

**MacDonald Ranches Performance Power 2014 Sale  
Ultrasound Scan Data**

Lot #	Tag	Tattoo	Birthdate	Reg. Number	Weight	Rump Fat Thickness	Rib Fat Thickness	Ribeye Area	Ribeye Area	IMF	IMF (ADJ)	IMF Ratio	
								(ADJ)	Ratio				
1	7180	164A	03/01/2013	P692639	950	0.09	0.13	14.8	14.8	111	02.18	2.19	108
2	3086	223A	03/12/2013	P692681	865	0.09	0.16	13.6	13.81	104	01.73	1.81	89
3	225X	421A	04/03/2013	P692831	860	0.18	0.15	14.0	14.52	109	01.55	1.79	88
4	1361	8A	02/08/2013	TP693283	935	0.11	0.13	12.9	12.64	95	02.05	1.91	94
5	1121	49A	02/16/2013	TP693285	1075	0.21	0.19	12.3	12.12	91	01.59	1.51	74
6	1117	9A	02/09/2013	P692959	850	0.12	0.11	12.9	12.63	95	01.61	1.48	73
8	241X	58A	02/17/2013	692933	985	0.05	0.15	13.6	13.43	101	02.08	2	99
9	1415	19A	02/10/2013	TP693301	905	0.09	0.09	12.8	12.51	94	02.60	2.47	122
10	1343	25A	02/11/2013	TP693302	915	0.09	0.15	12.1	11.9	90	01.67	1.55	76
11	1215	22A	02/11/2013	P692686	935	0.11	0.17	13.9	13.7	103	02.38	2.26	111
12	1118	46A	02/16/2013	P692867	1025	0.16	0.28	14.3	14.13	106	02.35	2.27	112
13	1331	107A	02/22/2013	P692598	970	0.21	0.15	12.7	12.65	95	01.98	1.94	96
14	341J	112A	02/23/2013	P692964	865	0.07	0.10	11.2	11.11	84	02.00	1.96	97
15	R339	122A	02/23/2013	P692966	865	0.07	0.14	11.3	11.22	84	01.67	1.64	81
16	101X	143A	02/26/2013	P692971	880	0.09	0.17	12.6	12.57	95	01.47	1.46	72
17	1384	129A	02/25/2013	P692613	1050	0.18	0.15	14.0	14	105	01.63	1.61	79
18	1257	151A	02/27/2013	P692632	880	0.14	0.11	12.7	12.67	95	02.19	2.18	107
19	233X	161A	03/01/2013	P692638	980	0.11	0.19	15.1	15.06	113	01.53	1.54	76
20	195P	207A	03/10/2013	P692989	980	0.16	0.15	12.9	13.07	98	01.65	1.72	85
21	381X	214A	03/11/2013	P692673	870	0.09	0.14	12.0	12.11	91	02.22	2.3	113
22	9031	224A	03/12/2013	P692682	985	0.12	0.24	12.7	12.85	97	01.40	1.48	73
23	187U	241A	03/14/2013	P692695	960	0.09	0.18	13.3	13.5	102	01.66	1.76	87
24	327X	254A	03/15/2013	P692705	850	0.05	0.11	12.3	12.47	94	01.76	1.86	92
25	R142	260A	03/15/2013	P692710	905	0.12	0.14	11.3	11.53	87	01.53	1.64	81
26	M205	269A	03/16/2013	P692717	910	0.16	0.16	12.2	12.46	94	02.06	2.17	107
27	281X	277A	03/17/2013	P692724	860	0.09	0.19	13.3	13.51	102	01.57	1.69	83
28	117P	291A	03/18/2013	P693008	980	0.09	0.20	13.6	13.85	104	01.48	1.61	79
