

**RED ANGUS & QUARTER HORSES** 

45th Annual Production Sale

WEDNESDAY, MARCH 1, 2023

1 p.m. MST • At the Ranch • Firesteel, SD

Selling 87 1A Red Angus Bulls

DVAuction Broadcasting Real-time Auc



**LOT 1 – BHR PROMOTION 203** 



**LOT 2 – BHR PROMOTION 25** 



LOT 5 – BHR NEW DIRECT 749 2167



**LOT 7 – BHR PROMOTION 2115** 

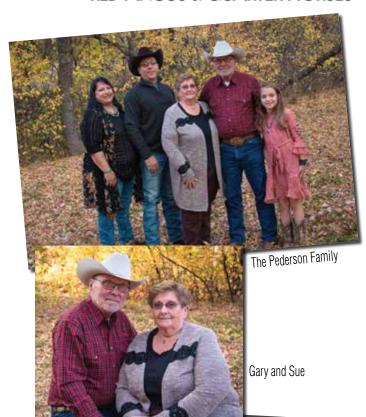


LSF SRR Impeccable 3150Å •BHR Moonshine 411 BHR Moonshine 408 • Fritz Vengance 22D LSF SRR High Plains 6237D • LSF SRR Pure Gold 7519E LSF SRR High Value 7525E • SSS Approve 540 LSF SRR Inspire 7586E • Plus others ...





**RED ANGUS & QUARTER HORSES** 



Chad, Lisa, and Bricelyn



Cliff, Wyatt, Kim and Austin Olson

12523 245th Ave • Firesteel, SD 57633 bhrredangus@lakotanetwork.com www.pedersonredangus.com



Welcome to our 45th annual sale. In 1961, our Patriarch and Matriarch Ralph and Helen Pederson, purchased their first Red Angus females from Becton Stock Farm. A little over six decades have gone by but we still have the same philosophy of raising cattle and Quarter Horses. We also have been fortunate to have repeat customers that date back to the beginning.

We have enjoyed producing Registered Red Angus all our lives and have met many producers and have made lifelong friends. We are very proud of the fact that our genetics have played a role in commercial programs that are recognized for top-selling replacement quality females and steers that push the scales to the limit. Your success is what drives us to select and produce cattle that are exceeding industry average. The Red Angus breed just keeps growing in popularity and doesn't show any indication of slowing anytime soon. Heifers are outselling their steer mates and more and more breed associations are using Red Angus females for their crossbreeding selections. With the advancement of technology there are numerous tools to help with herd bull selection.

Feel free to visit with us anytime and we can use our decades of experience to answer questions that will assist you in fine tuning your herd. Our philosophy hasn't changed any about raising cattle. "Staying consistent" and selecting for a balanced set of traits. We simply focus on females that are feminine and highly maternal with outstanding feet and leg structure and level udders. We strive to have these qualities combined with cattle that are deep sided, long bodied and have plenty of muscle wrapped up in a quiet and easy to handle package.

The bulls were weaned in the middle of October. They weaned great and did well during the cold spells and negative windchills. We will have them carcass ultrasound evaluated late February and will have Oahe Vet palpate and scrotal measure all the bulls. That information will be available through a supplement sheet sale day or on our website www.pedersonredangus.com. We will not have the bulls semen tested due to their younger age, but we do stand behind them when that time arrives prior to breeding. This year, the entire offering is parent verified with GGP testing for enhanced EPDs

We would like to thank everyone for attending and considering using our genetics in your program. Bull selection is never an easy task and feel free to ask us any questions about the bulls. We will help you select bulls with the traits that you would like to improve and help you get to your end-product goal.

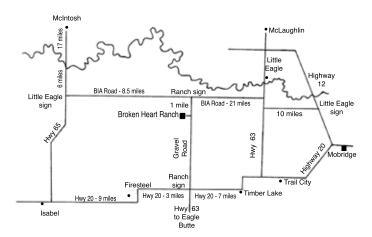
The Pederson Broken Heart Ranch crew Gary and Sue, Chad, Lisa and Bricelyn

## 45th Annual Production Sale Wednesday, March 1, 2023

1:00 p.m. MST • Storm Date: March 5, 2023

### **SALE LOCATION:**

At the Ranch – Firesteel, South Dakota 3 miles east, 11 miles north of Firesteel or 7 miles west and 11 miles north of Timber Lake



#### PHONE:

### **OFFERING:**

87 Registered Red Angus Yearling Bulls

View videos, catalog and more pictures online at: www.pedersonredangus.com

### **SALE ORDER:**

A supplement sheet will be provided sale day with carcass, scrotal measurements and sale order.

### **SALE HOSTS:**

**Broken Heart Ranch** 

12523 245th Ave. • Firesteel, SD 57633

e-mail: bhrranch@lakotanetwork.com

### Chad, Lisa & Bricelyn Pederson

Chad's cell: 605-850-9878 • Lisa's cell: 701-226-3733

e-mail: bhrredangus@lakotanetwork.com

## COMPLIMENTARY LUNCH SERVED BEFORE THE SALE

EPD BREED AVERAGES - PROVEN & OPPORTUNITY SIRES

						Pro	S		ΗВ		GI	M				
						9	1		54		3	7				
	CED	BW	WW	YW	ADG	DMI	M	ME	HPG	CEM	ST	MARB	YG	CW	REA	FAT
Ī	13	-1.8	62	100	.23	1.46	25	3	11	7	15	0.42	0.06	24	0.14	0.02

### **AUCTIONEER:**

### **SALES REPRESENTATIVES:**

### Lee Agri Media Livestock Group

### **Red Angus Association of America**

### The Cattle Business Weekly

### **Tri State Livestock News**

### **VIDEO SALE:**

The sale will be a video auction. All cattle will be penned in the barn but will not go through the ring. Cattle will be displayed by video.

#### **ONLINE BIDDING:**

The sale will be broadcast live via DVAuction.com. See page 2 for registration and bidding instructions.



### LIVESTOCK INSURANCE:

### **BRAND INSPECTOR:**

### **SALE PROMOTION AND CATALOG:**

Cow Camp Promotions......cowcamppromotions.com

### **ACCOMODATIONS:**

Firesteel Greek Lodge, Isabel, SD	605-466-2452
The Limit Lodge and Cabins	605-865-3224
Wrangler Inn, Mobridge, SD	605-845-3641
Mobridge Kountry Inn	1-888-882-2412

#### EPD BREED AVERAGES - NON-PARENTS UNDER 2 YEARS OF AG

					Pro	S		ΗВ		GI	VI				
					94			55		3	9				
CED	BW	WW	YW	ADG	DMI	W	ME	HPG	CEM	ST	MARB	YG	CW	REA	FAT
13	-1.9	60	96	0.22	1.40	25	2	11	7	15	0.43	0.06	23	0.14	0.02

## Sale Information

### **DELIVERY:**

It is our policy to assist in delivery to your ranch or to central locations on major highways within 300 miles. Bulls picked up within three or four days will receive a \$50 hauling refund. We will keep the bulls until April 1 at no charge but we will not be responsible for sickness or injury. However, we will keep you informed if anything turns up. We would like to start delivering bulls as soon as weather permits. We're giving a 5% discount on 5 or more bulls to the same ranch and a 10% discount for 10 bulls to the same ranch.

