

NEUTRON ANALYSIS

FOR:

THE CLEVELAND CLIFFS IRON COMPANY-CELL A-5

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
60	2.310	26.4	26.4					
61	2.190	33.4	64.8					
62	2.195	37.9	102.6					
63	2.200	37.4	140.1					
64	2.200	37.4	177.5					
65	2.230	34.4	211.9					
66	2.255	32.0	243.9					
67	2.250	32.5	276.3					
68	2.250	32.5	308.8					
69	2.295	27.9	336.7					
70	2.255	32.0	368.6					
71	2.220	35.4	404.1					
72	2.240	33.5	437.5					
73	2.240	33.5	471.0					
74	2.250	32.5	503.5					
75	2.275	29.9	533.4					
76	2.295	27.9	561.3					
77	2.320	25.3	586.7					
78	2.325	24.8	611.5					
79	2.305	26.9	638.4					
80	2.275	29.9	668.3					
81	2.260	31.5	699.8					
82	2.265	31.0	730.7					
83	2.275	29.9	760.7					
84	2.295	27.9	788.6					
85	2.290	28.4	817.0					
86	2.300	27.4	844.4					
87	2.300	27.4	871.8					
88	2.290	28.4	900.2					
89	2.295	27.9	928.1					
90	2.290	28.4	956.6					
91	2.275	29.9	986.5					
92	2.260	31.5	1018.0					
93	2.250	32.5	1050.4					
94	2.265	32.0	1082.4					
95	2.255	32.0	1114.3					
96	2.275	29.9	1144.3					
97	2.270	30.4	1174.7					
98	2.260	31.5	1206.2					
99	2.265	31.0	1237.1					
100	2.265	31.0	1268.1					
101	2.255	32.0	1300.0					
102	2.245	33.0	1333.0					
103	2.245	33.0	1366.0					
104	2.260	31.5	1397.4					
105	2.265	31.0	1428.4					
106	2.265	31.0	1459.9					
107	2.260	31.5	1491.4					
108	2.260	31.5	1522.9					
109	2.260	31.5	1554.4					

PHYSICAL ANALYSIS

FOR

THE CLEVELAND CLIFFS IRON COMPANY-WELL X-5

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
110	2.21	38.9	1710.0					
111	2.21	38.9	1717.9					
112	2.22	39.4	1725.3					
113	2.22	39.4	1732.8					
114	2.23	40.0	1740.2					
115	2.23	40.0	1747.2					
116	2.23	40.0	1754.2					
117	2.23	40.0	1761.2					
118	2.23	40.0	1768.2					
119	2.23	40.0	1775.2					
120	2.23	40.0	1782.2					
121	2.23	40.0	1789.2					
122	2.23	40.0	1796.2					
123	2.23	40.0	1803.2					
124	2.23	40.0	1810.2					
125	2.23	40.0	1817.2					
126	2.23	40.0	1824.2					
127	2.23	40.0	1831.2					
128	2.23	40.0	1838.2					
129	2.23	40.0	1845.2					
130	2.23	40.0	1852.2					
131	2.23	40.0	1859.2					
132	2.23	40.0	1866.2					
133	2.23	40.0	1873.2					
134	2.23	40.0	1880.2					
135	2.23	40.0	1887.2					
136	2.23	40.0	1894.2					
137	2.23	40.0	1901.2					
138	2.23	40.0	1908.2					
139	2.23	40.0	1915.2					
140	2.23	40.0	1922.2					
141	2.23	40.0	1929.2					
142	2.23	40.0	1936.2					
143	2.23	40.0	1943.2					
144	2.23	40.0	1950.2					
145	2.23	40.0	1957.2					
146	2.23	40.0	1964.2					
147	2.23	40.0	1971.2					
148	2.23	40.0	1978.2					
149	2.23	40.0	1985.2					
150	2.23	40.0	1992.2					
151	2.23	40.0	1999.2					
152	2.23	40.0	2006.2					
153	2.23	40.0	2013.2					
154	2.23	40.0	2020.2					
155	2.23	40.0	2027.2					
156	2.23	40.0	2034.2					
157	2.23	40.0	2041.2					
158	2.23	40.0	2048.2					
159	2.23	40.0	2055.2					
160	2.23	40.0	2062.2					
161	2.23	40.0	2069.2					
162	2.23	40.0	2076.2					
163	2.23	40.0	2083.2					
164	2.23	40.0	2090.2					
165	2.23	40.0	2097.2					
166	2.23	40.0	2104.2					
167	2.23	40.0	2111.2					
168	2.23	40.0	2118.2					
169	2.23	40.0	2125.2					
170	2.23	40.0	2132.2					
171	2.23	40.0	2139.2					
172	2.23	40.0	2146.2					
173	2.23	40.0	2153.2					
174	2.23	40.0	2160.2					
175	2.23	40.0	2167.2					
176	2.23	40.0	2174.2					
177	2.23	40.0	2181.2					
178	2.23	40.0	2188.2					
179	2.23	40.0	2195.2					
180	2.23	40.0	2202.2					
181	2.23	40.0	2209.2					
182	2.23	40.0	2216.2					
183	2.23	40.0	2223.2					
184	2.23	40.0	2230.2					
185	2.23	40.0	2237.2					
186	2.23	40.0	2244.2					
187	2.23	40.0	2251.2					
188	2.23	40.0	2258.2					
189	2.23	40.0	2265.2					
190	2.23	40.0	2272.2					
191	2.23	40.0	2279.2					
192	2.23	40.0	2286.2					
193	2.23	40.0	2293.2					
194	2.23	40.0	2300.2					
195	2.23	40.0	2307.2					
196	2.23	40.0	2314.2					
197	2.23	40.0	2321.2					
198	2.23	40.0	2328.2					
199	2.23	40.0	2335.2					
200	2.23	40.0	2342.2					