29	R291	296A	03/19/2013	P692734	955	0.14	0.20	13.8	14.06	106	02.61	2.74	135
30	1153	303A	03/20/2013	P692741	1000	0.16	0.19	13.3	13.53	102	02.21	2.35	116
31	170X	310A	03/20/2013	P692749	1020	0.16	0.22	12.8	13.1	99	01.79	1.93	95
32	9393	304A	03/20/2013	P692742	1005	0.09	0.21	13.3	13.59	102	02.00	2.14	105
33	1307	319A	03/21/2013	P693013	815	0.07	0.13	13.9	14.16	107	01.86	2.01	99
34	702T	361A	03/26/2013	P693023	885	0.12	0.16	12.7	13.05	98	01.55	1.73	85
35	M93	384A	03/29/2013	P692807	840	0.09	0.11	12.8	13.21	99	02.29	2.49	123
36	7273	423A	04/03/2013	P692833	855	0.14	0.16	13.2	13.69	103	01.66	1.9	94
37	6300	438A	04/06/2013	P692844	960	0.19	0.20	12.9	too young	to adjust	01.99	too young	to adjust
38	22U	444A	04/07/2013	P693039	885	0.07	0.12	13.7	too young	to adjust	01.44	too young	to adjust
39	9191	453A	04/09/2013	P692855	885	0.25	0.19	12.5	too young	to adjust	01.43	too young	to adjust
40	197X	454A	04/10/2013	P693043	825	0.05	0.11	13.3	too young	to adjust	02.13	too young	to adjust
41	180U	483A	04/22/2013	P692878	805	0.14	0.11	12.4	too young	to adjust	01.96	too young	to adjust
42	6208	513A	05/03/2013	P692902	910	0.09	0.07	14.2	too young	to adjust	02.17	too young	to adjust
43	41X	516A	05/05/2013	P692905	780	0.09	0.13	12.7	too young	to adjust	01.90	too young	to adjust
44	196U	523A	05/12/2013	P692912	780	0.14	0.15	11.5	too young	to adjust	02.08	too young	to adjust
45	1430	1A	02/06/2013	P692665	935	0.23	0.22	13.2	12.93	97	01.97	1.82	90
46	1302	14A	02/09/2013	P692631	1035	0.14	0.24	11.8	11.49	87	02.09	1.96	97
47	1440	45A	02/16/2013	P692859	1095	0.14	0.14	15.5	15.33	115	02.29	2.21	109
48	1059	64A	02/18/2013	692937	1010	0.12	0.18	12.9	12.75	96	02.16	2.09	103
49	1351	77A	02/19/2013	P692945	1035	0.16	0.13	17.1	17	128	01.64	1.58	78
50	R16	142A	02/26/2013	P692625	1070	0.23	0.20	13.9	13.82	104	01.42	1.41	69
51	1435	98A	02/21/2013	P692957	995	0.14	0.11	13.5	13.4	101	01.83	1.78	88
53	1263	99A	02/21/2013	P692958	940	0.12	0.18	12.5	12.41	93	02.65	2.6	128
54	1015	154A	02/27/2013	P692634	1080	0.18	0.15	12.2	12.23	92	01.64	1.63	80
55	1176	167A	03/02/2013	P692641	895	0.12	0.11	13.1	13.11	99	01.74	1.75	86
56	9364	211A	03/11/2013	P692991	1000	0.16	0.18	14.2	14.35	108	01.48	1.56	77
57	1398	213A	03/11/2013	P692672	890	0.05	0.09	13.2	13.32	100	02.10	2.18	107