#### HEALTH:

All cattle are on a complete vaccination program and are BQA Certified. Oahe Veterinary Clinic, (605) 845-3634, is our primary veterinarian and will also be available on sale day. None of the cattle have had creep feed.

### **INSPECTION OF CATTLE:**

Cattle will be available for inspection at any time prior to the sale.

#### LIABILITIES:

All persons who attend the sale do so at their own risk. The owners assume no liability, legal or otherwise, for any accidents which may occur.

### **BREEDING GUARANTEE:**

We guarantee all bulls to be breeders although we recommend you have the bull's semen tested a couple of weeks before turn out time. If after two tests a bull is found to be a non-breeder, we will replace the bull or allow credit toward next year's sale. This guarantee is void if there is evidence of improper management in caring for the animal, or the bull's inability to breed is due to sickness or injury which was incurred after being sold. The bull shall be returned by the purchaser or other arrangements made with us. Scrotal measurements and ultra sound data on the bulls will be available on sale day. All bulls are born and raised on this ranch.

### SEMEN INTEREST:

Broken Heart Ranch is retaining a 1/3 semen interest in all bulls and selling full possession, full salvage, plus 2/3 semen revenue. This means any semen sold on any of the bulls, Broken Heart will receive 1/3 the selling price per unit. We also reserve the right to collect semen on any of the bulls, for our own use. This semen will be collected at our expense and the buyer's convenience.

### **GENOMICS:**

All bulls have been DNA tested and have genomically-enhanced EPDs. **\*\*ZGGP** 

### **Watch & Bid online for FREE!**



# Visit www.dvauction.com and Register!

It's as easy as 1, 2, 3 ...

- 1. Create an account at www.dvauction.com under the "create new account" tab.
- Apply for bidding by clicking "apply for bidding" in the upper left corner of your screen, at least 24 hours prior to the auction.
- 3. Tune into the sale and make your purchases!

### Can't make the sale?

Let DVAuction bring the sale to you!

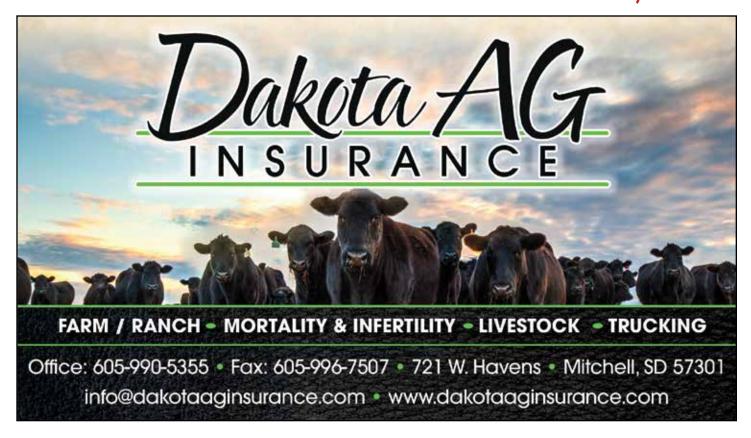
### **Busy during the sale?**

Let DVAuction represent your bid!

For general questions, please contact our office:

(402) 316-5460 or support@dvauction.com

\*High Speed Internet Access Required









Pederson's Broken Heart Ranch - 3

## Merlyn Eugene Thorstenson

Merlyn Eugene Thorstenson was born in Mobridge, SD on December 28, 1937 to Melvin and Ingrid (Johnson) Thorstenson. He passed away peacefully on Sunday, October 23, 2022. He attended McKinley Country school and graduated from Selby High School in 1955. He attended SDSU and Riech School of Auctioneering in Mason City, Iowa and retired from auctioneering in 2010 after 52 years.

In 1958, Merlyn met a beautiful farm girl from Java, Janice Oster. He told the story of the first time he went to the Oster farm, east of Java. Janice was hard at work, milking the cows and since Merlyn was a farm boy himself, this was a match made in heaven. They were married on September 18, 1960 and blessed with 4 children: Brenda, Renae, Lori, and Marlyn.

Merlyn and Janice made their home on the Thorstenson homestead, Green Valley Stock Farm, where he spent his entire life farming and ranching. In 1998, they moved to the "house on the hill" across from the farm. Merlyn, his dad, Melvin, and his brother, Topper ranched at Wing, ND. Every summer cattle were trucked to North Dakota, where family, friends, and neighbors gathered there for branding. Merlyn was an avid horseman. He always believed that cattle should be handled on horseback. He enjoyed riding on trail rides, and participated in horse shows, where he won ribbons for many events. He drove a horse drawn sleigh in the winter and buggy in the summer.

In addition to the farm and ranch, Merlyn, Janice, and family ran an auction business. Merlyn was also a supporter of 4-H and helped with numerous livestock auctions. He was a life-long member of the Circle S Saddle Club and the Selby Rodeo Association. He also was a member of Bethany Lutheran Church and St. John's where he served on the church council at both parishes. Merlyn was a generous man and supported many community projects. He loved to visit with family and friends, but could also strike up a conversation with any stranger he met.

Merlyn and Janice enjoyed spending the winters in Mercedes, Texas, where they met many life-long friends. They also traveled to several places including Egypt and Norway. Merlyn was proud of his Norwegian heritage; he loved to eat lutefisk and lefse and recited the Norwegian table prayer at many family events.

Merlyn's passion for farming and ranching is being passed down to the next generations. Son, Marlyn, and Grandson, Taite, are currently operating Green Valley Stock Farm.

Merlyn is survived by his wife of 62 years, Janice; his daughters, Brenda Czmowski (Ron) of Black Hawk, SD; Renae Rausch (Ron) of Aberdeen, SD; Lori Mayer (Scott) also of Aberdeen; son, Marlyn, of Selby, SD. Granddaughters, Kayla Frank (Matt), Elliott and Leo; Tawna Rezac (Nick), Brant and Nolan; Gina Sweet (Ethan) and Isaac; Terra Cano (Sean) and Graydon; Megan Czmowski, Sierra Thorstenson, Madison Thorstenson, and Jasa Mayer. Grandsons, Taite (Bella) Rausch, Dakota (Summer) Thorstenson and Jaycion, and Justin Mayer; sisters, Vivian Perman, Java, SD; Claris Hanson, Sioux City, IA; Bernice Thorstenson, Kennewick, WA; Ione Podgore (John), Fort Worth, TX; and brother, Ervin Thorstenson (Judy), Selby, SD.

Merlyn was preceded in death by his parents, Melvin and Ingrid Thorstenson, infant twin sons, and an infant great grandson, Tayson Cano.





