

**MacDonald Ranches Performance Power 2016 Sale  
Ultrasound Scan Data**

LOT #	Tag	Tattoo	Birthdate	Reg. Number	Weight	Rump Fat Thickness	Rib Fat Thickness	Ribeye			IMF	IMF (ADJ)	IMF Ratio
								Ribeye Area	Area (ADJ)	REA Ratio			
1	66C	116A	02/16/2015	TP706520	940	0.05	0.09	14.6	14.52	103	01.77	1.72	71
2	6C	455A	02/06/2015	P706009	1345	0.21	0.19	16.6	16.38	116	02.12	2.00	83
3	7C	272A	02/06/2015	P706466	1070	0.19	0.27	15.4	15.19	107	02.28	2.16	89
4	22C	517A	02/10/2015	P706222	1165	0.19	0.30	13.0	12.86	91	02.29	2.20	91
5	33C	371A	02/11/2015	P706287	1035	0.28	0.33	12.6	12.41	88	02.33	2.25	93
6	45C	265A	02/13/2015	P706380	1055	0.16	0.20	14.9	14.79	104	01.88	1.81	75
7	46C	148A	02/14/2015	P706389	1245	0.28	0.48	15.6	15.45	109	02.58	2.52	104
9	68C	358A	02/16/2015	P706460	1045	0.27	0.23	13.5	13.37	94	02.38	2.33	96
10	74C	82A	02/17/2015	P706464	1040	0.25	0.31	11.2	11.09	78	02.62	2.58	107
11	105C	394A	02/22/2015	P706135	1005	0.27	0.22	12.7	12.66	89	02.41	2.40	99
13	121C	163A	02/24/2015	S706072	1095	0.27	0.15	15.0	14.97	106	02.94	2.95	122
14	124C	51U	02/25/2015	P706146	1085	0.30	0.24	13.3	13.31	94	02.55	2.56	106
15	125C	169A	02/25/2015	P706147	990	0.27	0.29	14.8	14.79	104	04.10	4.11	170
16	142C	R370	02/26/2015	P706124	1080	0.14	0.15	14.0	14.01	99	02.13	2.15	89
18	148C	R230	02/26/2015	P705989	1280	0.16	0.19	15.1	15.16	107	02.52	2.54	105
19	156C	198U	02/27/2015	P706169	1200	0.25	0.29	16.8	16.84	119	02.45	2.48	102
20	161C	312U	02/28/2015	P706172	1095	0.09	0.20	13.2	13.26	94	01.82	1.86	77
21	171C	6293	02/28/2015	P706180	1175	0.25	0.25	13.7	13.72	97	01.85	1.88	78
22	201C	6402	03/03/2015	P706196	1160	0.14	0.18	13.3	13.41	95	02.26	2.32	96
23	202C	324	03/03/2015	P706197	1030	0.19	0.18	13.0	13.07	92	01.81	1.87	77
24	207C	505A	03/03/2015	P706202	970	0.19	0.18	12.8	12.94	91	02.36	2.42	100
25	220C	R142	03/04/2015	P706213	1095	0.19	0.22	13.0	13.16	93	02.20	2.26	93
26	236C	7131	03/08/2015	P706225	1130	0.12	0.20	14.5	14.7	104	01.89	1.98	82
27	237C	9343	03/08/2015	P706226	1125	0.27	0.20	13.8	14	99	02.55	2.64	109
28	245C	2036	03/09/2015	P706231	1175	0.21	0.25	13.5	13.73	97	02.08	2.18	90
30	254C	132A	03/11/2015	P706237	1080	0.11	0.24	14.6	14.82	105	02.15	2.26	93
31	276C	24X	03/14/2015	P706252	1080	0.21	0.20	15.3	15.54	110	01.62	1.75	72
32	320C	258X	03/18/2015	TS706519	1195	0.21	0.32	14.5	14.79	104	01.90	2.06	85
33	323C	2021	03/19/2015	P706128	960	0.16	0.23	11.1	11.44	81	02.02	2.19	90
34	325C	143X	03/19/2015	P706279	1150	0.12	0.14	14.9	15.19	107	02.29	2.46	102