58	6153	238A	03/14/2013	P692996	905	0.23	0.24	11.8	11.96	90	02.10	2.2	108
59	R35	347A	03/25/2013	P692776	1050	0.19	0.15	12.1	12.46	94	01.35	1.52	75
60	145U	370A	03/28/2013	P692793	980	0.16	0.15	11.6	11.97	90	02.65	2.85	140
61	6057	432A	04/04/2013	P692840	890	0.16	0.20	14.5	15.02	113	01.86	2.1	103
62	L191	445A	04/07/2013	P692850	775	0.09	0.11	11.8	too young	to adjust	01.55	too young	to adjust
63	4U	463A	04/13/2013	P693047	910	0.16	0.22	13.2	too young	to adjust	02.07	too young	to adjust
64	M86	478A	04/20/2013	P692874	865	0.09	0.13	14.1	too young	to adjust	01.52	too young	to adjust
65	37U	500A	04/27/2013	P692890	750	0.07	0.09	12.4	too young	to adjust	02.07	too young	to adjust
66	3220	360A	03/26/2013	P692787	965	0.18	0.13	14.5	14.82	112	01.71	1.89	93
67	1431	84A	02/20/2013	P692950	945	0.23	0.25	13.6	13.51	102	01.87	1.81	89
68	195X	209A	03/10/2013	P692669	1010	0.12	0.17	13.4	13.52	102	02.62	2.69	133
69	1019	62A	02/17/2013	P692936	1055	0.25	0.29	13.0	12.83	97	02.59	2.51	124
70	398X	120A	02/24/2013	P692608	915	0.09	0.09	14.0	13.94	105	01.60	1.57	77
71	1196	147A	02/26/2013	P692972	960	0.14	0.14	13.0	12.96	98	02.94	2.93	144
72	M7	165A	03/01/2013	P692640	1065	0.23	0.16	14.8	14.78	111	01.70	1.71	84
73	180X	168A	03/02/2013	S692642	1030	0.14	0.19	13.4	13.46	101	01.61	1.62	80
74	O138	170A	03/02/2013	P692644	1050	0.09	0.13	14.0	13.98	105	01.89	1.9	94
75	3083	174A	03/03/2013	P692979	1115	0.14	0.19	14.3	14.35	108	01.78	1.8	89
76	7196	185A	03/05/2013	P692982	1050	0.12	0.15	14.3	14.35	108	01.86	1.9	94
77	6228	200A	03/08/2013	P692986	975	0.21	0.28	12.7	12.85	97	02.59	2.65	131
78	1300	205A	03/09/2013	P692668	925	0.23	0.16	14.8	14.94	113	02.77	2.83	139
79	6161	228A	03/12/2013	P692684	1175	0.21	0.32	15.0	15.19	114	01.74	1.82	90
80	213X	285A	03/17/2013	P693004	955	0.12	0.19	12.7	12.92	97	01.98	2.1	103
81	1067	267A	03/15/2013	P692999	945	0.14	0.29	12.6	12.78	96	02.58	2.68	132
82	L157	328A	03/22/2013	P692762	945	0.12	0.13	13.2	13.47	101	01.62	1.77	87
83	352X	329A	03/22/2013	P693015	940	0.14	0.15	12.7	13.01	98	02.55	2.7	133
84	78X	335A	03/23/2013	P692768	960	0.19	0.09	11.8	12.09	91	01.93	2.09	103
85	182U	367A	03/27/2013	P692790	920	0.18	0.21	13.8	14.16	107	02.36	2.55	126
86	227X	422A	04/03/2013	P692832	1060	0.25	0.20	12.5	12.99	98	02.60	2.84	140

