

**MacDonald Ranches Performance Power 2017 Sale  
Ultrasound Scan Data**

LOT #	Tag	Tattoo	Birthdate	Reg. Number	Weight	Rump Fat Thickness	Rib Fat Thickness	Ribeye			IMF	IMF (ADJ)	IMF Ratio
								Area	Area (ADJ)	REA Ratio			
1	393U	138D	02/28/2016	P713586	1135	0.21	0.20	16.9	17.03	116	01.92	1.97	78
2	B376	22D	2/4/2016	P713654	1250	0.21	0.27	14.2	unadjusted		02.58	unadjusted	
3	B40	37D	02/06/2016	P713757	1255	0.18	0.16	14.4	14.16	97	01.94	1.84	73
4	B364	38D	02/06/2016	P713507	1275	0.23	0.22	15.5	15.24	104	02.96	2.86	114
5	B257	42D	02/09/2016	TP713956	1230	0.18	0.19	12.8	12.65	87	02.18	2.1	84
6	6208	300D	03/14/2016	S713706	1160	0.21	0.24	15.0	15.33	105	02.41	2.56	102
7	B66	45D	02/09/2016	TP713950	1220	0.25	0.22	14.4	14.26	98	02.57	2.49	99
8	B278	46D	02/09/2016	TP713952	1160	0.28	0.30	13.3	13.14	90	02.54	2.46	98
9	261X	86D	02/22/2016	TP713942	1250	0.19	0.22	13.6	13.64	93	02.36	2.37	94
10	465A	305D	03/15/2016	TP713943	1120	0.16	0.26	14.9	15.18	104	02.02	2.18	87
11	521A	422D	03/28/2016	TP713946	1040	0.12	0.31	12.9	too young to adjust		02.62	too young to adjust	
12	R291	325D	03/18/2016	P713721	1140	0.35	0.28	14.6	14.93	102	02.08	2.26	90
13	B175	49D	02/13/2016	P713528	1185	0.27	0.31	14.3	14.16	97	01.87	1.81	72
14	B20	61D	02/16/2016	P713912	1075	0.34	0.23	15.0	14.92	102	01.51	1.48	59
15	B167	72D	02/20/2016	P713919	1140	0.28	0.31	15.3	15.26	104	02.60	2.59	103
16	B157	81D	02/21/2016	P713926	1135	0.25	0.18	12.5	12.46	85	02.16	2.16	86
17	B67	95D	02/22/2016	P713936	1090	0.27	0.27	14.5	14.46	99	01.90	1.91	76
18	94P	107D	02/24/2016	P713561	1285	0.16	0.23	15.7	15.69	107	01.84	1.86	74
19	1062	112D	02/25/2016	P713565	1230	0.18	0.29	16.4	16.43	112	02.10	2.13	85
20	341J	128D	02/27/2016	P713449	1110	0.19	0.11	14.1	14.14	97	02.11	2.15	86
21	2503	140D	02/28/2016	P713587	1200	0.35	0.33	15.6	15.73	108	02.53	2.58	103
22	1386	145D	02/28/2016	P713453	1045	0.21	0.22	14.5	14.63	100	02.78	2.83	113
23	154X	148D	02/28/2016	P713591	1000	0.18	0.11	15.8	15.85	108	02.04	2.09	83
24	314X	162D	02/29/2016	P713456	1085	0.28	0.28	14.2	14.34	98	02.71	2.77	110
25	233X	173D	03/02/2016	P713609	1155	0.21	0.18	14.4	14.49	99	01.53	1.6	64
26	140X	185D	03/03/2016	P713460	1220	0.18	0.18	15.3	15.43	106	02.23	2.31	92
27	23A	201D	03/05/2016	P713631	1205	0.23	0.18	14.5	14.71	101	02.29	2.38	95
28	53A	207D	03/07/2016	P713633	1150	0.21	0.25	15.0	15.16	104	02.10	2.2	88
29	3A	241D	03/10/2016	P713471	1310	0.28	0.28	14.4	14.69	100	02.28	2.41	96
30	189A	244D	03/10/2016	P713664	1220	0.35	0.45	13.6	13.88	95	02.78	2.91	116
31	117A	246D	03/10/2016	P713666	1035	0.16	0.18	13.4	13.69	94	02.63	2.76	110
