

**MacDonald Ranches Performance Power 2015 Sale
Ultrasound Scan Data**

LOT #	Tag	Tattoo	Birthdate	Reg. Number	Weight	Rib Fat			REAR Ratio	IMF	IMF (ADJ)	IMF Ratio	
						Rump Fat Thickness	Thicknes s	Ribeye Area					
2	225X	299B	03/24/2014	P699506	985	0.16	0.20	14.2	14.52	99	01.94	2.12	98
3	2431	14B	02/08/2014	TP699414	1110	0.28	0.26	14.5	14.22	97	02.47	2.34	108
6	2128	28B	02/12/2014	P699503	1135	0.18	0.22	14.0	13.79	94	01.57	1.47	68
7	2073	29B	02/12/2014	TP699418	1160	0.27	0.29	14.7	14.51	99	02.02	1.92	89
8	393U	91B	02/27/2014	P699588	1150	0.30	0.25	12.4	12.43	84	02.53	2.54	118
9	61J	108B	03/01/2014	P699742	978	0.18	0.20	12.1	12.17	83	01.64	1.66	77
10	6402	126B	03/03/2014	P699447	1225	0.25	0.25	15.3	15.36	104	01.87	1.9	88
11	261X	114B	03/02/2014	TP699410	1095	0.11	0.22	13.1	13.17	89	01.59	1.62	75
12	919W	147B	03/06/2014	TP699411	1130	0.11	0.19	13.8	13.93	95	01.93	1.99	92
13	299X	136B	03/05/2014	TP699420	975	0.18	0.21	14.2	14.33	97	01.66	1.71	79
14	9146	141B	03/06/2014	TP699421	1000	0.21	0.13	14.2	14.29	97	02.12	2.18	101
15	370X	160B	03/08/2014	TP699425	915	0.09	0.18	14.1	14.19	96	01.72	1.79	83
16	402X	189B	03/12/2014	TP699427	1160	0.19	0.25	14.8	15.03	102	01.66	1.76	81
17	6380	130B	03/04/2014	P699745	1105	0.28	0.42	14.3	14.33	97	02.01	2.05	95
18	R142	140B	03/06/2014	P699450	1100	0.18	0.22	13.8	13.9	94	01.61	1.67	77
19	2387	148B	03/07/2014	P699452	880	0.19	0.19	13.9	13.98	95	01.72	1.78	82
20	9110	161B	03/08/2014	P699458	1125	0.23	0.29	15.1	15.24	104	01.73	1.8	83
21	R159	165B	03/09/2014	P699460	1160	0.34	0.28	14.0	14.1	96	01.86	1.94	90
22	0187	171B	03/10/2014	P699750	1115	0.18	0.21	12.9	13.11	89	01.63	1.71	79
23	9245	191B	03/13/2014	P699466	1010	0.18	0.20	14.0	14.22	97	01.53	1.64	76
24	R230	195B	03/13/2014	P699754	1060	0.12	0.21	14.2	14.42	98	01.55	1.66	77
25	1011	201B	03/09/2014	P699431	890	0.14	0.21	12.8	12.92	88	02.56	2.64	122
26	1118	223B	03/16/2014	P699477	1145	0.21	0.16	15.6	15.88	108	01.67	1.8	83
27	1034	239B	03/18/2014	TP699416	1070	0.12	0.26	15.3	15.6	106	01.76	1.9	88
28	2207	244B	03/18/2014	P699483	1045	0.19	0.28	15.8	16.09	109	02.25	2.39	111
29	121U	245B	03/19/2014	P699484	1020	0.16	0.21	14.0	14.25	97	02.40	2.55	118
30	94P	260B	03/20/2014	P699490	1010	0.21	0.23	14.1	14.41	98	01.91	2.06	95
31	0139	262B	03/20/2014	P699492	1100	0.21	0.28	14.0	14.26	97	02.23	2.38	110
32	9130	298B	03/24/2014	P699505	1045	0.11	0.29	14.7	15.02	102	02.30	2.48	115
33	R150	301B	03/25/2014	P699507	860	0.23	0.31	13.3	13.7	93	01.67	1.86	86
35	421X	285B	03/23/2014	TP699436	985	0.18	0.20	14.9	15.2	103	01.89	2.06	95
36	407X	311B	03/25/2014	TP699435	925	0.12	0.15	14.0	14.39	98	01.80	1.99	92
37	9273	347B	03/28/2014	TP699433	985	0.19	0.26	14.0	14.37	98	01.88	2.09	97
38	1032	344B	03/27/2014	P699519	945	0.18	0.33	13.3	13.74	93	01.99	2.19	101
39	1326	359B	03/29/2014	P699524	890	0.18	0.32	13.2	13.68	93	02.25	2.47	114
41	1331	391B	04/01/2014	P699536	1005	0.19	0.26	14.1	14.57	99	02.46	2.7	125