WATER ANALYSIS

WATER ANALYSIS

THE FOLLOWING DATA IS TAKEN ON PLY-VELL X-5

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHC-6	GAL/TON	ACCUM. YIELD	RHC-8	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
160	2.272	27.4	2772.6					
161	2.272	27.4	2772.6					
162	2.272	27.4	2772.6					
163	2.272	27.4	2772.6					
164	2.272	27.4	2772.6					
165	2.272	27.4	2772.6					
166	2.272	27.4	2772.6					
167	2.272	27.4	2772.6					
168	2.272	27.4	2772.6					
169	2.272	27.4	2772.6					
170	2.272	27.4	2772.6					
171	2.272	27.4	2772.6					
172	2.272	27.4	2772.6					
173	2.272	27.4	2772.6					
174	2.272	27.4	2772.6					
175	2.272	27.4	2772.6					
176	2.272	27.4	2772.6					
177	2.272	27.4	2772.6					
178	2.272	27.4	2772.6					
179	2.272	27.4	2772.6					
180	2.272	27.4	2772.6					
181	2.272	27.4	2772.6					
182	2.272	27.4	2772.6					
183	2.272	27.4	2772.6					
184	2.272	27.4	2772.6					
185	2.272	27.4	2772.6					
186	2.272	27.4	2772.6					
187	2.272	27.4	2772.6					
188	2.272	27.4	2772.6					
189	2.272	27.4	2772.6					
190	2.272	27.4	2772.6					
191	2.272	27.4	2772.6					
192	2.272	27.4	2772.6					
193	2.272	27.4	2772.6					
194	2.272	27.4	2772.6					
195	2.272	27.4	2772.6					
196	2.272	27.4	2772.6					
197	2.272	27.4	2772.6					
198	2.272	27.4	2772.6					
199	2.272	27.4	2772.6					
200	2.272	27.4	2772.6					
201	2.272	27.4	2772.6					
202	2.272	27.4	2772.6					
203	2.272	27.4	2772.6					
204	2.272	27.4	2772.6					
205	2.272	27.4	2772.6					
206	2.272	27.4	2772.6					
207	2.272	27.4	2772.6					
208	2.272	27.4	2772.6					
209	2.272	27.4	2772.6					
210	2.272	27.4	2772.6					