32	2021	249D	03/10/2016	P713669	1165	0.28	0.28	12.5	12.74	87	02.72	2.85	114
33	132A	264D	03/11/2016	P713677	1110	0.16	0.18	14.6	14.84	102	02.00	2.13	85
34	108A	265D	03/11/2016	P713678	1210	0.30	0.33	14.3	14.6	100	02.40	2.53	101
35	113A	266D	03/11/2016	P713679	1140	0.32	0.32	15.6	15.91	109	01.99	2.12	84
36	38A	271D	03/12/2016	P713685	1180	0.21	0.27	13.6	13.89	95	01.85	1.99	79
37	391A	281D	03/12/2016	P713694	1145	0.25	0.22	15.0	15.23	104	02.07	2.21	88
38	6104	283D	03/13/2016	S713695	1100	0.27	0.25	13.9	14.22	97	02.42	2.57	102
39	263A	294D	03/13/2016	P713702	1015	0.14	0.22	15.4	15.65	107	02.04	2.19	87
40	B271	323D	03/17/2016	P713491	1040	0.34	0.25	16.2	16.5	113	01.81	1.98	79
41	447A	330D	03/18/2016	P713494	1145	0.30	0.38	12.4	12.75	87	02.34	2.52	100
42	B452	331D	03/19/2016	P713723	990	0.21	0.25	13.8	14.18	97	02.50	2.69	107
43	82X	332D	03/19/2016	P713724	1135	0.34	0.42	12.6	12.93	88	02.25	2.44	97
44	B170	339D	03/19/2016	P713728	1135	0.21	0.22	15.0	15.42	105	01.87	2.06	82
45	2432	355D	03/22/2016	P713743	1155	0.23	0.24	14.7	15.07	103	01.75	1.96	78
46	2050	357D	03/22/2016	P713498	1010	0.32	0.20	13.0	13.44	92	01.41	1.62	65
47	B97	374D	03/24/2016	P713754	1000	0.28	0.30	14.8	15.28	105	02.11	2.33	93
48	436A	379D	03/25/2016	P713756	1105	0.23	0.25	12.9	13.36	91	01.78	2.01	80
49	9130	387D	03/26/2016	P713764	1110	0.18	0.26	13.6	14.04	96	02.21	2.45	98
50	R7	400D	03/27/2016	P713772	1105	0.25	0.18	14.1	14.58	100	02.43	2.68	107
51	2415	403D	03/27/2016	P713775	1085	0.18	0.20	14.4	14.88	102	02.25	2.5	100
52	R123	404D	03/27/2016	P713512	1075	0.14	0.16	14.2	14.68	100	02.06	2.31	92
53	6220	413D	03/28/2016	P713784	980	0.30	0.21	12.6	too young to adjust		02.52	too young to adjust	
54	41X	430D	03/29/2016	P713799	1055	0.14	0.16	14.9	too young to adjust		01.88	too young to adjust	
55	R159	441D	03/30/2016	P713807	1080	0.19	0.20	14.6	too young to adjust		02.37	too young to adjust	

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56	1257	454D	03/31/2016	P713819	1120	0.27	0.27	15.0	too young	to adjust	02.09	too young	to adjust
57	196U	461D	04/01/2016	P713823	1030	0.28	0.22	15.1	too young	to adjust	02.09	too young	to adjust
58	50A	478D	04/03/2016	P713836	1005	0.19	0.22	13.3	too young	to adjust	01.59	too young	to adjust
59	143X	499D	04/07/2016	P713852	980	0.16	0.18	13.7	too young	to adjust	01.64	too young	to adjust
60	2471	501D	04/07/2016	P713854	1115	0.18	0.20	15.6	too young	to adjust	01.72	too young	to adjust
61	2507	505D	04/08/2016	P713857	1035	0.25	0.18	12.6	too young	to adjust	02.29	too young	to adjust