*BW* | **90** 205 Wt. 803



**BHR NEW DIRECTION 749** 

Birthdate: **4/2/17** Reg. #: 3797374 Category: 100% 1A

ANDRAS NEW DIRECTION R240 **CSF NEW DIRECTION 14C** PFFR MISS LOGAN Z9 **RED SVR KNIGHT 221T** MISS BHR KNIGHT 221T 1259 MISS BHR COPPER D 651

365 Wt. 1418 ProS HB GM 45 29 17

CED	BW	ww	ΥW	ADG	DMI	M	ME	HPG	CEM	ST	MARB	YG		92% 85% REA	
9	0.2	71	119	0.30	2.09	30	9	11	5	12	0.14	0.12	33	0.20	0.03
85%	81%	22%	17%	14%	91%	15%	76%	54%	79%	79%	93%	72%	23%	35%	76%

**BHR NEW DIRECTION 749** 





**BB PROMOTION 9025** 



9 MILE FRANCHISE 6305 **BB MS FIREFLY 4009** 

SPUR FRANCHISE OF GARTON C-BAR ABIGRACE Y11 FEDDES GALLATIN Z113 BB MS FIREFLY 6604-2160

132 59 73 9% 41%

BW | 88 205 Wt. | 716 365 Wt. | 1273

ProS HB GM

CED	ВW	ww	ΥW	ADG	וואוע	W	ME	HPG	CEM	SI	MAKB	YG	CW	KEA	FAI
15	-3.1	76	135	0.37	2.49	36	16	11	11	16	0.64	0.14	48	0.25	0.03
22%	28%	13%	5%	2%	98%	1%	96%	57%	7%	40%	15%	81%	5%	28%	62%



**RED SSS APPROVE 540F** 



16	-2.9	59	95	0.22	1.93	23	-3	5	8	18	0.38	0.03	20	0.12	0.01
19%	31%	60%	59%	58%	84%	72%	18%	99%	38%	18%	56%	30%	60%	49%	29%



**LSF SRR HIGH PLAINS 6237D** 



BUF CRK THE RIGHT KIND U199
MONTVUE 10K RACHILLE U393

BUF CRK LANCER R017 BUF CRK SHOSHONE R353 STALBURN KINDLE 10K MONTVUE B221L RACHILLE P144 BW | 78 205 Wt. | 641 365 Wt. | 969 Pros HB GM

55 22 33

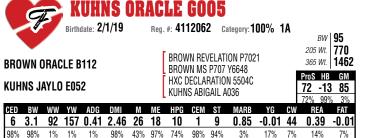
														87% 90%	54%
CED	BW	WW	YW	ADG	DMI	V	ME	HPG	CEM	ST	MARB	YG	CW	REA	FAT
13	-3.8	69	114	0.28	1.43	41	14	7	6	14	0.30	0.07	23	<b>0.17</b>	0.03
42%	19%	28%	24%	21%	44%	1%	92%	96%	69%	63%	72%	48%	49%	40%	62%







**KUHNS ORACLE GO05** 





**RED WINDY HILL ZEPPELIN 1240** 

MISS BHR DURANGO 906

Birthdate: 4/2/16

Reg. #: 3560365 Category:100% 1A

RED MRLA 61X RED WINDY HILL M NALPOEON 50 BHR DURANGO 60

BW | 92 205 Wt. 716 365 Wt. 1244

_			
	ProS	HB	GM
	77	79	-2
	67%	13%	96%
CW	RE	Α	FAT
2	-0	N6	U U2

MIS	2 RHI	t DU	KAN	GU 90	6			MISS	RHR (	'ΔRTM	, RIGHT 7	42		77 79	-2
								IVIIOO	Dilit	<i>//</i> ~!!!!	illulii 7	74		67% 13%	6 96%
CED	BW	WW	YW	ADG	DMI	W	ME	HPG	CEM	ST	MARB	YG	CW	REA	FAT
16	-3.8	51	80	0.19	1.62	27	2	-0.06	0.02						
17%	19%	85%	84%	79%	61%	34%	39%	68%	16%	11%	80%	32%	96%	81%	44%



**RED SVR KNIGHT 221T** 

MISS BHR ZEPPELIN 796

**RED SVR KNIGHT 73P** RED SVR RAINBOW 64M **RED WINDY HILL ZEPPELIN 1240** MISS BHR CARTRIGHT 041

205 Wt. 692 365 Wt. 1227 ProS HB GM 96 91 5

BW | 74

														41% 5%	92%
CED	BW	WW	YW	ADG	DMI	M	ME	HPG	CEM	ST	MARB	YG	CW	REA	FAT
16	-3.4	65	97	0.20	1.25	29	2	9	10	20	0.20	-0.11	7	0.44	0.01
14%	24%	40%	56%	73%	30%	23%	41%	80%	9%	5%	87%	5%	90%	11%	40%





**FRITZ YELLOWSTONE 420F FRITZ RACHEL 351E** 

PIE ONE OF A KIND 352 FRITZ DEEP FIRE 612B WFL MERLIN 018A FRITZ RACHEL 876C

BW | 78 205 Wt. **792** 365 Wt. 1346

95 40 55

9 0.0 79 134 0.34 2.24 33 17 10 7 15 0.57 -0.02 30 0.37 0.00 95% 6% 97% 70% 58% 51%



**EGL HOMEALND 0090** 



**SCHULER SUPREMACY 7177E AHL DUCHESS 42W** 

5L BOURNE 670-111C SOR KARVE ENDRANCE 4205B PIE GET WESTERN 4061 AHL DUCHESS 106P

CED	BW	WW	YW	ADG	DMI	M	ME	HPG	CEM	ST	MARB	YG	CW	REA	FAT
11	-0.8	69	101	0.20	1.45	17	6	9	6	18	0.19	0.00	12	0.12	0.01
74%	67%	27%	46%	69%	46%	95%	61%	82%	60%	20%	88%	20%	81%	49%	29%



LSF SRR TAKEOVER 5051C TAC TAMARA C3-A196

**WEBR BEARTOOTH 755** 

Reg. #: 3761313 Category: 100% 1A

LSF TAKEOVER 9943W LSF RR SYRINGA U8044 X0331

205 Wt. **767** 365 Wt. **1452** ProS HB GM

BW | 74

BIEBER HARD DRIVE Y120 VF TAMARA A196-545

141 67 74

CED         BW         WW         YW         ADG         DMI         M         ME         HPG         CEM         ST         MARB         YG         CW         REA         FAT           12         -2.0         57         91         0.22         0.87         34         4         17         8         14         0.86         -0.02         16         0.35         0.03           60%         47%         69%         66%         63%         10%         3%         49%         3%         36%         59%         3%         16%         71%         17%         62%															0% 29	
12         -2.0         57         91         0.22         0.87         34         4         17         8         14         0.86         -0.02         16         0.35         0.03           60%         47%         69%         66%         63%         10%         3%         49%         3%         36%         59%         3%         16%         71%         17%         62%           62%	CED	BW	WW	YW	ADG	DMI	V	ME	HPG	CEM	ST	MARB	YG	CW	REA	FAT
60% 47% 69% 66% 63% 10% 3% 49% 3% 36% 59% 3% 16% 71% 17% 62%	12	-2.0	57	91	0.22	0.87	34	4	17	8	14	0.86	-0.02	16	0.35	0.03
	60%	47%	69%	66%	63%	10%	3%	49%	3%	36%	59%	3%	16%	71%	17%	62%