REPORT ON ANALYSIS

FOR

THE CLEVELAND CLIFFS IRON COMPANY-WELL X-5

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
210	2.375	15.1	4767.1					
211	2.370	20.1	4787.2					
212	2.365	20.7	4807.9					
213	2.365	20.7	4828.6					
214	2.365	20.7	4849.2					
215	2.365	20.7	4869.9					
216	2.370	20.1	4890.0					
217	2.325	24.8	4914.8					
218	2.320	25.3	4940.2					
219	2.325	24.8	4965.0					
220	2.330	24.3	4989.3					
221	2.320	25.3	5014.7					
222	2.320	25.3	5040.0					
223	2.350	28.4	5068.4					
224	2.300	27.4	5095.8					
225	2.370	20.1	5116.0					
226	2.375	19.6	5135.6					
227	2.420	14.8	5150.4					
228	2.485	7.7	5158.1					
229	2.495	6.6	5164.7					
230	2.405	16.4	5181.1					
231	2.450	11.6	5192.7					
232	2.435	13.2	5205.9					
233	2.390	18.0	5223.9					
234	2.410	15.5	5239.8					
235	2.345	22.8	5262.5					
236	2.330	24.3	5286.9					
237	2.350	22.2	5309.1					
238	2.345	22.8	5331.8					
239	2.340	23.3	5355.1					
240	2.360	21.2	5376.3					
241	2.325	24.8	5401.1					
242	2.310	26.4	5427.5					
243	2.390	18.0	5445.5					
244	2.425	14.3	5459.8					
245	2.415	15.3	5475.1					
246	2.355	21.7	5496.8					
247	2.352	21.9	5520.6					
248	2.351	21.7	5542.3					
249	2.351	21.8	5566.1					
250	2.351	21.7	5590.8					
251	2.400	16.5	5602.7					
252	2.350	21.4	5619.1					
253	2.350	21.1	5635.2					
254	2.350	21.9	5653.5					
255	2.350	21.6	5671.4					
256	2.350	21.6	5689.2					
257	2.350	21.6	5707.1					
258	2.350	21.6	5725.0					
259	2.350	21.6	5742.9					

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

FOR

THE CLEVELAND CLIFFS IRON COMPANY-WELL X-5

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	2.350	19.1	5800.0					
261	2.410	15.8	5815.8					
262	2.425	14.3	5830.1					
263	2.525	14.3	5844.4					
264	2.425	14.3	5858.7					
265	2.425	14.3	5872.9					
266	2.430	11.6	5884.5					
267	2.435	13.2	5897.7					
268	2.430	13.7	5911.4					
269	2.455	11.0	5922.4					
270	2.485	7.7	5930.1					
271	2.450	11.6	5941.7					
272	2.430	13.7	5955.4					
273	2.405	16.4	5971.9					
274	2.340	23.3	5995.1					
275	2.330	24.3	6019.4					
276	2.395	17.5	6036.9					
277	2.405	16.4	6053.3					
278	2.350	22.2	6075.6					
279	2.365	20.7	6096.2					
280	2.360	21.2	6117.4					
281	2.345	22.8	6140.2					
282	2.385	18.5	6158.7					
283	2.425	14.3	6173.0					
284	2.400	17.0	6189.9					
285	2.365	20.7	6210.6					
286	2.415	15.3	6226.0					
287	2.390	18.0	6244.0					
288	2.325	24.8	6268.8					
289	2.325	24.8	6293.6					
290	2.320	24.3	6317.9					
291	2.365	20.7	6338.6					
292	2.410	15.8	6354.5					
293	2.425	14.3	6368.8					
294	2.355	21.7	6390.5					
295	2.320	25.3	6415.8					
296	2.340	23.3	6439.1					
297	2.285	28.6	6468.0					
298	2.215	25.9	6493.9					
299	2.460	10.5	6504.3					
300	2.405	16.4	6520.8					
301	2.370	20.1	6540.9					
302	2.400	17.0	6557.8					
303	2.375	19.6	6577.4					
304	2.355	21.7	6599.1					
305	2.425	11.0	6610.2					
306	2.470	9.4	6619.9					
307	2.375	19.6	6639.1					
308	2.375	19.6	6658.7					
309	2.375	19.6	6678.3					