62	6344	506D	04/08/2016	P713858	965	0.27	0.20	13.8	too young	to adjust	02.13	too young	to adjust
64	1331	527D	04/13/2016	P713875	1005	0.28	0.24	12.6	too young	to adjust	02.64	too young	to adjust
65	117P	534D	04/15/2016	P713536	945	0.19	0.24	13.8	too young	to adjust	01.71	too young	to adjust
66	148A	553D	04/27/2016	P713896	975	0.18	0.27	13.3	too young	to adjust	01.62	too young	to adjust
67	9431	73D	02/20/2016	P713920	1180	0.27	0.26	13.6	13.56	93	02.24	2.23	89
68	410X	90D	02/22/2016	P714367	1260	0.25	0.29	13.5	13.51	92	01.66	1.67	67
69	B225	101D	02/23/2016	P713554	1115	0.27	0.22	14.0	14.01	96	02.39	2.4	96
70	2018	119D	02/23/2016	P713571	1070	0.27	0.29	15.9	15.89	109	02.73	2.74	109
71	2487	133D	02/27/2016	P713582	1260	0.28	0.24	15.1	15.17	104	02.02	2.06	82
72	2384	161D	02/29/2016	P713602	1235	0.21	0.22	15.1	15.21	104	02.08	2.14	85
73	2462	178D	03/02/2016	P713614	1285	0.21	0.16	16.0	16.18	111	01.60	1.67	67
74	6057	164D	02/29/2016	P713603	1400	0.34	0.34	16.8	16.87	115	02.27	2.33	93
75	89U	193D	03/04/2016	P713625	1245	0.12	0.13	14.1	14.3	98	02.70	2.78	111
76	149A	196D	03/04/2016	P713626	1245	0.41	0.34	14.5	14.64	100	02.89	2.97	118
77	236A	214D	03/08/2016	P713468	1305	0.27	0.31	15.4	15.63	107	02.00	2.11	84
78	9385	217D	03/08/2016	P713643	1085	0.12	0.25	16.2	16.39	112	01.94	2.05	82
79	6153	226D	03/09/2016	P713650	1075	0.27	0.23	13.9	14.09	96	01.68	1.8	72
80	490A	248D	03/10/2016	P713668	1115	0.21	0.27	13.4	13.6	93	02.05	2.18	87
81	1440	261D	03/11/2016	P713675	1210	0.19	0.33	13.7	13.95	95	01.78	1.91	76
82	1430	343D	03/20/2016	P713733	1035	0.37	0.32	13.5	13.93	95	01.96	2.16	86
83	R32	384D	03/26/2016	P713506	1065	0.23	0.18	13.5	14	96	01.65	1.89	75
84	171X	515D	04/10/2016	P713867	1045	0.14	0.21	14.3	too young	to adjust	02.13	too young	to adjust
85	B358	27D	02/05/2016	P713693	1290	0.30	0.25	14.7	14.43	99	01.94	1.83	73
86	B481	29D	02/05/2016	P713705	1140	0.27	0.25	13.7	13.47	92	02.55	2.44	97
87	1178	93D	02/23/2016	P713934	1170	0.14	0.16	12.6	12.65	87	02.91	2.92	116
88	B431	141D	02/27/2016	P713451	1190	0.34	0.53	13.5	13.56	93	02.99	3.03	121
89	1040	156D	02/29/2016	P713598	1320	0.21	0.25	14.7	14.79	101	03.00	3.06	122
90	174U	192D	03/04/2016	P713624	1120	0.28	0.24	13.8	13.99	96	01.51	1.59	63
92	2238	333D	03/19/2016	P713495	1110	0.23	0.19	14.3	14.63	100	02.00	2.19	87
93	47U	464D	04/01/2016	P713825	1040	0.16	0.20	14.7	too young	to adjust	01.45	too young	to adjust
94	353X	514D	04/10/2016	P713866	1010	0.34	0.31	13.6	too young	to adjust	02.29	too young	to adjust
95	332A	526D	04/13/2016	P713874	1060	0.27	0.25	14.0	too young	to adjust	02.08	too young	to adjust