42	6005	403B	04/03/2014	P699778	946	0.16	0.19	14.1	too young	to adjust	01.80	too young	to adjust
43	180U	410B	04/05/2014	P699542	1045	0.18	0.27	13.3	too young	to adjust	01.59	too young	to adjust
44	702T	416B	04/06/2014	P699779	1020	0.32	0.30	14.0	too young	to adjust	01.97	too young	to adjust
46	1373	441B	04/14/2014	P699552	930	0.23	0.23	14.5	too young	to adjust	02.04	too young	to adjust
48	2021	456B	04/20/2014	P699561	915	0.18	0.21	14.2	too young	to adjust	02.25	too young	to adjust
49	6130	465B	04/29/2014	P699566	915	0.27	0.29	12.5	too young	to adjust	01.87	too young	to adjust
50	2363	38B	02/13/2014	P699535	1020	0.21	0.21	15.6	15.42	105	01.79	1.7	79
51	2018	51B	02/16/2014	P699785	1020	0.37	0.33	13.2	13.03	89	02.37	2.3	106
53	9431	49B	02/15/2014	P699578	1180	0.44	0.31	14.3	14.14	96	02.42	2.34	108
54	9258	125B	03/03/2014	P699446	1175	0.25	0.34	15.2	15.24	104	01.77	1.8	83
55	9103	132B	03/05/2014	P699448	1115	0.48	0.41	12.9	12.96	88	02.24	2.29	106
56	3132	145B	03/06/2014	P699747	1055	0.19	0.30	14.8	14.88	101	01.91	1.97	91
58	183X	162B	03/09/2014	P699749	1140	0.18	0.28	15.1	15.27	104	01.54	1.62	75
59	1147	184B	03/11/2014	P699464	1075	0.21	0.20	17.6	17.79	121	02.81	2.9	134
60	R16	197B	03/13/2014	P699468	1105	0.32	0.30	15.4	15.59	106	01.54	1.64	76
61	394U	269B	03/21/2014	P699493	1100	0.21	0.32	16.7	17.01	116	01.38	1.54	71
62	145U	279B	03/22/2014	P699496	1035	0.21	0.30	13.7	14.07	96	01.88	2.05	95
63	81X	292B	03/24/2014	P699761	1160	0.32	0.21	15.5	15.89	108	02.07	2.25	104
64	4U	309B	03/25/2014	P699765	1090	0.25	0.35	13.0	13.4	91	02.39	2.58	119
65	R379	318B	03/26/2014	P699512	1100	0.16	0.16	16.2	16.62	113	01.21	1.41	65
66	R7	331B	03/27/2014	P699515	922	0.28	0.25	12.6	12.96	88	02.04	2.24	104
67	6330	368B	03/30/2014	P699773	990	0.19	0.19	14.9	15.35	104	01.92	2.14	99
68	1398	374B	03/30/2014	P699531	915	0.18	0.25	14.0	14.48	98	02.00	2.22	103
69	R32	390B	04/02/2014	P699776	1090	0.25	0.34	16.6	17.12	116	01.88	2.12	98
70	M91	399B	04/03/2014	P699538	870	0.19	0.28	12.8	too young	to adjust	01.86	too young	to adjust
72	2273	27B	02/11/2014	P699497	1055	0.19	0.18	14.3	14.12	96	01.97	1.86	86
74	6294	57B	02/19/2014	P699786	1265	0.21	0.28	14.9	14.79	100	01.78	1.73	80
75	9108	59B	02/20/2014	P699580	1255	0.19	0.29	14.4	14.35	97	01.56	1.52	70
76	3083	92B	02/27/2014	P699790	1125	0.30	0.35	13.8	13.78	94	02.58	2.59	120
77	2402	110B	03/01/2014	P699441	1070	0.19	0.23	15.4	15.45	105	01.61	1.63	75
78	161X	115B	03/02/2014	P699743	1185	0.23	0.32	14.8	14.9	101	02.30	2.33	108
79	174U	118B	03/03/2014	P699444	1145	0.16	0.20	13.8	13.83	94	01.24	1.27	59
80	1040	215B	03/15/2014	P699475	1185	0.23	0.31	14.5	14.7	100	02.93	3.05	141
81	2116	240B	03/18/2014	P699635	930	0.32	0.36	13.3	13.6	92	02.59	2.73	126
83	9060	300B	03/24/2014	P699763	1130	0.25	0.26	14.1	14.47	98	01.78	1.96	91
84	9012	305B	03/25/2014	P699764	1030	0.23	0.18	14.6	14.94	101	01.67	1.86	86