35	328C	2009	03/19/2015	P706282	1180	0.23	0.24	13.2	13.5	95	01.83	2.00	83
36	336C	2050	03/20/2015	P706021	1060	0.21	0.37	15.0	15.37	109	02.95	3.12	129
37	351C	148X	03/23/2015	P706292	1015	0.18	0.26	14.9	15.27	108	02.15	2.35	97
38	369C	7282	03/24/2015	P706303	1030	0.21	0.21	15.0	15.43	109	01.94	2.14	88
39	376C	1331	03/24/2015	P706310	930	0.25	0.22	10.9	11.31	80	02.57	2.77	114
40	380C	263A	03/25/2015	P706315	995	0.16	0.15	15.1	15.55	110	01.88	2.09	86
41	412C	2128	03/28/2015	P706341	990	0.07	0.12	13.9	14.38	102	01.58	1.81	75
42	413C	R150	03/28/2015	P706342	1110	0.23	0.14	12.8	13.27	94	01.68	1.91	79
43	426C	2471	03/28/2015	P706353	970	0.18	0.15	14.9	15.32	108	01.57	1.80	74
44	442C	6245	03/30/2015	P706367	1040	0.28	0.26	13.8	14.33	101	02.29	2.54	105
45	445C	9087	03/30/2015	P706370	935	0.23	0.18	12.0	12.47	88	01.68	1.92	79
46	446C	R339	03/30/2015	P706123	955	0.11	0.17	11.5	11.97	85	02.17	2.42	100
48	465C	1117	04/02/2015	P706385	1050	0.21	0.21	13.8	too young to adjust		02.09	too young to adjust	
49	470C	1384	04/04/2015	P706390	1030	0.23	0.22	14.8	too young to adjust		02.21	too young to adjust	
50	475C	33A	04/05/2015	P706393	930	0.14	0.22	12.2	too young to adjust		02.76	too young to adjust	
51	484C	1154	04/08/2015	P706010	965	0.07	0.10	14.9	too young to adjust		02.17	too young to adjust	
53	501C	3018	04/12/2015	P706411	1040	0.14	0.17	14.4	too young to adjust		02.06	too young to adjust	
54	504C	289A	04/14/2015	P706414	865	0.19	0.16	12.2	too young to adjust		01.72	too young to adjust	
55	505C	6220	04/14/2015	P706415	1000	0.25	0.16	13.0	too young to adjust		02.30	too young to adjust	
56	508C	2299	04/14/2015	P706030	1030	0.18	0.11	14.5	too young to adjust		01.66	too young to adjust	
57	514C	2105	04/17/2015	P706421	970	0.23	0.18	12.7	too young to adjust		01.74	too young to adjust	
58	515C	3086	04/17/2015	P706422	925	0.19	0.14	13.1	too young to adjust		01.64	too young to adjust	
59	537C	2507	04/27/2015	P706436	930	0.16	0.30	12.8	too young to adjust		02.32	too young to adjust	
60	16C	344A	02/08/2015	P705991	1255	0.19	0.20	17.0	16.82	119	02.32	2.22	92
61	23C	447A	02/10/2015	TP706509	1185	0.25	0.22	13.3	13.14	93	02.10	2.01	83

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								Ribeye Area	Area (ADJ)	REA Ratio			
62	44C	465A	02/13/2015	TP706510	1150	0.39	0.30	12.8	12.69	90	02.34	2.27	94
63	52C	317A	02/14/2015	TP706511	1080	0.27	0.22	14.4	14.25	101	01.85	1.79	74
64	56C	40A	02/15/2015	TP706512	1090	0.43	0.34	14.0	13.89	98	03.61	3.55	147