Reg. #: 4326467 Category: 100% 1A

BW | 85

**FRITZ MERLIN 421F** FRITZ CANDY 861C

WFL MERLIN 018A FRITZ RACHEL 9024 **GMRA VENGEANCE 1254** FRITZ CANDY 8060

205 Wt. 796 365 Wt. 1360 ProS HB GM

71 34 37

14 -2.3 83 139 0.35 2.32 25 19 6 8 15 0.40 0.22 39 0.21 0.0**7** 



**WSM JUST RIGHT 967G** 



PIE JUST RIGHT 540 **376A WSM** 

PIE THE COWBOY KIND 343 RAISLAND LAKOTA 311-158 BHR BANKER 142 MS CONNIE OF 4L 15S

205 Wt. **722** 365 Wt. 97 83 14

BW | 74

CED BW WW YW ADG DMI 19 -5.8 51 75 0.15 1.34 23 0 13 19 0.43 0.13 9 -0.09 0.04 3% 4% 84% 90% 91% 36% 68% 29% 96% 1% 9% 46%











- · Smooth-made calf that is extremely heavy muscled with loads of performance
- WW ratio of 112, YW ratio of 119
- Dam has an MPPA of 105 with her first calf and is backed by a standout maternal line
- Maternal granddam maintains a 105 MPPA on 7 calves
- There are 6 generations in total that have above average MPPAs in this calf's genetic line up



- · Stout made, easy going, dark red herd bull in the making
- WW ratio of 111, YW ratio of 108
- · Dam is extremely stylish and boasts an MPPA of 104
- Both lot one and two are sired by BB Promotion and have the same maternal great granddam
- Either choice will move you ahead of the curve for performance and add the greatness of maternal genetics



- · Big time performance bull that is smooth-made and has that extra length of spine
- WW ratio of 118, YW ratio of 106
- · Dam has an MPPA of 106 on five calves
- This calf has four generations of cow makers above average for MPPA on his maternal side



- · Loads of volume and capacity in this big rib shaped bull
- · Standout performance with WW ratio of 112 and YW ratio of 118
- His dam is a beautiful female with an excellent udder and feet maintaining an MPPA of 110
- Lot four's maternal granddam and Lot three's dam are the same
- · Rock solid cow families keep ranchers ahead of the game











- · Stylish, wide-topped calf with a ton of muscle expression
- . WW ratio of 108, YW ratio of 114

8 0.9 71 120 0.31 1.96 33 12

• His dam is one of our favorites - deep bodied, dark red and very functional, maintaining an MPPA of 100

4% 93%

13

0.00 0.03

BW | 89

BW | 81 205 Wt. 692

> 1276 ADG 3.64 WDA 3.22

365 Wt.

Dam's Age

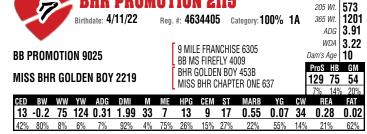
ProS HB GN

84 33 51

0.16 32



- A dark red, long-spined bull with a level topline and plenty of muscle
- . WW ratio of 114
- . His dam has an MPPA of 106
- · Lots of "no miss" cows in this calf's background



- · One of the most complete bulls in the sale
- · YW ratio of 104
- · Impressive EPD profile
- His dam is flat out good with an MPPA of 104



- · Wide-based calf with tons of thickness and muscle expression
- · WW ratio of 108, YW ratio of 106
- Excellent younger aged dam with an MPPA of 103
- · Great opportunity to load up on some Promotion siblings





29% 21%

34%

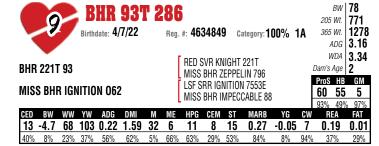
71%

- · Clean made, stylish bull with added muscle in a lighter birthweight package
- WW ratio 107, YW ratio 106
- · His dam has an MPPA of 103, with a super bright future ahead of her
- · Promotion sired calves just keep coming on and will impress you

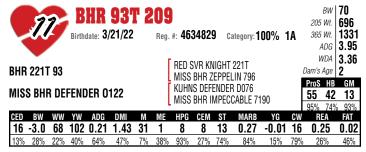
24% 12% 10% 10% 94% 6% 84% 59%



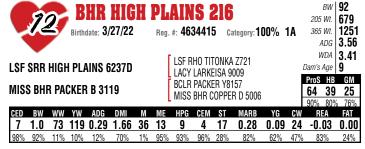




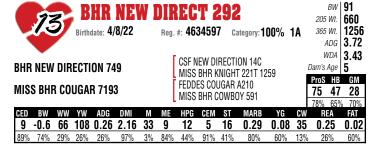
- Thick and powerful calf with a 78# birth weight to a 771# weaning weight
- · WW ratio of 120, YW ratio of 106
- · Super star first-calf heifer exploding her way to a 108 MPPA on her first try
- . We've used 221 T in the past and have had excellent reviews of "getting going" at birth



- WW ratio of 108, YW ratio of 111
- · Light birth weight calf with extra style and smooth shoulders
- Another younger aged female with a great career maintaining an MPPA of 103



- · Stout, heavy muscled, wide-based calf with a huge topline
- . WW ratio of 109, YW ratio of 109
- Bigger boned cow with a dynamite udder and excellent feet that maintains a 104 MPPA



- · A standout individual phenotypically and statistically
- . WW ratio of 101, YW ratio of 109
- Dam has an MPPA of 103 and does a very nice job year after year











**BROWN ORACLE B112** 

KUHNS JAYLO E052

MIS	S BHI	R CO	UGAI	R 63			[	FEDD MISS	ES CO BHR N	UGAR . Nebul	A210 A 7208 4	39		103 32 32% 88°	71
CED	BW	ww	YW	ADG	DMI	M	ME	HPG	CEM	ST	MARB	YG		REA	
9	0.6	74	130	0.35	2.12	32	14	10	4	15	0.61	0.07	42	0.21	0.00
92%	89%	9%	3%	1%	96%	5%	97%	69%	96%	49%	15%	54%	4%	32%	16%

BW | 89

205 Wt. **638** 

365 Wt. 1243 ADG 3.78 WDA 3.41

Dam's Age 6

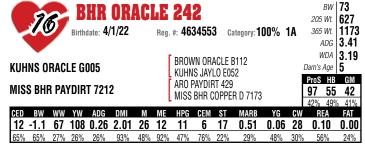
- · Heavy muscled calf that has a lot to offer maternally
- WW ratio of 103. YW ratio of 108

- Moderate framed, sound-made cow with an MPPA of 103
- · Nice "do it all" individual

**KUHNS ORACLE G005** 



- · Darker red calf that is big topped and heavy muscled
- WW ratio of 105, YW ratio 102
- · Sound-made and functional never goes out of style in the cattle industry



- · Classy ,light birth weight bull that always stands out
- · WW ratio of 101, YW ratio of 102
- · His dam is a stylish, easy moving female with a great udder



83% 42%

- · Dark red bull that is just one cool dude
- WW ratio 106, YW ratio of 102
- · Dam is one of our favorite females with an MPPA of 105







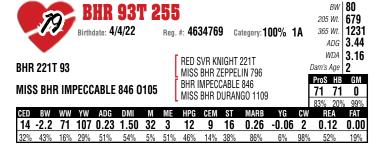




3%

- 21% 98% 45% · Nice, moderate, dark red calf that is extremely thick with some added rib shape
- WW ratio of 100. YW ratio of 102
- · Lots of growth potential from both sides of the pedigree