96	288X	76D	02/21/2016	P713552	1235	0.27	0.33	13.6	13.63	93	03.31	3.31	132
97	B121	80D	02/21/2016	P713925	1230	0.21	0.20	14.9	14.9	102	01.93	1.93	77
98	1300	85D	02/22/2016	P713929	1330	0.34	0.34	16.5	16.51	113	03.11	3.12	124
99	2181	105D	02/24/2016	P713558	1275	0.21	0.13	14.2	14.2	97	02.44	2.46	98
100	537A	282D	03/12/2016	P713480	1170	0.32	0.22	14.0	14.27	98	02.03	2.17	86
101	416A	321D	03/17/2016	P713489	1150	0.09	0.22	14.9	15.21	104	03.11	3.28	131
102	92A	348D	03/21/2016	P713738	1180	0.27	0.25	15.0	15.44	106	01.89	2.09	83
103	397X	383D	03/26/2016	P713761	1180	0.34	0.34	15.5	16	109	02.45	2.69	107
104	9334	423D	03/29/2016	P713793	1140	0.30	0.32	16.7	too young	to adjust	01.47	too young	to adjust
105	109X	456D	04/01/2016	P713518	1095	0.21	0.32	14.6	too young	to adjust	02.33	too young	to adjust
106	177A	442D	03/30/2016	P713517	1210	0.25	0.25	16.6	too young	to adjust	01.82	too young	to adjust
107	B78	9D	02/02/2016	P713941	1275	0.32	0.29	16.4	16.17	111	03.74	3.61	144
108	B211	33D	02/06/2016	P713729	1275	0.27	0.36	13.9	13.65	93	03.43	3.32	132
109	B252	59D	02/16/2016	P713910	1105	0.18	0.16	13.0	12.94	89	02.00	1.96	78
110	B430	65D	02/17/2016	P713915	1155	0.25	0.22	13.5	13.4	92	03.27	3.24	129
111	7238	66D	02/19/2016	P713548	1205	0.35	0.33	14.9	14.9	102	02.80	2.79	111
112	B366	77D	02/21/2016	P713922	1130	0.37	0.35	14.1	14.12	97	02.95	2.95	118

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								Area	Area (ADJ)	REA Ratio			
113	130P	91D	02/22/2016	P713932	1345	0.21	0.31	14.6	14.61	100	03.26	3.27	130
114	24X	99D	02/23/2016	P713940	1100	0.14	0.20	13.3	13.34	91	02.62	2.63	105
115	B459	100D	02/23/2016	P713445	1165	0.23	0.31	14.8	14.82	101	04.26	4.27	170
116	2221	103D	02/25/2016	P713556	1130	0.21	0.20	14.8	14.9	102	01.95	1.98	79
117	1258	109D	02/24/2016	P713562	1245	0.30	0.28	14.2	14.28	98	03.82	3.84	153
118	2157	110D	02/24/2016	P713564	1240	0.30	0.45	13.5	13.57	93	02.67	2.69	107
119	2072	118D	02/25/2016	P713570	1465	0.39	0.40	15.5	15.54	106	03.74	3.77	150
120	2431	127D	02/27/2016	P713448	1310	0.25	0.40	13.3	13.42	92	02.56	2.6	104
122	2178	151D	02/29/2016	P713594	1330	0.28	0.40	14.3	14.41	99	03.45	3.51	140
123	026X	153D	02/29/2016	P713595	1180	0.23	0.22	14.2	14.3	98	02.26	2.32	92
124	9318	154D	02/29/2016	P713596	1215	0.23	0.19	13.9	14.02	96	02.20	2.26	90
125	6141	165D	03/01/2016	P713457	1240	0.41	0.33	13.9	14	96	03.44	3.5	139
126	9322	171D	03/02/2016	P713607	1275	0.27	0.26	14.9	15	103	03.62	3.69	147
127	24A	174D	03/02/2016	P713610	1220	0.32	0.35	14.8	14.92	102	03.32	3.39	135