ANALYSIS

FOR

THE CLEVELAND CLIFFS IRON COMPANY-KELL X-5

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	REC-B	GAL/TON	ACCUM. YIELD	REC-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
310	2.630	21.7	6591.5					
311	2.640	22.3	6714.8					
312	2.650	24.3	6739.1					
313	2.660	24.0	6773.1					
314	2.670	21.3	6814.3					
315	2.680	27.9	6842.3					
316	2.690	25.3	6867.6					
317	2.700	20.7	6888.3					
318	2.710	19.2	6901.4					
319	2.720	24.8	6926.3					
320	2.730	27.9	6954.2					
321	2.740	16.4	6970.6					
322	2.750	15.9	6986.9					
323	2.760	24.3	7010.8					
324	2.770	6.1	7016.9					
325	2.780	0.0	7016.9					
326	2.790	0.0	7016.9					
327	2.800	0.0	7016.9					
328	2.810	0.0	7016.9					
329	2.820	0.0	7016.9					
330	2.830	0.0	7016.9					
331	2.840	0.0	7016.9					
332	2.850	0.0	7016.9					
333	2.860	0.0	7016.9					
334	2.870	0.0	7016.9					
335	2.880	0.0	7016.9					
336	2.890	0.0	7016.9					
337	2.900	0.0	7016.9					
338	2.910	0.0	7016.9					
339	2.920	0.0	7016.9					
340	2.930	0.0	7016.9					
341	2.940	0.0	7016.9					
342	2.950	0.0	7016.9					
343	2.960	0.0	7016.9					
344	2.970	0.0	7016.9					
345	2.980	0.0	7016.9					
346	2.990	0.0	7016.9					
347	3.000	0.0	7016.9					
348	3.010	0.0	7016.9					
349	3.020	0.0	7016.9					
350	3.030	0.0	7016.9					
351	3.040	11.5	7029.0					
352	3.050	11.5	7040.5					
353	3.060	11.5	7043.2					
354	3.070	11.5	7043.2					
355	3.080	11.5	7043.2					
356	3.090	11.5	7043.2					
357	3.100	11.5	7043.2					
358	3.110	11.5	7043.2					
359	3.120	11.5	7043.2					
360	3.130	11.5	7043.2					
361	3.140	11.5	7043.2					
362	3.150	11.5	7043.2					
363	3.160	11.5	7043.2					
364	3.170	11.5	7043.2					
365	3.180	11.5	7043.2					
366	3.190	11.5	7043.2					
367	3.200	11.5	7043.2					
368	3.210	11.5	7043.2					
369	3.220	11.5	7043.2					
370	3.230	11.5	7043.2					
371	3.240	11.5	7043.2					
372	3.250	11.5	7043.2					
373	3.260	11.5	7043.2					
374	3.270	11.5	7043.2					
375	3.280	11.5	7043.2					
376	3.290	11.5	7043.2					
377	3.300	11.5	7043.2					
378	3.310	11.5	7043.2					
379	3.320	11.5	7043.2					
380	3.330	11.5	7043.2					
381	3.340	11.5	7043.2					
382	3.350	11.5	7043.2					
383	3.360	11.5	7043.2					
384	3.370	11.5	7043.2					
385	3.380	11.5	7043.2					
386	3.390	11.5	7043.2					
387	3.400	11.5	7043.2					
388	3.410	11.5	7043.2					
389	3.420	11.5	7043.2					
390	3.430	11.5	7043.2					
391	3.440	11.5	7043.2					
392	3.450	11.5	7043.2					
393	3.460	11.5	7043.2					
394	3.470	11.5	7043.2					
395	3.480	11.5	7043.2					
396	3.490	11.5	7043.2					
397	3.500	11.5	7043.2					
398	3.510	11.5	7043.2					
399	3.520	11.5	7043.2					
400	3.530	11.5	7043.2					
401	3.540	11.5	7043.2					