99%



- · Sound, square made calf that is solid at every angle
- WW ratio of 106, YW ratio of 102
- · His Impeccable sired dam has a great udder and solid feet



- · Small head and smooth shouldered heifer bull
- · WW ratio of 106
- · Great combination of calving ease and growth



- · Clean fronted and smooth-made heifer bull prospect
- · WW ratio of 103
- · His dam is the "who's who" among udder and feet profile
- She maintains a modest MPPA of 99 on 9 calves
- · Longevity and production are on both sides of the pedigree

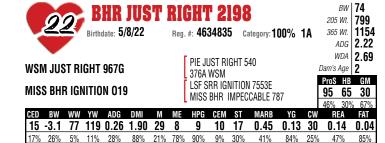
BW | 63







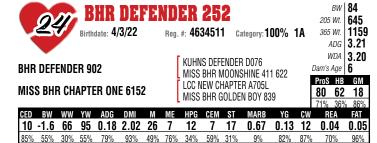




- · Big time spread bull that is moderate and smooth-made
- . WW ratio of 124
- · Excellent heifer bull prospect



- Stout-made bull with a lot of extra pizazz and style points
- · WW ratio of 110
- · His dam has an MPPA of 110 and brings in the good ones



- · Solid individual that is thick, stout and moves out really well
- WW ratio of 104, YW ratio of 101
- His New Chapter dam has an MPPA of 101



- · Larger framed, sound-made, classy bull with a big hip
- · WW ratio of 109, YW ratio of 114
- · His dam is a larger framed, stylish female with a 105 MPPA





- · Another great growth bull with some added carcass quality
- . WW ratio of 100, YW ratio of 114
- . The Oracle sired bulls have some excellent growth traits



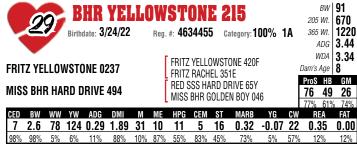
- · Dark red, smooth-made calf that has some added bone and muscle
- WW ratio of 111
- We really appreciate the Approve sired cattle for having a tremendous balance of low birth and higher weaning weights



- · Great profiling calf that is sound on his feet and legs
- WW ratio of 115
- High Plains daughter with an MPPA of 109
- · High Plains females are deep bodied and easy fleshing







- · Lots of body length in this classy profiling, clean-fronted bull
- WW ratio of 108, YW ratio of 106
- 101 MPPA for this very productive female

ZO DAN I	PTTOM 2.1	UNE 2	1190		205 Wt.	647
Birthdate: 5/7/	22 Reg. #: 4	<b>634465</b> c	ategory: 100%	6 1A	365 Wt.	1197
	_				ADG WDA	3.44
RITZ YELLOWSTONE 023		Z YELLOWST Z RACHEL 35			Dam's Age	8
1100 DUD DEN 407		BIG BEN 110			ProS HB	
IISS BHR BEN 497		S BHR DURAN			158 79	79 6 2%
ED BW WW YW ADG D	MI M ME HPO	CEM ST	MARB Y	G CW	1/0	% 2% <b>FA</b> TI
8 1.3 71 118 0.29 0	.00 29 0 0	5 18	0.42 0.	00 30	0.26	0.00
06% 94% 15% 11% 10%	1% 21% 32% 98%	83% 21%	48% 20	1% 23%	% 24%	13%

DUD VELLOWEMONE SINC

- · Very balanced set of EPDs for this deep-bodied, heavy-muscled calf
- WW ratio of 104
- · His dam is a broody looking female with an excellent udder and sound feet

BW | 89











Reg. #: 4634731 Category:100% 1A

1072 365 Wt.

ADG 2.70 WDA 2.87 Dam's Age 3

BW | 85

638 205 Wt.

**RED WINDY HILL ZEPPELIN 1240** MISS BHR DURANGO 906 MISS BHR BEARTOOTH 935

62%

								C III
	BHB D		R 5159			85	60	25
11100	ט ווווט	11111 I L	.11 0 100			63%	39%	77%
HPG	CEM	ST	MARB	YG	CW	RI	EΑ	FAT
13	8	16	0.48	0.03	4	0.0	<b>)</b> 6	0.03

· Deep-bodied calf with a wide top

CED BW WW YW ADG DMI <u>12 -1.4 57 94 0.23 1.53 31 5</u>

59% 64% 58%

• WW ratio of 103

**BHR ZEPPELIN 660** 

Zeppelin-sired calves have excellent structure and are extremely sound



Req. #: 4634637 Category: 100% 1A

205 Wt. 666 365 Wt. 1212 3.41 ADG WDA 3.29

BW | 82

**RED SSS APPROVE 540F** MISS BHR ROLLING DEEP 8214 RED SSS APPROVAL 667D Dam's Age 4 RED SSS SCAARA 258B ProS HB GN RREDS ROLLING DEEP C734 79 50 30 MISS BHR HARD DRIVE 494 CEM ST

6 16 0.49 0.06 22 0.13 0.02

· Stylish, deep-bodied calf with an excellent profile to him

ADG

11 0.9 69 108 0.25 2.01 26 4

- WW ratio of 107, YW ratio of 105
- Dam has an MPPA of 104
- · Approve is siring consistent calves that are sound-made and easy keeping



**BB PROMOTION 9025** 

9

93% 42% 55% 84% 72% 47%

Reg. #: 4634693 Category: 100% 1A

205 Wt. 628 365 Wt 1151 ADG 3.26 WDA 3.03

BW | 67

MISS BHR NEW DIRECTION 9161

9 MILE FRANCHISE 6305 BB MS FIREFLY 4009 CSF NEW DIRECTION 14C MISS BHR PACKER 1200

Dam's Age ProS HB GM 107 75 32

<u>15 -4.4 59 102 0.27 2.15 32 12</u> 9 19 0.36 0.17 31 -0.04 0.03 13

- · Smooth-shouldered, clean-fronted calf with a low birth weight
- WW ratio of 101, YW ratio of 100
- . His dam has an MPPA of 101



Birthdate: 3/15/22

Reg. #: 4634781 Category: 100% 1A

205 Wt. 651 1222 365 Wt. ADG | 3.56 WDA 3.06

BW | 87

**BB PROMOTION 9025** 

MISS BHR CHAPTER 5135 0119

9 MILE FRANCHISE 6305 BB MS FIREFLY 4009 BHR CHAPTER ONE 5135

Dam's Age 2 ProS HB GM 152 83 69

<u>12 0.8 66 114 0.30 0.0</u>0 35 0 8 17 <u>0.37 0.06 23 0.10 0.01</u>

- · Solid calf with a wide top and plenty of muscle and rib shape
- WW ratio of 101, YW ratio of 102
- . Excellent New Chapter female with an MPPA of 101
- · Cow making genetics on both sides of the pedigree