128	2057	181D	03/02/2016	P713617	1310	0.19	0.22	16.7	16.84	115	03.07	3.14	125
129	2406	183D	03/03/2016	P713619	1235	0.21	0.32	14.1	14.29	98	02.54	2.62	104
130	427X	184D	03/03/2016	P713620	1310	0.25	0.29	16.4	16.53	113	02.12	2.2	88
131	7114	203D	03/07/2016	P713466	1230	0.23	0.22	15.1	15.34	105	02.37	2.48	99
132	1283	205D	03/07/2016	P713632	1315	0.27	0.27	14.4	14.63	100	03.04	3.14	125
133	127A	208D	03/07/2016	P713634	1155	0.37	0.37	14.9	15.08	103	02.97	3.08	123
134	340A	211D	03/07/2016	P713638	1210	0.23	0.29	15.0	15.17	104	02.26	2.36	94
135	398A	230D	03/09/2016	P713655	1285	0.35	0.35	15.6	15.86	108	03.11	3.23	129
136	B12	231D	03/09/2016	P713656	1125	0.23	0.22	13.4	13.65	93	02.52	2.64	105
137	450A	254D	03/10/2016	P713672	1130	0.37	0.34	14.3	14.55	100	03.07	3.2	127
138	74A	262D	03/11/2016	P713477	1050	0.18	0.16	12.9	13.19	90	02.02	2.15	86
139	76A	290D	03/13/2016	P713700	1175	0.19	0.25	13.0	13.28	91	02.17	2.32	92
140	158A	296D	03/13/2016	P713483	1155	0.30	0.38	13.4	13.71	94	01.69	1.84	73
141	168X	298D	03/14/2016	713703	1180	0.28	0.22	14.0	14.31	98	03.10	3.25	129
142	12A	302D	03/15/2016	P713707	1130	0.37	0.25	14.5	14.81	101	03.03	3.19	127
143	10A	303D	03/15/2016	P713708	1195	0.37	0.26	13.9	14.25	97	02.50	2.66	106
144	150A	309D	03/15/2016	P713486	1295	0.28	0.24	14.6	14.88	102	01.60	1.76	70
145	1011	334D	03/19/2016	P713496	1200	0.34	0.38	14.6	15.02	103	02.58	2.77	110
146	B48	337D	03/19/2016	P713726	1170	0.18	0.29	14.2	14.59	100	02.26	2.45	98
147	M357	341D	03/20/2016	P713731	1010	0.23	0.14	14.5	14.89	102	01.97	2.17	86
148	1230	342D	03/20/2016	P713732	1120	0.27	0.29	12.8	13.22	90	03.03	3.23	129
149	246A	347D	03/21/2016	P713737	1130	0.25	0.27	14.6	15.02	103	02.67	2.87	114
150	6031	358D	03/22/2016	P713499	1090	0.23	0.33	14.2	14.64	100	02.63	2.84	113
151	1031	356D	03/22/2016	P713744	1285	0.19	0.30	16.5	16.95	116	01.88	2.09	83
152	R106	386D	03/26/2016	P713763	1065	0.23	0.29	14.8	15.27	104	03.39	3.63	145
154	181U	405D	03/27/2016	P713513	1065	0.21	0.27	14.8	15.31	105	02.15	2.4	96
155	3086	414D	03/28/2016	P713785	1175	0.23	0.25	14.7	too young to adjust		01.97	too young to adjust	
156	M7	425D	03/29/2016	P713795	1065	0.43	0.29	14.0	too young to adjust		02.47	too young to adjust	
157	119A	445D	03/31/2016	P713809	1190	0.23	0.20	13.6	too young to adjust		01.78	too young to adjust	
158	390	452D	03/31/2016	P713817	1105	0.32	0.24	13.8	too young to adjust		01.84	too young to adjust	
159	83A	485D	04/04/2016	P713841	1070	0.32	0.22	12.1	too young to adjust		02.45	too young to adjust	