86	7171	371B	03/31/2014	P699529	1165	0.25	0.32	16.1	16.6	113	01.92	2.15	100

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						Rump Fat Thickness	Thickness						
87	2333	380B	04/01/2014	S699532	955	0.16	0.21	15.0	15.49	105	01.86	2.1	97
88	7002	408B	04/05/2014	P699540	1045	0.23	0.21	14.4	too young	to adjust	02.66	too young	to adjust
90	277U	444B	04/15/2014	P699553	1090	0.16	0.22	14.6	too young	to adjust	02.06	too young	to adjust
91	1435	449B	04/18/2014	P699557	950	0.21	0.21	13.3	too young	to adjust	01.56	too young	to adjust
93	89U	137B	03/05/2014	P699449	1095	0.32	0.27	15.5	15.58	106	02.18	2.23	103
94	298U	143B	03/06/2014	P699746	1280	0.25	0.43	15.0	15.13	103	01.94	2	93
95	288X	193B	03/11/2014	P699753	1040	0.23	0.25	16.0	16.21	110	01.77	1.86	86
96	108U	249B	03/19/2014	P699486	990	0.14	0.18	13.4	13.72	93	02.57	2.72	126
97	1234	288B	03/23/2014	P699501	1145	0.19	0.24	15.2	15.59	106	02.09	2.26	105
99	9259	349B	03/28/2014	P699520	1075	0.19	0.32	14.4	14.79	100	03.13	3.34	155
100	2036	25B	02/11/2014	P699489	1150	0.30	0.38	15.0	14.8	101	02.67	2.56	119
101	2069	31B	02/12/2014	P699656	1175	0.35	0.43	13.6	13.36	91	02.30	2.2	102
102	2047	34B	02/13/2014	P699769	1115	0.27	0.35	15.8	15.62	106	02.29	2.2	102
103	2057	35B	02/13/2014	P699525	1300	0.30	0.46	14.3	14.12	96	02.68	2.59	120
104	2009	36B	02/13/2014	P699527	1140	0.25	0.42	14.9	14.71	100	02.68	2.59	120
106	2210	60B	02/20/2014	P699787	1135	0.18	0.26	14.3	14.25	97	02.97	2.93	136
107	7131	62B	02/21/2014	P699582	1215	0.25	0.32	14.7	14.64	99	01.55	1.52	70
108	2406	65B	02/22/2014	P699584	1280	0.32	0.25	14.3	14.28	97	02.11	2.08	96
109	427X	69B	02/23/2014	P699586	1175	0.18	0.31	14.3	14.27	97	02.83	2.81	130
110	2237	79B	02/24/2014	P699587	1170	0.27	0.28	15.1	15.11	103	01.71	1.7	79
111	026X	83B	02/25/2014	P699402	1225	0.43	0.36	15.1	15.08	102	03.26	3.25	150
112	9393	149B	03/07/2014	P699453	1090	0.30	0.32	15.8	15.94	108	03.03	3.09	143
113	9322	153B	03/07/2014	P699404	1220	0.32	0.25	14.6	14.7	100	03.12	3.18	147
114	M2	155B	03/07/2014	P699457	1220	0.25	0.20	13.0	13.11	89	02.59	2.65	123
115	1205	159B	03/07/2014	P699748	1200	0.11	0.25	14.7	14.87	101	02.46	2.52	117
116	L157	163B	03/09/2014	P699459	1030	0.14	0.18	13.9	14.02	95	01.60	1.68	78
118	1115	194B	03/12/2014	P699467	1210	0.30	0.41	16.4	16.58	113	01.62	1.72	80
119	1079	198B	03/13/2014	P699469	1160	0.27	0.39	14.7	14.88	101	02.03	2.13	99
121	338U	207B	03/13/2014	P699471	990	0.12	0.16	12.6	12.85	87	01.21	1.32	61
122	210X	212B	03/14/2014	P699473	1180	0.25	0.26	15.0	15.26	104	01.72	1.83	85
123	428X	220B	03/16/2014	S699476	1095	0.21	0.25	15.1	15.3	104	01.64	1.77	82
124	1193	228B	03/17/2014	P699757	970	0.21	0.24	14.9	15.12	103	02.30	2.43	113
125	M358	229B	03/17/2014	P699478	1120	0.12	0.18	15.4	15.71	107	01.51	1.64	76
126	168X	231B	03/17/2014	P699479	1145	0.25	0.20	15.8	16.1	109	02.46	2.59	120
127	110X	232B	03/17/2014	P699480	1270	0.32	0.39	16.6	16.82	114	02.72	2.85	132