BW | 80

BW | 89 205 Wt. 704

BW | 78 205 Wt. 562

1240 ADG 3.35 WDA 3.48



4634443 Category: 100% 1A

BW | 94 707 205 Wt. 1242 365 Wt. ADG 3.33 WDA 3.43 Dam's Age 9

**CSF NEW DIRECTION 14C** MISS BHR KNIGHT 221T 1259 **RED SSS HARD DRIVE 65Y** LSF CHIEFETTE J1077 P4209

13 0.23 0.11

	ProS	HB	GM
	43	27	16
	98%	92%	90%
CW	RI	EΑ	FAT
36	0.2	22	0.03

71%

<ul> <li>Big, solid, range bull with a ton of muscle and a wide t</li> </ul>
--

. WW ratio of 114, YW ratio of 108

2.9 76 115 0.24 1.95 29

**BHR NEW DIRECTION 749** 

MISS BHR HARD DRIVE 3256

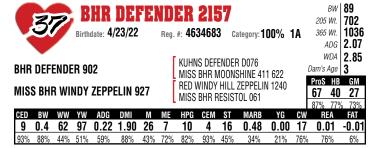
· A calf that has the ability to add pounds to your weaning weight

Birthdate: 5/13/22	Reg. #: <b>4634477</b> Category: <b>100% 1A</b>	205 Wt. 678 365 Wt. 119 ADG 3.20
BB PROMOTION 9025 TBS HONEY EPIC 416	9 MILE FRANCHISE 6305 BB MS FIREFLY 4009 BECKTON EPIC R397 K TBS HONEY CHIEF 203	WDA 3.39 Dam's Age 8 ProS HB GM 129 67 63
CED BW WW YW ADG DMI M 13 -2.4 67 115 0.30 1.73 32	ME HPG CEM ST MARB YG CV	
400/ 200/ 200/ 100/ 00/ 700/ E0/	920/ 100/ 100/ 200/ 210/ 950/ 10/	

- · Nice, easy keeping, easy going calf with a balanced EPD profile
- WW ratio of 108
- His Epic sired dam is a broody, deep bodied female with an MPPA of 101







- · A balanced bull from numbers to phenotype
- · WW ratio of 113
- Lots of strong maternal traits on both sides of the pedigree







Reg. #: 4634569 Category: 100% 1A

9 MILE FRANCHISE 6305 Dam's Age 5 BB MS FIREFLY 4009 ProS HB GM **BIEBER THUNDAR A489** 123 64 59 MISS BHR GOI DEN BOY 216

								IVIIOO	טווונע	IOLDL	N DOT Z	10		11% 32%	6 13%
CED	BW	WW	YW	ADG	DMI	M	ME	HPG	CEM	ST	MARB	YG	CW	REA	FAT
10	0.0	75	125	0.32	2.22	33	12	13	7	17	0.61	0.09	39	0.24	0.02
82%	83%	8%	5%	5%	98%	4%	93%	21%	50%	30%	15%	67%	6%	27%	51%

- · Long-bodied bull with a smooth shoulder and a level topline
- WW ratio of 114

**BB PROMOTION 9025** 

MISS BHR THUNDAR 7184

· Dam maintains an MPPA of 104





**LSF SRR HIGH PLAINS 6237D** MISS BHR BANKER 0105

leg. #: 4034303	Category: I U	U% I	Α			1149
				Α	DG	3.67
LSF RHO TITOI	NIKA 7791			И	/DA	3.12
LACY LARKEIS	Δ QNNQ			Dam's i	Age '	12
TNTS BANK ST		79		ProS	HB	
LSF CHIEFETTE	.I1077 P4209	<u>,</u>		71	33	38
L cor omerern	20101111200	<i>'</i>		83%	86%	50%
ME HPG CEM S	ST MARB	YG	CW	RE	Α	FAT

11 0.1 72 115 0.27 1.52 28 9 0.53 0.01 15 0.12

- · Moderate-framed, heavy-muscled bull with a wide top
- · We absolutely love the High Plains daughters for their fleshing ability







The state of the s						_	-
BHR 93T 2 Birthdate: 4/7/22	<b>75</b> Reg. #: <b>463</b>	3 <b>4863</b> ca	ategory: <b>10</b>	0% 1/		BW 05 Wt. 65 Wt.	84 668 1231
DUD 004T 00	RED S	VR KNIGHT	221T		D	ADG WDA	3.52 3.40
BHR 221T 93 MISS BHR CATAPULT 708	LSF R/	BHR ZEPPEL AB CATAPUL	T Y7004	005	Pro 140		
CED BW WW YW ADG DMI M	ME HPG	BHR BASES CEM ST	MARB		2%		_
<u>12 -1.1 70 110 0.25 0.00 28</u>	0 0	8 19	0.34	0.02	<u> 19 0</u>	.17	0.01

- 57%
   65%
   17%
   23%
   34%
   1%
   24%
   32%
   98%
   39%
   10%

   • Larger-framed calf with a level top and added muscle
- Twin
- 93T is siring calves that have some outstanding growth with moderate birth



10

82%

96% 55%

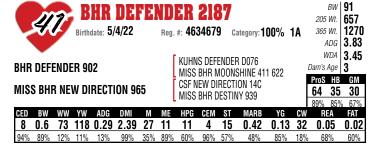
4 15 0.64 0.16 13 -0.20 0.03

Moderate-framed, dark cherry red calf that is super thick

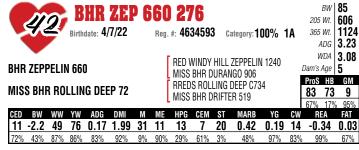
98% 80% 92%

7 -1.0 66 108 0.26 2.19 22 12

· WW ratio of 105



- · Deep-bodied bull that is stylish in his overall conformation
- WW ratio of 106
- · Defender bulls are easy keeping cattle



- · A bull that has some extra length of body
- · Wide-topped and deep-made

1	5		Birth	iate: 4/	30/22		Reg.	#: 46	3468	9 c	ategory: <b>1</b>	00%	1A	365 Wt ADG	1148 3.08
BB P	ROM	0TI(	ON 90	125			L	BB M	S FIRE	FLY 40				Dam's Ago	
MISS	S BHF	R NE	W DI	RECTI	ON 91	40			IEW DI BHR K		ON 14C 82			ProS H 126 5	
CED	BW	ww	YW	ADG	DMI	M	ME	HPG	CEM	ST	MARB	YG	CW	REA	FAT
7	2.4	86	150	0.40	2.42	34	14	14	5	16	0.44	0.08	61	0.37	0.00
97%	98%	1%	1%	1%	99%	2%	96%	9%	87%	47%	43%	59%	1%	11%	9%

BW | 92

205 Wt. 655

- · Growth and carcass merit in a moderate, dark red package
- . WW ratio of 106
- · We feel like the Promotion daughters will be excellent females

BHR PROMOTION 2177







- · Long-bodied, level-topped bull with an excellent profile
- · Growth numbers, and carcass numbers that are on top of the charts
- Not many cattle have this combination for numbers and phenotype



- Long, stylish bull that is sound-made and functional
- . WW ratio of 101



- · Dark red, deep-bodied, soggy bull
- WW ratio of 106, YW ratio of 102
- · Maternal, maternal on both sides of the pedigree