66	67C	307A	02/16/2015	TP706515	1050	0.23	0.20	13.1	12.99	92	02.77	2.72	112
67	102C	461A	02/21/2015	P706134	1080	0.21	0.29	14.8	14.76	104	03.03	3.02	125
68	150C	410X	02/27/2015	P706104	1020	0.21	0.27	13.3	13.34	94	01.81	1.84	76
70	167C	9258	02/28/2015	P706177	1270	0.12	0.14	16.2	16.3	115	02.22	2.26	93
72	186C	209U	03/01/2015	P706082	1060	0.09	0.16	14.4	14.48	102	02.97	3.01	124
73	199C	7341	03/02/2015	TP706499	1270	0.23	0.24	14.1	14.2	100	02.24	2.29	95
74	205C	315A	03/03/2015	P706200	1080	0.16	0.21	14.7	14.79	104	02.19	2.25	93
75	206C	9385	03/03/2015	P706201	1110	0.23	0.20	12.1	12.17	86	02.19	2.25	93
76	216C	1302	03/04/2015	P706210	1170	0.27	0.26	12.4	12.54	89	02.71	2.77	114
78	233C	149A	03/06/2015	P706223	1155	0.27	0.27	14.7	14.89	105	02.28	2.36	98
79	240C	2018	03/08/2015	P706019	1060	0.23	0.31	12.7	12.91	91	02.98	3.07	127
80	253C	2462	03/11/2015	P705997	980	0.25	0.25	13.4	13.6	96	01.62	1.73	71
81	273C	2384	03/13/2015	P706250	1130	0.21	0.34	13.3	13.51	95	02.14	2.27	94
82	281C	145U	03/14/2015	P706254	1080	0.41	0.50	10.9	11.13	79	02.77	2.90	120
83	282C	201U	03/14/2015	P706255	1060	0.39	0.34	12.1	12.38	87	02.37	2.50	103
84	302C	2487	03/16/2015	P706268	1015	0.11	0.13	13.0	13.34	94	02.45	2.60	107
85	332C	284A	03/20/2015	P706090	990	0.18	0.25	13.7	14	99	02.25	2.42	100
87	365C	9110	03/24/2015	P706301	1145	0.34	0.39	13.7	14.13	100	02.02	2.22	92
88	366C	1430	03/24/2015	P706302	1140	0.18	0.15	14.5	14.94	106	02.10	2.30	95
89	462C	81X	04/02/2015	P706119	1105	0.18	0.11	15.6	too young to adjust		02.63	too young to adjust	
90	490C	M91	04/10/2015	P706403	830	0.09	0.16	12.3	too young to adjust		02.20	too young to adjust	
91	493C	7382	04/10/2015	P706050	1005	0.21	0.24	14.5	too young to adjust		02.21	too young to adjust	
92	9C	10A	02/07/2015	P706479	1100	0.32	0.28	12.4	12.22	86	02.69	2.58	107
94	62C	392A	02/16/2015	P706458	1160	0.28	0.26	15.5	15.38	109	01.88	1.83	76
95	77C	7114	02/17/2015	P706047	1330	0.28	0.25	13.9	13.78	97	02.89	2.85	118
96	99C	278A	02/21/2015	P706089	1265	0.32	0.27	14.6	14.6	103	02.79	2.78	115
97	112C	168X	02/23/2015	P706137	1140	0.21	0.22	14.3	14.3	101	02.44	2.44	101
98	115C	108A	02/23/2015	P706139	1175	0.32	0.33	12.4	12.36	87	02.53	2.53	105
100	175C	6294	03/01/2015	P706043	1180	0.27	0.21	14.4	14.5	102	03.09	3.13	129
101	183C	277X	03/01/2015	P706088	1190	0.32	0.35	13.1	13.2	93	02.05	2.09	86
102	283C	522A	03/14/2015	P706256	1380	0.19	0.29	15.3	15.57	110	02.52	2.65	110
103	304C	R44	03/16/2015	P706269	1040	0.18	0.15	13.1	13.44	95	03.31	3.46	143