**MacDonald Ranches Performance Power 2014 Sale  
Ultrasound Scan Data**

Lot #	Tag	Tattoo	Birthdate	Reg. Number	Weight	Rump Fat Thickness	Rib Fat Thickness	Ribeye Area			IMF	IMF (ADJ)	IMF Ratio
								Ribeye Area	Ribeye Area (ADJ)	Ribeye Area Ratio			
87	1075	484A	04/22/2013	P693053	900	0.12	0.11	12.5	too young	to adjust	01.93	too young	to adjust
88	407X	452A	04/09/2013	P693042	835	0.19	0.15	12.6	too young	to adjust	02.27	too young	to adjust
89	173U	55A	02/17/2013	693070	1010	0.23	0.23	12.2	12.06	91	02.26	2.18	107
90	1347	109A	02/23/2013	692963	885	0.14	0.15	14.8	14.7	111	01.89	1.86	92
91	89U	111A	02/23/2013	P692602	1110	0.19	0.19	12.7	12.61	95	02.49	2.46	121
92	298U	115A	02/23/2013	P692965	970	0.07	0.13	12.7	12.65	95	02.15	2.11	104
93	M22	141A	02/26/2013	P692970	990	0.16	0.14	12.6	12.52	94	02.24	2.23	110
94	9208	160A	03/01/2013	P692637	815	0.09	0.13	12.6	12.58	95	02.54	2.55	126
95	377U	191A	03/06/2013	P692985	1050	0.14	0.20	12.7	12.77	96	02.91	2.95	145
96	9183	249A	03/14/2013	P692700	950	0.11	0.16	12.3	12.45	94	02.12	2.22	109
97	89X	262A	03/15/2013	P692712	850	0.14	0.09	12.0	12.23	92	02.07	2.17	107
98	397X	273A	03/16/2013	P692721	955	0.11	0.19	14.1	14.31	108	01.63	1.74	86
99	168X	274A	03/16/2013	P692722	945	0.11	0.14	12.8	12.98	98	01.59	1.7	84
100	108U	322A	03/21/2013	P692755	905	0.25	0.19	12.6	12.85	97	01.98	2.13	105
101	288X	297A	03/19/2013	P693010	970	0.11	0.13	13.8	14.06	106	02.00	2.13	105
102	207X	282A	03/17/2013	P693002	1040	0.14	0.16	13.8	14.06	106	02.01	2.13	105
103	282P	383A	03/29/2013	P692806	1085	0.18	0.18	13.4	13.78	104	01.71	1.91	94
104	O167	410A	04/02/2013	P692823	1040	0.16	0.17	14.5	14.99	113	01.97	2.2	108
105	3145	464A	04/14/2013	P693048	775	0.12	0.13	13.2	too young	to adjust	02.08	too young	to adjust
106	1148	2A	02/06/2013	P692738	895	0.07	0.13	11.8	11.47	86	02.08	1.93	95
107	1154	6A	02/08/2013	P693073	1080	0.16	0.20	13.8	13.47	101	02.11	1.97	97
108	1079	18A	02/10/2013	P692657	1110	0.11	0.22	14.2	13.95	105	02.56	2.43	120
109	1258	20A	02/10/2013	P692670	840	0.07	0.11	12.2	11.95	90	01.61	1.48	73
110	1399	30A	02/12/2013	P692748	1040	0.21	0.19	13.6	13.41	101	02.87	2.76	136
111	1282	47A	02/16/2013	692875	950	0.14	0.15	14.3	14.14	106	01.60	1.52	75
112	7224	52A	02/17/2013	P692919	990	0.12	0.24	13.8	13.62	103	02.08	2	99
113	1230	56A	02/17/2013	P692932	910	0.16	0.19	12.6	12.45	94	01.81	1.73	85
114	1283	66A	02/18/2013	P692939	835	0.18	0.19	12.4	12.25	92	01.86	1.79	88
115	9250	68A	02/18/2013	P692940	1145	0.30	0.32	13.8	13.7	103	02.16	2.09	103
116	1099	97A	02/21/2013	P692956	1015	0.23	0.24	14.4	14.33	108	01.82	1.77	87
117	1205	100A	02/21/2013	P692960	935	0.12	0.14	12.3	12.24	92	02.02	1.97	97
118	338U	125A	02/24/2013	P692610	1030	0.12	0.22	14.0	13.92	105	02.25	2.22	109
119	1417	130A	02/25/2013	P692615	995	0.21	0.13	12.7	12.62	95	01.96	1.94	96
120	M357	136A	02/25/2013	P692620	1040	0.16	0.15	11.1	11.04	83	02.04	2.02	100
121	R198	135A	02/25/2013	P692619	1100	0.25	0.27	13.3	13.29	100	02.35	2.33	115
123	9217	139A	02/25/2013	P692622	1080	0.21	0.22	14.0	14	105	02.31	2.29	113
124	6211	157A	02/28/2013	P692975	1045	0.11	0.14	12.4	12.39	93	02.18	2.18	107
125	402X	114A	02/23/2013	TP693290	1110	0.16	0.22	13.0	12.89	97	02.39	2.36	116
126	7341	162A	03/01/2013	TP693291	1025	0.14	0.16	12.5	12.53	94	02.14	2.15	106