402	3.550	11.5	7043.2					
403	3.560	11.5	7043.2					
404	3.570	11.5	7043.2					
405	3.580	11.5	7043.2					
406	3.590	11.5	7043.2					
407	3.600	11.5	7043.2					
408	3.610	11.5	7043.2					
409	3.620	11.5	7043.2					
410	3.630	11.5	7043.2					
411	3.640	11.5	7043.2					
412	3.650	11.5	7043.2					
413	3.660	11.5	7043.2					
414	3.670	11.5	7043.2					
415	3.680	11.5	7043.2					
416	3.690	11.5	7043.2					
417	3.700	11.5	7043.2					
418	3.710	11.5	7043.2					
419	3.720	11.5	7043.2					
420	3.730	11.5	7043.2					
421	3.740	11.5	7043.2					
422	3.750	11.5	7043.2					
423	3.760	11.5	7043.2					
424	3.770	11.5	7043.2					
425	3.780	11.5	7043.2					
426	3.790	11.5	7043.2					
427	3.800	11.5	7043.2					
428	3.810	11.5	7043.2					
429	3.820	11.5	7043.2					
430	3.830	11.5	7043.2					
431	3.840	11.5	7043.2					
432	3.850	11.5	7043.2					
433	3.860	11.5	7043.2					
434	3.870	11.5	7043.2					
435	3.880	11.5	7043.2					
436	3.890	11.5	7043.2					
437	3.900	11.5	7043.2					
438	3.910	11.5	7043.2					
439	3.920	11.5	7043.2					
440	3.930	11.5	7043.2					
441	3.940	11.5	7043.2					
442	3.950	11.5	7043.2					
443	3.960	11.5	7043.2					
444	3.970	11.5	7043.2					
445	3.980	11.5	7043.2					
446	3.990	11.5	7043.2					
447	4.000	11.5	7043.2					
448	4.010	11.5	7043.2					
449	4.020	11.5	7043.2					
450	4.030	11.5	7043.2					
451	4.040	11.5	7043.2					
452	4.050	11.5	7043.2					
453	4.060	11.5	7043.2					
454	4.070	11.5	7043.2					
455	4.080	11.5	7043.2					
456	4.090	11.5	7043.2					
457	4.100	11.5	7043.2					
458	4.110	11.5	7043.2					
459	4.120	11.5	7043.2					
460	4.130	11.5	7043.2					
461	4.140	11.5	7043.2					
462	4.150	11.5	7043.2					
463	4.160	11.5	7043.2					
464	4.170	11.5	7043.2					
465	4.180	11.5	7043.2					
466	4.190	11.5	7043.2					
467	4.200	11.5	7043.2					
468	4.210	11.5	7043.2					
469	4.220	11.5	7043.2					
470	4.230	11.5	7043.2					
471	4.240	11.5	7043.2					
472	4.250	11.5	7043.2					
473	4.260	11.5	7043.2					
474	4.270	11.5	7043.2					
475	4.280	11.5	7043.2					
476	4.290	11.5	7043.2					
477	4.300	11.5	7043.2					
478	4.310	11.5	7043.2					
479	4.320	11.5	7043.2					
480	4.330	11.5	7043.2					
481	4.340	11.5	7043.2					
482	4.350	11.5	7043.2					
483	4.360	11.5	7043.2					
484	4.370	11.5	7043.2					
485	4.380	11.5	7043.2					
486	4.390	11.5	7043.2					
487	4.400	11.5	7043.2					
488	4.410	11.5	7043.2					
489	4.420	11.5	7043.2					
490	4.430	11.5	7043.2					
491	4.440	11.5	7043.2					
492	4.450	11.5	7043.2					
493	4.460	11.5	7043.2					
494	4.470	11.5	7043.2					
495	4.480	11.5	7043.2					
496	4.490	11.5	7043.2					
497	4.500	11.5	7043.2					
498	4.510	11.5	7043.2					
499	4.520	11.5	7043.2					
500	4.530	11.5	7043.2					