104	326C	2116	03/19/2015	P706280	1200	0.25	0.29	12.5	12.8	90	02.95	3.12	129
105	335C	450A	03/20/2015	P706285	1060	0.25	0.22	13.5	13.84	98	03.55	3.72	154
107	448C	2069	03/30/2015	P706371	1040	0.21	0.22	15.8	16.33	115	01.69	1.94	80
108	449C	173U	03/30/2015	P706074	1080	0.27	0.24	12.5	13.01	92	01.66	1.90	79
109	459C	3088	04/01/2015	P706379	1005	0.16	0.22	13.2	too young to adjust		02.61	too young to adjust	
110	467C	2366	04/03/2015	P706387	1040	0.21	0.18	13.5	too young to adjust		01.88	too young to adjust	
111	497C	2176	04/11/2015	P706406	1095	0.30	0.32	13.7	too young to adjust		02.16	too young to adjust	
112	252C	2301	03/11/2015	P706236	1175	0.19	0.22	14.7	14.89	105	02.04	2.15	89
113	36C	365A	02/12/2015	P706304	1035	0.16	0.19	14.0	13.85	98	01.68	1.60	66
114	38C	103A	02/12/2015	P706321	1120	0.19	0.32	14.0	13.8	97	02.06	1.98	82
115	120C	1300	02/24/2015	P706143	1225	0.25	0.35	15.4	15.37	109	02.13	2.14	88
116	178C	416A	03/01/2015	P706106	1175	0.11	0.21	14.8	14.84	105	02.25	2.29	95
117	214C	298U	03/04/2015	P706094	1220	0.32	0.25	14.1	14.24	101	02.56	2.62	108
118	227C	288X	03/06/2015	P706092	1105	0.19	0.19	16.3	16.43	116	02.00	2.08	86
119	421C	9334	03/28/2015	P706348	1050	0.18	0.20	14.6	15.08	106	01.98	2.21	91
120	270C	2181	03/13/2015	P706248	1205	0.28	0.27	13.4	13.65	96	01.67	1.80	74
121	290C	1234	03/15/2015	P706259	1125	0.19	0.21	15.6	15.9	112	02.12	2.26	93
122	316C	9103	03/18/2015	P706274	1095	0.21	0.16	14.3	14.57	103	01.69	1.85	76
124	342C	377U	03/21/2015	P706101	1285	0.28	0.25	14.6	14.99	106	02.28	2.46	102
125	350C	108U	03/23/2015	P706291	1230	0.18	0.16	13.5	13.87	98	01.98	2.18	90

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								Ribeye Area	Area (ADJ)	REA Ratio			
126	363C	1072	03/24/2015	P706299	1070	0.35	0.27	13.0	13.45	95	01.61	1.81	75
128	402C	1252	03/27/2015	P706333	1170	0.16	0.22	13.1	13.5	95	02.34	2.56	106
129	416C	109X	03/28/2015	P706060	1120	0.23	0.26	14.5	14.97	106	01.82	2.05	85
130	471C	394U	04/04/2015	P706391	1115	0.34	0.30	13.8	too young to adjust		02.38	too young to adjust	
131	506C	9167	04/14/2015	P706416	1040	0.23	0.12	14.2	too young to adjust		02.08	too young to adjust	
132	510C	1228	04/15/2015	P706013	985	0.14	0.17	14.1	too young to adjust		01.92	too young to adjust	
133	521C	1286	04/20/2015	P706017	1000	0.32	0.27	14.2	too young to adjust		02.66	too young to adjust	
134	549C	1099	05/06/2015	P706444	900	0.16	0.16	13.9	too young to adjust		01.70	too young to adjust	