DAD OSA SIIC

Birthdate: 4/	11/22		#: 463	34799	<b>C</b> a	ategory: <b>1</b>	00% -	1A	205 Wt. 365 Wt. ADG	616 1086 2.93
BHR 221T 93 MISS BHR IMPECCABLE	091	Ī	LSF S	BHR Z RR IMI	EPPEL PECC <i>A</i>	.IN 796 ABLE 315	0A		WDA Dam's Age ProS HB 117 85	2.78 2 GM 32
CED BW WW YW ADG 16 -4.0 71 112 0.26	DMI	M ME	MISS HPG 11	BHR D Cen 9	RIFTE St 19	R 4114 Marb 0.39	YG 0.06	GW 23		63% FAT 0.02
0% 15% 1/1% 10% 20%	50% 0	2% 51%	56%	11%	Q0/ <sub>a</sub>	55%	15%	51%	/ //30/	55%

- · Excellent heifer bull with calving ease on both top and bottom of the pedigree
- · We have used both 221 T and Impeccable on heifers

BHR 93T 2 Birthdate: 4/23/22	Reg. #: 4634825 Category: 100% 1A	BW 83 205 Wt. 645 365 Wt. 1257 ADG 3.81
BHR 221T 93 Miss Bhr New Direct 14C 0145	RED SVR KNIGHT 221T MISS BHR ZEPPELIN 796 CSF NEW DIRECTION 14C MISS BHR MOONSHINE 411 7155	WDA 3.26 Dam's Age 2  Pros HB GM 71 47 24 83% 65% 78%
CED BW WW YW ADG DMI M 11 1.2 80 126 0.29 1.89 26	ME HPG CEM ST MARB YG CV 8 11 7 14 0.19 -0.04 33	
70% 94% 3% 5% 12% 88% 45%	80% 49% 61% 66% 95% 9% 17	

- Lots of growth in this calf's EPD profile
- WW ratio of 100, YW ratio of 105
- · Sound-made and structurally correct

RHR DEF	ENDER 284	BW   00
	undun dot	205 Wt. <b>585</b>
Birthdate: 4/7/22	Reg. #: 4634759 Category: 100% 1	A 365 Wt. 1073
		ADG 3.04
•	KUHNS DEFENDER D076	WDA 2.83
BHR DEFENDER 902	MISS BHR MOONSHINE 411 622	Dam's Age 3
	RED SVR KNIGHT 221T	ProS HB GM
MISS BHR 221T 901	MISS BHR ROLLING DEEP 72	50 48 2
	[ MIGG BITT HOLLING BEEF 72	97% 63% 98%
CED BW WW YW ADG DMI	M ME HPG CEM ST MARB YG	CW REA FAT
16 -5.5 52 74 0.14 2.03	27 11 10 9 16 0.53 0.13	6 -0.11 0.04
11% 4% 79% 88% 94% 94%	39% 90% 73% 11% 45% 25% 84%	96% 93% 92%

- · Moderate-framed and deep-bodied
- · Light birthweight with some excellent calving ease and birthweight EPDs

BW | 60

DIVI CE







- · Lots of natural muscling wrapped up in a stylish calf
- . WW ratio of 102



50%

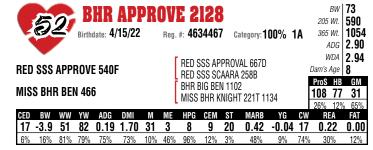
68% 13%

37% 35%

Deep, soggy rascal that is loaded with muscle

78%

- WW ratio of 106
- . His dam maintains an MPPA of 104

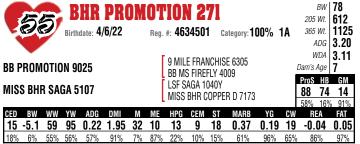


- · Dark red, moderate and stocky calf with a lighter birthweight
- His dam has an MPPA of 105
- . This cow family is outstanding, Approve just puts the icing on the cake



- · Thick, stout, and full of muscle
- · Light birth weight with some great growth traits





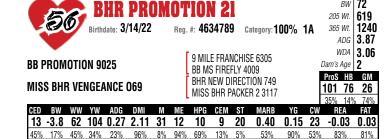
- Calving ease bull with great phenotype and muscle expression
- . The Promotions are a very uniform group of bulls











- Another calving ease bull with a small head and smooth shoulders
- YW ratio of 103
- Great opportunity to put together some Promotions for a heifer project



- · The Promotion roll of lighter birthweight bulls
- · This one is a stylish, classy bull that is smooth-made and level topped



- 15
   -2.4
   65
   110
   0.28
   1.60
   26
   1
   9
   9
   16
   0.31
   -0.04
   11
   0.15
   0.00

   17%
   39%
   34%
   23%
   15%
   63%
   44%
   36%
   87%
   18%
   38%
   75%
   10%
   89%
   46%
   17%
- · Rock star calving ease bull
- His dam is one of Bricelyn's orphan heifers that turned out really well



- Standout moderate-framed bull with a great profile
- · Great balanced set of EPDs that take him to another level

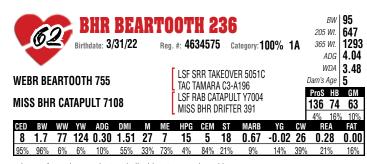
BW | 70



- · Promotion bull with some great muscle expression
- · Can't say enough about the uniformity of this bloodline
- Consistency and uniformity put money in your pocket every time

BHR MERI	LIN 2112	BW 205 Wt.	82 600
Birthdate: 4/10/22	Reg. #: 4634431 Category: 100%	1A 365 Wt. ADG	1212 3.81
FRITZ MERLIN 0139	FRITZ MERLIN 421F FRITZ CANDY 861C	WDA Dam's Age	3.29 9
MISS BHR KNIGHT 221T 35	RED SVR KNIGHT 221T MISS BHR DURANGO 1154	ProS HB 92 44 50% 70%	<b>48</b> 6 29%
CED BW WW YW ADG DMI M 13 -2.2 79 131 0.32 1.84 23	ME HPG CEM ST MARB YG 3 11 8 8 15 0.39 0.06	CW REA 36 0.25	6.29% FAT 0.01
39% 43% 4% 3% 3% 84% 73%		10% 26%	33%

- . Smooth, sound individual with some added growth in his genetic profile
- YW ratio of 103
- · Our first set of bulls from the Fritz Merlin
- · You will see plenty more bulls in the future sales

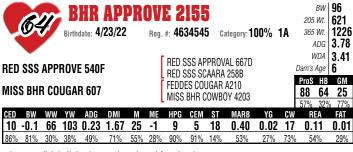


- · Larger framed, rugged, stout bull with extra muscle and bone
- WW ratio of 104, YW ratio of 112
- · Lots of performance in this calf

	Į	G.	3			<b>PR</b> ( 23/22			<b>IOI</b> #: 46			ntegory: <b>1</b>	00% ·	1A	BW 205 Wt. 365 Wt. ADG	90 617 1269 4.07
BB PROMOTION 9025 MISS BHR PAYDIRT 7210								BB M ARO I	S FIRE Paydif	FLY 40 RT 429		101		WDA Dam's Age ProS HB 113 63	GM	
Ŀ	13 13	BW -1.7	WW <b>59</b>	YW 102	ADG 0.27	DMI 2.09	M 28	MI= 10	HPG 10	GEM 9	81 18	MARB 0.60	YG 0.00	<b>GW</b> <b>22</b>	20% 33% REA <b>0.11</b>	