THE CLEVELAND CLIFFS IRON COMPANY WELLS X-5

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	GAL/TON	ACCUM. YIELD	RHO-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
360	2.335	13.5	7031.0					
361	2.330	13.2	7101.2					
362	2.425	14.2	7111.3					
363	2.490	17.2	7124.7					
364	2.540	18.6	7126.2					
365	2.525	18.3	7129.5					
366	2.525	18.3	7131.3					
367	2.545	18.0	7133.8					
368	2.575	0.0	7135.8					
369	2.575	0.0	7139.8					
370	2.520	3.8	7137.6					
371	2.470	2.4	7147.0					
372	2.400	17.0	7163.9					
373	2.355	21.7	7185.7					
374	2.330	24.3	7210.0					
375	2.315	25.3	7235.8					
376	2.320	25.3	7261.2					
377	2.325	24.8	7286.0					
378	2.375	19.6	7305.6					
379	2.370	20.1	7325.7					
380	2.350	22.2	7348.0					
381	2.260	31.5	7379.4					
382	2.265	31.0	7410.4					
383	2.280	29.4	7439.8					
384	2.285	28.9	7468.7					
385	2.245	23.0	7501.7					
386	2.265	31.0	7532.6					
387	2.290	28.4	7561.1					
388	2.275	29.3	7591.0					
389	2.275	29.9	7620.9					
390	2.335	23.8	7644.7					
391	2.460	10.5	7655.2					
392	2.580	0.0	7655.2					
393	2.610	0.0	7655.2					
394	2.615	0.0	7655.2					
395	2.540	1.6	7656.8					
396	2.495	6.6	7663.4					
397	2.505	12.2	7668.9					
398	2.505	12.2	7674.4					
399	2.485	7.7	7683.1					
400	2.485	10.5	7692.6					
401	2.535	17.9	7710.1					
402	2.535	24.5	7734.5					
403	2.535	24.5	7767.4					
404	2.535	24.5	7809.6					
405	2.535	24.5	7862.1					
406	2.535	24.5	7891.9					
407	2.535	24.5	7911.4					
408	2.535	24.5	7931.4					
409	2.535	24.5	7951.4					

THE CLEVELAND CLIFFS IRON COMPANY-DELL X-5

THE CLEVELAND CLIFFS IRON COMPANY-DELL X-5

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHO-B	SALTON	ACCUM. YIELD	RHO-B	SALTON	ACCUM. YIELD	SALTON	ACCUM. YIELD
410	2.1	37.9	7915.6					
411	2.1	37.9	8027.6					
412	2.1	38.9	8066.4					
413	2.1	21.2	8067.6					
414	2.1	19.0	8125.6					
415	2.1	20.1	8125.6					
416	2.1	21.7	8147.9					
417	2.1	24.3	8171.8					
418	2.1	22.8	8194.9					
419	2.1	22.8	8217.3					
420	2.1	27.9	8245.2					
421	2.1	17.4	8272.6					
422	2.1	6.1	8278.6					
423	2.1	7.7	8286.4					
424	2.1	0.4	8286.8					
425	2.1	0.0	8286.8					
426	2.1	3.8	8290.6					
427	2.1	0.0	8290.6					
428	2.1	2.7	8293.4					
429	2.1	10.5	8303.8					
430	2.1	3.3	8307.1					
431	2.1	15.5	8323.0					
432	2.1	20.4	8346.4					
433	2.1	20.5	8365.3					
434	2.1	43.6	8434.1					
435	2.1	59.2	8492.3					
436	2.1	36.4	8532.6					
437	2.1	3.3	8535.5					
438	2.1	4.5	8540.8					
439	2.1	10.5	8551.3					
440	2.1	20.7	8571.9					
441	2.1	41.6	8613.7					
442	2.1	37.4	8671.1					
443	2.1	22.2	8733.3					
444	2.1	70.5	8803.8					
445	2.1	74.6	8875.4					
446	2.1	76.6	8956.0					
447	2.1	77.7	9027.7					
448	2.1	77.4	9098.5					
449	2.1	77.4	9169.3					
450	2.1	77.4	9240.1					
451	2.1	77.4	9310.9					
452	2.1	77.4	9381.7					
453	2.1	77.4	9452.5					
454	2.1	77.4	9523.3					
455	2.1	77.4	9594.1					
456	2.1	77.4	9664.9					
457	2.1	77.4	9735.7					
458	2.1	77.4	9806.5					
459	2.1	77.4	9877.3					
460	2.1	77.4	9948.1					
461	2.1	77.4	10018.9					
462	2.1	77.4	10089.7					
463	2.1	77.4	10160.5					
464	2.1	77.4	10231.3					
465	2.1	77.4	10302.1					
466	2.1	77.4	10372.9					
467	2.1	77.4	10443.7					
468	2.1	77.4	10514.5					
469	2.1	77.4	10585.3					
470	2.1	77.4	10656.1					
471	2.1	77.4	10726.9					
472	2.1	77.4	10797.7					
473	2.1	77.4	10868.5					
474	2.1	77.4	10939.3					
475	2.1	77.4	11010.1					
476	2.1	77.4	11080.9					
477	2.1	77.4	11151.7					
478	2.1	77.4	11222.5					
479	2.1	77.4	11293.3					
480	2.1	77.4	11364.1					
481	2.1	77.4	11434.9					
482	2.1	77.4	11505.7					
483	2.1	77.4	11576.5					
484	2.1	77.4	11647.3					
485	2.1	77.4	11718.1					
486	2.1	77.4	11788.9					
487	2.1	77.4	11859.7					
488	2.1	77.4	11930.5					
489	2.1	77.4	11999.3					
490	2.1	77.4	12069.1					
491	2.1	77.4	12138.9					
492	2.1	77.4	12208.7					
493	2.1	77.4	12278.5					
494	2.1	77.4	12348.3					
495	2.1	77.4	12418.1					
496	2.1	77.4	12487.9					
497	2.1	77.4	12557.7					
498	2.1	77.4	12627.5					
499	2.1	77.4	12697.3					
500	2.1	77.4	12767.1					