135	11C	4A	02/07/2015	P705988	1250	0.44	0.43	13.4	13.2	93	02.74	2.63	109
136	19C	5A	02/09/2015	P705994	1170	0.25	0.20	15.1	14.88	105	02.20	2.10	87
137	32C	458A	02/11/2015	P706283	1100	0.30	0.26	15.2	15.01	106	01.74	1.66	69
138	72C	230A	02/17/2015	P706463	1135	0.25	0.30	13.5	13.46	95	02.81	2.77	114
139	73C	15A	02/17/2015	P706070	1125	0.25	0.31	15.3	15.19	107	02.33	2.29	95
140	85C	468A	02/19/2015	P706468	1180	0.37	0.36	13.2	13.17	93	02.21	2.18	90
141	87C	6001	02/19/2015	P706470	1230	0.30	0.25	13.6	13.51	95	04.88	4.85	200
142	96C	474A	02/21/2015	TP706498	1200	0.16	0.18	16.2	16.14	114	01.82	1.81	75
143	109C	196A	02/23/2015	P706136	1135	0.32	0.37	14.6	14.57	103	02.52	2.52	104
144	122C	M2	02/24/2015	P706144	1200	0.23	0.22	12.8	12.81	90	02.87	2.88	119
145	159C	338U	02/27/2015	P706171	1155	0.09	0.13	15.6	15.63	110	02.42	2.45	101
146	173C	130P	03/01/2015	P706181	1325	0.41	0.49	14.3	14.35	101	03.48	3.52	145
147	174C	389A	03/01/2015	TP706491	1070	0.16	0.12	14.4	14.5	102	02.19	2.23	92
148	185C	1X	03/01/2015	P706079	1150	0.23	0.17	13.7	13.81	98	02.45	2.49	103
149	188C	9217	03/01/2015	P706189	1175	0.27	0.22	15.0	15.04	106	02.15	2.19	90
150	193C	9322	03/02/2015	P706192	1200	0.18	0.18	14.2	14.34	101	02.46	2.51	104
151	194C	519A	03/02/2015	TP706492	1210	0.21	0.22	15.4	15.5	109	03.11	3.16	131
152	204C	427X	03/03/2015	P706199	1255	0.27	0.30	15.2	15.26	108	02.34	2.40	99
153	212C	83A	03/04/2015	P706207	980	0.41	0.23	13.3	13.45	95	02.03	2.09	86
154	221C	210X	03/04/2015	P706214	1265	0.18	0.25	16.4	16.5	117	02.17	2.23	92
155	223C	M358	03/05/2015	P706216	1100	0.18	0.20	12.4	12.54	89	01.88	1.95	81
156	225C	121U	03/06/2015	P706218	1050	0.25	0.33	14.2	14.34	101	02.60	2.68	111
158	235C	352X	03/07/2015	P706100	1140	0.27	0.29	12.6	12.77	90	02.44	2.52	104
159	244C	363A	03/09/2015	P706230	1215	0.37	0.41	13.4	13.59	96	02.64	2.74	113
160	246C	9318	03/10/2015	P706232	1165	0.28	0.18	13.5	13.72	97	02.35	2.46	102
161	250C	2047	03/10/2015	P705996	1090	0.37	0.37	14.0	14.16	100	02.15	2.26	93
162	255C	91X	03/11/2015	P706238	1050	0.18	0.13	14.2	14.37	101	01.86	1.97	81
164	269C	2406	03/13/2015	P706247	1255	0.32	0.17	15.0	15.28	108	03.84	3.97	164
165	287C	150A	03/15/2015	P706067	1090	0.16	0.22	13.7	13.94	98	01.55	1.69	70
166	292C	2072	03/15/2015	P706261	1240	0.21	0.22	12.9	13.15	93	03.44	3.58	148
167	296C	2432	03/15/2015	P706264	1190	0.32	0.41	13.8	14.08	99	02.26	2.40	99
169	318C	39X	03/18/2015	P706276	1080	0.30	0.26	13.4	13.71	97	02.66	2.82	117
170	333C	2286	03/20/2015	P706284	1095	0.19	0.24	13.6	13.99	99	02.71	2.88	119