160	2160	486D	04/04/2016	P713842	1055	0.27	0.24	14.6	too young to adjust		02.36	too young to adjust	
161	210X	498D	04/07/2016	P713851	1220	0.27	0.26	14.9	too young to adjust		02.07	too young to adjust	
162	5A	513D	04/09/2016	P713530	1055	0.41	0.31	13.3	too young to adjust		02.59	too young to adjust	
163	1099	516D	04/10/2016	P713868	1115	0.19	0.16	15.2	too young to adjust		01.93	too young to adjust	
164	6161	520D	04/12/2016	P713871	980	0.07	0.21	14.0	too young to adjust		02.05	too young to adjust	
165	2366	528D	04/14/2016	P713876	1085	0.21	0.12	14.4	too young to adjust		02.86	too young to adjust	
166	111X	114D	02/25/2016	P713567	1255	0.25	0.21	15.2	15.24	104	02.59	2.62	104
167	315A	234D	03/09/2016	P713657	1260	0.32	0.18	15.1	15.33	105	02.63	2.75	110
168	1229	435D	03/30/2016	P713515	1200	0.23	0.20	13.2	too young to adjust		02.24	too young to adjust	
						0.25	0.26	14.38	14.62		2.35	2.51	

**MacDonald Ranches Performance Power 2017 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>169</b>	B414	3D	1/30/2016	18712547	1395	0.41	0.39	14.7	<b>14.2</b>	<b>101</b>	3.27	<b>3.19</b>	<b>102</b>
<b>170</b>	B353	6D	2/1/2016	18712549	1265	0.35	0.35	14.1	<b>13.7</b>	<b>98</b>	3.12	<b>3.04</b>	<b>97</b>
<b>171</b>	B250	13D	2/2/2016	18686232	1245	0.28	0.34	14.2	<b>13.9</b>	<b>96</b>	2.76	<b>2.69</b>	<b>87</b>
<b>172</b>	B102	17D	2/16/2016	18709558	1345	0.21	0.29	15.4	<b>15.5</b>	<b>107</b>	2.65	<b>2.63</b>	<b>85</b>
<b>173</b>	B290	43D	2/9/2016	18712524	1245	0.53	0.44	15.1	<b>15.3</b>	<b>99</b>	4.48	<b>4.43</b>	<b>104</b>
<b>174</b>	B272	63D	2/16/2016	18709555	1410	0.44	0.55	15.5	<b>15.6</b>	<b>101</b>	4.09	<b>4.07</b>	<b>96</b>
<b>175</b>	1002	122D	2/26/2016	18709700	1370	0.35	0.4	15.3	<b>15.4</b>	<b>106</b>	4.98	<b>5.00</b>	<b>162</b>
<b>176</b>	318A	233D	3/9/2016	18709553	1265	0.27	0.2	13	<b>13.5</b>	<b>93</b>	2.13	<b>2.20</b>	<b>71</b>
<b>177</b>	51A	288D	3/13/2016	18709662	1285	0.34	0.34	13.7	<b>14.3</b>	<b>99</b>	4.26	<b>4.34</b>	<b>141</b>
<b>178</b>	279A	297D	3/14/2016	18709575	1240	0.19	0.22	14	<b>14.6</b>	<b>101</b>	2.2	<b>2.28</b>	<b>74</b>
<b>179</b>	W9262	361D	3/23/2016	18712440	1185	0.43	0.32	14	<b>14.8</b>	<b>102</b>	3.61	<b>3.73</b>	<b>121</b>
<b>180</b>	7160T	398D	3/27/2016	18709485	1150	0.28	0.26	15	<b>15.9</b>	<b>110</b>	2.39	<b>2.52</b>	<b>82</b>
<b>181</b>	1428	416D	3/28/2016	18709557	1185	0.3	0.27	12.2	<b>13.1</b>	<b>90</b>	2.5	<b>2.64</b>	<b>86</b>
<b>182</b>	9065	444D	3/31/2016	18708851	1110	0.39	0.24	13.1	<b>13.9</b>	<b>96</b>	2.66	<b>2.81</b>	<b>91</b>
						<b>0.34</b>	<b>0.33</b>	<b>14.2</b>	<b>14.6</b>		<b>3.22</b>	<b>3.26</b>	