MERGEN ANALYSIS

THE LUTHER E. OLIVER IRON COMPANY - WELLS A-D

DEPTH	DENSITY LOG			VELOCITY LOG			DENSITY AND VELOCITY	
	RHC-B	GAL/TON	ACCUM. YIELD	RHC-B	GAL/TON	ACCUM. YIELD	GAL/TON	ACCUM. YIELD
460	2.500	0.1	5413.0					
461	2.500	0.1	5416.3					
462	2.500	0.1	5424.6					
463	2.500	0.1	5434.5					
464	2.500	4.4	5438.9					
465	2.500	0.1	5445.5					
466	2.500	0.1	5455.2					
467	2.500	0.1	5473.3					
468	2.500	0.0	5473.5					
469	2.500	0.1	5475.6					
470	2.500	0.1	5481.7					
471	2.500	0.0	5492.7					
472	2.500	0.1	5504.8					
473	2.500	0.0	5504.8					
474	2.500	0.0	5504.8					
475	2.500	0.1	5507.0					
476	2.610	0.0	5507.0					
477	2.640	0.0	5507.0					
478	2.630	0.0	5507.0					
479	2.640	0.0	5507.0					
480	2.650	0.0	5507.0					
481	2.650	0.0	5507.0					
482	2.650	0.0	5507.0					
483	2.650	0.0	5507.0					
484	2.650	0.0	5507.0					
485	2.650	0.0	5507.0					
486	2.650	0.4	5507.4					
487	2.650	3.8	5511.2					
488	2.650	1.6	5512.8					
489	2.650	0.0	5512.8					
490	2.650	0.4	5513.3					
491	2.650	3.3	5516.5					
492	2.650	1.1	5528.6					
493	2.650	26.4	5539.0					
494	2.650	10.5	5565.5					
495	2.650	1.6	5567.1					
496	2.650	4.9	5572.0					
497	2.650	1.1	5584.1					
498	2.650	0.0	5586.3					
499	2.650	0.0	5588.7					
500	2.650	0.0	5590.4					
501	2.650	0.0	5591.1					
502	2.650	0.0	5591.6					
503	2.650	0.0	5594.1					
504	2.650	0.0	5597.3					
505	2.650	0.0	5597.8					
506	2.650	0.0	5597.8					