171	352C	41X	03/23/2015	P706293	1120	0.19	0.25	13.0	13.4	95	01.87	2.07	86
172	375C	9435	03/24/2015	P706057	1220	0.25	0.22	14.1	14.54	103	02.43	2.63	109
173	381C	353X	03/25/2015	P706316	1150	0.39	0.41	13.4	13.77	97	01.99	2.2	91
174	395C	2142	03/26/2015	P706026	1225	0.41	0.35	15.2	15.6	110	02.30	2.52	104
175	414C	181U	03/28/2015	P706077	1020	0.23	0.13	14.5	14.95	106	02.28	2.51	104
176	417C	1032	03/28/2015	P706344	1170	0.19	0.20	14.7	15.15	107	02.63	2.86	118
177	419C	2168	03/28/2015	P706346	1300	0.46	0.39	15.1	15.58	110	01.91	2.14	88
178	423C	9154	03/28/2015	P706350	1215	0.27	0.29	14.6	15.01	106	02.29	2.52	104
179	441C	7224	03/30/2015	P706366	1060	0.23	0.24	13.5	14.01	99	02.16	2.41	100
180	452C	1428	03/31/2015	P706373	1070	0.30	0.24	12.0	too young to adjust		03.02	too young to adjust	
181	461C	7160T	04/02/2015	P706382	1080	0.27	0.21	12.6	too young to adjust		02.17	too young to adjust	
184	408C	1229	03/28/2015	P706014	1180	0.28	0.18	13.3	13.72	97	01.78	2.01	83
185	409C	175U	03/28/2015	P706075	1230	0.23	0.21	15.8	16.22	115	02.89	3.12	129
						0.23	0.24	13.95	14.2		2.31	2.42	

**MacDonald Ranches Performance Power 2016 Sale  
Ultrasound Scan Data**

LOT #	Tag	Tattoo	Birthdate	Reg. Number	Weight	Rump Fat Thickness	Rib Fat Thickness	Ribeye Area	Ribeye Area (ADJ)	REA Ratio	IMF	IMF (ADJ)	IMF Ratio
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**ANGUS BULLS**

<b>ANGUS BULLS</b> - Please note: Angus bulls are ratioed separately from Salers and Optimizer bulls. Salers and Optimizers are ratioed together.													
<b>186</b>	2C	54A	42039	18388143	1180	0.32	0.28	13.1	<b>12.9</b>	<b>90</b>	2.51	<b>2.44</b>	<b>84</b>
<b>187</b>	70C	133A	42052	18388101	1255	0.21	0.22	14.7	<b>14.8</b>	<b>103</b>	3.84	<b>3.82</b>	<b>131</b>
<b>188</b>	108C	226A	42058	18388144	1235	0.32	0.37	14.4	<b>14.6</b>	<b>102</b>	3.4	<b>3.40</b>	<b>116</b>
<b>189</b>	139C	193Y	42060	18388150	1165	0.35	0.3	13.5	<b>13.6</b>	<b>95</b>	2.41	<b>2.42</b>	<b>83</b>
<b>191</b>	169C	11Y	42063	18384824	1285	0.25	0.35	14.2	<b>14.3</b>	<b>100</b>	3.29	<b>3.31</b>	<b>113</b>
<b>192</b>	277C	352Z	42077	18385978	1175	0.37	0.22	15.1	<b>15.6</b>	<b>109</b>	2.39	<b>2.46</b>	<b>84</b>
<b>193</b>	339C	390	42083	18385024	1185	0.32	0.29	12.8	<b>13.6</b>	<b>95</b>	2.26	<b>2.36</b>	<b>81</b>
<b>194</b>	343C	30X	42084	18384976	1110	0.27	0.33	12.9	<b>13.5</b>	<b>94</b>	2.3	<b>2.40</b>	<b>82</b>
						<b>0.30</b>	<b>0.30</b>	<b>13.84</b>	<b>14.1</b>		<b>2.80</b>	<b>2.83</b>	