128	7099	248B	03/19/2014	P699485	1090	0.25	0.30	16.1	16.4	111	01.76	1.91	88
129	131X	259B	03/20/2014	P699759	930	0.11	0.17	16.3	16.61	113	01.56	1.71	79
130	9286	275B	03/21/2014	P699494	1025	0.25	0.28	13.7	14.03	95	02.07	2.23	103
131	M306	276B	03/22/2014	P699495	1140	0.19	0.21	12.9	13.22	90	02.35	2.52	117
132	0138	294B	03/24/2014	P699504	1100	0.11	0.18	16.5	16.85	114	01.99	2.17	100
133	9161	303B	03/25/2014	P699508	950	0.28	0.29	14.4	14.74	100	02.04	2.23	103
134	1289	304B	03/25/2014	P699407	1040	0.32	0.26	13.0	13.33	91	02.61	2.8	130
135	1067	321B	41724		985	0.16	0.21	13.1			01.67		
137	1232	324B	03/27/2014	P699768	980	0.23	0.34	15.0	15.45	105	02.80	3	139
138	182U	325B	03/27/2014	P699514	1120	0.28	0.26	14.4	14.85	101	03.06	3.26	151
139	1257	334B	03/27/2014	P699516	972	0.23	0.19	13.7	14.08	96	03.21	3.41	158
140	1343	351B	03/28/2014	P699522	1110	0.23	0.28	14.0	14.46	98	01.85	2.06	95
142	2040	373B	03/31/2014	P699774	1070	0.23	0.27	14.3	14.76	100	02.02	2.25	104
143	2398	384B	04/01/2014	P699533	1075	0.23	0.34	15.6	16.04	109	01.93	2.17	100
144	0154	418B	04/07/2014	P699544	890	0.18	0.25	13.2	too young	to adjust	02.05	too young	to adjust
145	R28	428B	04/09/2014	P699547	1015	0.16	0.20	14.2	too young	to adjust	01.12	too young	to adjust
147	9127	445B	04/15/2014	S699554	1075	0.21	0.24	14.6	too young	to adjust	01.48	too young	to adjust
148	3086	446B	04/17/2014	S699555	970	0.18	0.28	15.2	too young	to adjust	01.63	too young	to adjust
149	M7	448B	04/17/2014	P699556	930	0.25	0.21	13.7	too young	to adjust	02.35	too young	to adjust
150	07K	457B	04/22/2014	P699562	908	0.23	0.40	12.6	too young	to adjust	01.96	too young	to adjust
151	7179	474B	05/06/2014	P699570	955	0.34	0.24	14.3	too young	to adjust	03.58	too young	to adjust
153	M86	343B	03/27/2014	P699518	1160	0.27	0.33	14.3	14.75	100	02.29	2.49	115
154	2197	350B	03/28/2014	P699521	930	0.21	0.21	15.5	15.95	108	01.53	1.74	81
1068						0.22	0.26	14.44	14.72		2.05	2.16	

ANGUS BULLS - Please note: Angus bulls are ratioed separately from Salers and Optimizer bulls. Salers and Optimizers are ratioed together.

Lot #	Tag	Tattoo	Birthdate	Reg. Number	Weight	Rib Fat		Ribeye Area	Ribeye Area (ADJ)	Ribeye Area Ratio	IMF	IMF (ADJ)	IMF Ratio
						Rump Fat Thickness	Thickness						
155	2409	1B	1/30/2014	18057228	1235	0.25	0.32	15.6	15.0	107	3.45	3.35	126
156	2432	3B	2/4/2014	18057231	1185	0.27	0.32	14.3	13.8	99	1.65	1.57	59
157	2100	11B	2/6/2014	18057232	1290	0.3	0.23	14.8	14.4	103	2.97	2.89	109
158	2291	15B	2/8/2014	18057224	1200	0.28	0.35	13.2	12.9	92	2.84	2.77	105
161	1002	158B	3/8/2014	18057241	1175	0.37	0.36	14.9	15.2	99	2.92	2.96	119
162	1428	206B	3/14/2014	18057353	1265	0.27	0.26	14.8	15.3	100	3.41	3.47	139
163	W92	333B	3/27/2014	18057206	1105	0.25	0.29	15.8	16.4	107	1.85	1.96	79
164	1382	335B	3/27/2014		1060	0.34	0.47	13.7	14.3	100	4.31	4.42	100
165	174X	336B	3/27/2014		1220	0.43	0.41	15.5	16.3	100	3.54	3.65	100
Averages							0.33	14.7	14.84		2.99	3.00	