127	374U	166A	03/02/2013	TP693292	925	0.12	0.16	11.7	11.71	88	02.55	2.56	126
128	299X	180A	03/03/2013	TP693293	1080	0.19	0.20	13.3	13.31	100	01.46	1.48	73
129	261X	208A	03/10/2013	TP693295	1050	0.09	0.15	12.9	13.06	98	02.08	2.15	106
130	370X	242A	03/14/2013	TP693296	985	0.11	0.16	13.0	13.15	99	01.86	1.96	97
131	7148	302A	03/19/2013	TP693298	1040	0.09	0.13	13.7	14	105	01.47	1.6	79
132	384P	172A	03/02/2013	P692646	1050	0.25	0.19	12.9	12.97	98	01.90	1.91	94
133	1162	173A	03/02/2013	P692647	980	0.18	0.22	14.0	14.01	105	01.87	1.88	93
134	138U	181A	03/03/2013	P692981	1040	0.27	0.22	12.1	12.13	91	02.06	2.08	102
135	M179	183A	03/04/2013	P692652	1075	0.14	0.18	14.4	14.48	109	01.60	1.63	80
136	M306	195A	03/07/2013	P692661	950	0.14	0.14	12.8	12.91	97	01.41	1.46	72
137	51U	197A	03/08/2013	P692663	970	0.21	0.23	11.8	11.86	89	02.07	2.13	105
138	434X	218A	03/11/2013	P692676	1005	0.18	0.22	15.4	15.52	117	02.36	2.44	120
139	353X	216A	03/11/2013	P692674	1070	0.16	0.20	13.3	13.48	102	02.12	2.2	108
140	383X	212A	03/11/2013	P692671	1005	0.19	0.24	14.5	14.63	110	02.88	2.96	146
141	210X	219A	03/11/2013	P692677	1135	0.19	0.17	14.3	14.44	109	01.74	1.82	90
142	1007	222A	03/12/2013	P692993	980	0.14	0.29	13.1	13.31	100	01.77	1.85	91
143	9346	225A	03/12/2013	P692994	930	0.11	0.24	13.4	13.54	102	01.62	1.7	84
144	M111	239A	03/14/2013	P692693	805	0.09	0.11	11.6	11.78	89	02.29	2.39	118
145	M2	253A	03/15/2013	P692704	1095	0.16	0.17	12.4	12.64	95	02.22	2.33	115
146	R106	255A	03/15/2013	P692706	1080	0.19	0.16	13.5	13.72	103	02.11	2.22	109
147	110X	257A	03/15/2013	P692708	980	0.16	0.13	12.3	12.49	94	02.26	2.36	116
148	249P	294A	03/18/2013	P692732	1000	0.09	0.17	13.3	13.59	102	01.87	2	99
149	24X	261A	03/15/2013	P692711	995	0.16	0.17	13.7	13.89	105	02.14	2.24	110
150	M358	331A	03/23/2013	P692765	905	0.12	0.12	11.5	11.83	89	01.45	1.61	79
151	274X	334A	03/23/2013	P692767	1040	0.23	0.22	13.2	13.47	101	02.23	2.39	118
152	7179	311A	03/20/2013	P692750	1090	0.11	0.28	14.1	14.37	108	02.63	2.77	136
153	130X	327A	03/22/2013	P692761	890	0.16	0.17	13.6	13.89	105	01.56	1.71	84
154	7036	399A	03/31/2013	P693029	900	0.12	0.09	11.6	12.04	91	01.78	2	99
155	47U	440A	04/07/2013	P692846	875	0.11	0.12	11.8	too young	to adjust	01.69	too young	to adjust
156	6051	475A	04/18/2013	P692872	885	0.18	0.20	11.2	too young	to adjust	01.74	too young	to adjust
157	69U	498A	04/26/2013	P693057	910	0.09	0.09	13.5	too young	to adjust	01.77	too young	to adjust
158	201U	502A	04/27/2013	P693058	900	0.18	0.15	12.8	too young	to adjust	01.78	too young	to adjust
159	111X	299A	03/19/2013	P692736	930	0.21	0.16	13.9	14.15	107	02.13	2.26	111

**Averages**

0.17

13.15

13.28

1.98

2.03

**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	Rump Fat Thickness	Rib Fat Thickness	Ribeye Area			IMF	IMF (ADJ)	IMF Ratio
								Ribeye Area	Ribeye Area (ADJ)	Ribeye Area Ratio			
160	1011	75A	2/19/2013	17748004	1035	0.21	0.21	14.2	14.3	106	2.5	2.47	129
161	7160T	182A	3/4/2013	17750436	1060	0.09	0.16	15.5	15.6	116	1.51	1.53	80
162	8208	39A	2/14/2013	17747088	1010	0.11	0.11	11.9	11.7	87	1.7	1.65	86
163	166X	247A	3/15/2013	17750432	945	0.16	0.16	12.1	12.4	92	2.07	2.13	111
164	P4234	396A	3/31/2013	17748206	820	0.19	0.15	14.1	14.7	103	2.55	2.67	118
165	W969	397A	4/1/2013	17748107	975	0.19	0.17	13.4	13.9	97	1.74	1.86	82

**Averages**

0.16

13.5

13.77

2.01

2.05