1	15988.5
1209	2.320	25.3	22160.0	2.472	9.2	9851.6	17.3	16005.8

K E R O G E N A N A L Y S I S

FOR

WHITE RIVER SHALE OIL COMPANY P-2

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
1260	2.370	20.1	23202.2	2.441	12.5	10450.9	16.3	16826.6
1261	2.370	20.1	23222.4	2.459	10.6	10461.5	15.4	16842.0
1262	2.370	20.1	23242.5	2.477	8.6	10470.1	14.4	16856.3
1263	2.380	19.1	23261.6	2.472	9.2	10479.3	14.1	16870.4
1264	2.370	20.1	23281.7	2.472	9.2	10488.4	14.6	16885.1
1265	2.350	22.2	23304.0	2.450	11.6	10500.0	16.9	16902.0
1266	2.290	28.4	23332.4	2.415	15.3	10515.3	21.9	16923.9
1267	2.270	30.4	23362.8	2.371	20.0	10535.4	25.2	16949.1
1268	2.230	34.4	23397.3	2.344	22.9	10558.2	28.7	16977.8
1269	2.180	39.4	23436.6	2.314	26.0	10584.2	32.7	17010.4
1270	2.210	36.4	23473.0	2.314	26.0	10610.2	31.2	17041.6
1271	2.250	32.5	23505.5	2.324	24.9	10635.1	28.7	17070.3
1272	2.300	27.4	23532.9	2.340	23.3	10658.4	25.3	17095.7
1273	2.310	26.4	23555.3	2.371	20.0	10678.4	23.2	17118.9
1274	2.310	26.4	23585.6	2.388	18.2	10696.7	22.3	17141.2
1275	2.320	25.3	23611.0	2.402	16.7	10713.4	21.0	17162.2
1276	2.310	26.4	23637.4	2.388	18.2	10731.6	22.3	17184.5
1277	2.310	26.4	23663.7	2.371	20.0	10751.7	23.2	17207.7
1278	2.280	29.4	23693.2	2.415	15.3	10767.0	22.4	17230.1
1279	2.290	28.4	23721.6	2.388	18.2	10785.2	23.3	17253.4
1280	2.250	32.5	23754.0	2.388	18.2	10803.5	25.3	17276.8
1281	2.230	34.4	23788.5	2.366	20.6	10824.0	27.5	17306.3
1282	2.150	42.2	23830.7	2.340	23.3	10847.3	32.8	17339.0
1283	2.070	49.7	23880.5	2.270	30.4	10877.7	40.1	17379.1