- . Deep and soggy with lots of spring of rib
- YW ratio of 110
- · Promotion calves are really impressive





- · Long, stylish bull that is sound-made and functional
- . WW ratio of 100, YW ratio of 106
- · Another Approve that is wide topped and easy keeping



- · Deep-bodied and wide-topped calf that shows a ton of muscle expression
- · Sound-made and easy keeping never go out of style

BHR 93T	21K	7						BW	01
	41U	U						205 Wt.	601
Birthdate: 4/23/22	Reg.	#: 46	3482	<b>7</b> c	ategory: 1	00% -	1A	365 Wt.	1062
	_							ADG	2.87
•		ם חבות מ	SVR KI	шецт	001T			WDA	2.76
BHR 221T 93					2211 LIN 796			Dam's Age	2
					7586E			ProS HB	GM
MISS BHR INSPIRE 02					7500L ULT 7160			79 64	16
		INIIOO	טווווע (	MIAF	ULI / 100			72% 329	6 89%
CED BW WW YW ADG DMI	M ME	HPG	CEM	ST	MARB	YG	CW	REA	FAT
11 -1.2 73 109 0.23 1.61 2	24 5	11	7	17	0.29	-0.01	19	0.26	0.01
740/ 000/ 440/ 000/ 000/ 040/ 0	10/ 000/	E00/	EE0/	0.40/	000/	400/	000	0.40/	250/

DW | 04

- · Lighter birthweight bull with some good growth numbers
- · Both sides of the pedigree are calving ease







- BW | 80 HR ORACLE 2130 205 Wt. 618 Birthdate: 4/15/22 Reg. #: 4634433 Category: 100% 1A 1045 365 Wt. 2.66 ADG WDA 2.91 **BROWN ORACLE B112 KUHNS ORACLE G005** Dam's Age KUHNS JAYLO E052 ProS HB **RFD SVR KNIGHT 2211** MISS BHR KNIGHT 221T 302 94 40 53 MISS BHR PACKER 122 1.8 80 130 0.31 1.99 26 11 11 4 15 0.55 -0.01 33 0.33 0.00
- · Oracle calves have natural thickness and depth
- · Excellent growth and carcass numbers
- · His dam maintains a 105 MPPA



75%

- · Deep-bodied bull that is stylish in his overall conformation
- . YW ratio of 102
- The 749 sired calves are stout-made and have a lot of performance



- · Another Approve calf with a level topline and structurally correct
- · His New Chapter dam is a sound, functional female with a 101 MPPA



- Big time performance and carcass numbers
- · WW ratio of 104
- A real classy Zeppelin dam with an MPPA of 104



- · Heifer bull with carcass merit
- · Small head and smooth shoulders
- · Light birthweight and calving ease on both sides of the pedigree

BW | 90



BHR NEW DIRECTION 749
MISS BHR IMPECCABLE 882

CSF NEW DIRECTION 14C MISS BHR KNIGHT 221T 1259 LSF SRR IMPECCABLE 3150A MISS BHR HECTOR 143 205 Wt. 651 365 Wt. 1201 ADG 3.44 WDA 3.36 Dam's Age 4

Dam's	Age	4
ProS	HB	GM
65	47	18
89%	65%	87%

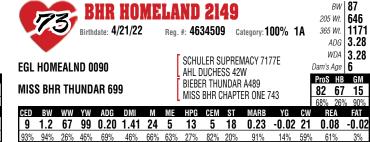
		I WIOO DAN RECTON 143													
CE	D BW	ww	YW	ADG	DMI	M	ME	HPG	CEM	ST	MARB	YG	CW	REA	FAT
10	0.1	69	112	0.27	1.77	31	5	12	5	15	0.23	0.12	26	0.08	0.03
83	% 84%	19%	19%	22%	79%	10%	63%	43%	91%	53%	91%	80%	39%	61%	78%

- · Solid and stout-made, younger calf with a ton of performance
- · WW ratio of 105
- · Dam maintains an MPPA of 105

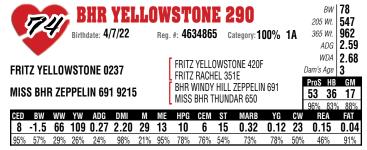
7







- · Stylish calf with a wide top and is sound and free moving
- · Lots of "old school" pedigrees in the background which is very intriguing
- WW ratio of 104, YW ratio of 102



- · Light birthweight bull that is extremely classy looking
- Twin



- · Rugged and range-ready, performance cow bull with carcass merit
- WW ratio of 106
- · His dam is a deep-bodied, big-boned cow that really does a great job



- · Great profile for this long-spined, wide topped individual
- New Direction 749 calves are long and smooth-made



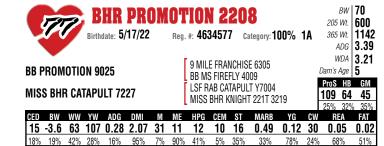




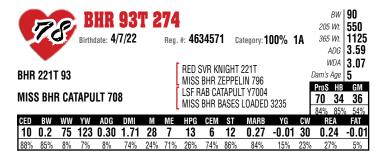
92% 84% 88% 58% 91% 24%

- · Dark red, long-bodied and wide-topped
- Young calf with an awesome dam
- · Dam is a deep-bodied female that has excellent feet and an excellent udder
- . She also maintains an MPPA of 104





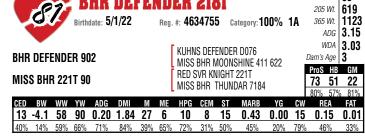
- · Younger calf that is coming on strong
- · Excellent calving ease choice for a heifers



- · Larger-framed calf that is smooth and clean-fronted
- Twin
- · Calf with a balanced set of numbers to match his cool phenotype



- · Light birthweight calf that is coming on strong
- YW ratio of 101
- Zeplin calves are easy to look at and are consistently sound



· Light birth weight, smooth-made heifer bull

BW | 63









BHR PRO	NOTION 201 Reg. #: 4634765	BW 84 205 Wt. 555 365 Wt. 1170 ADG 3.83
BB PROMOTION 9025 Miss Bhr Shine 624 0107	9 MILE FRANCHISE 6305 BB MS FIREFLY 4009 BHR MOONSHINE 411 624 MISS BHR BANKER 091	WDA 2.86 2 Pros HB GM 131 68 62 6% 24% 11%
CED BW WW YW ADG DMI N 12 0.2 75 130 0.34 1.79 20	ME HPG CEM ST MARB YG CV 5 11 11 9 18 0.48 0.06 37	/ REA FAT
61% 85% 7% 3% 2% 80% 43	<u>% 91% 58% 18% 21% 34% 45% 9%</u>	30% 22%

- · Stout-made individual with a great set of EPDs
- · Last chance to get a Promotion sired calf



MISS BHR MOONSHINE 411 906									MISS	L	70 16	54				
									IVIIOO	טווונט	1001 2	0200			84% 97%	20%
															REA	
	7	1.5	70	122	0.33	2.19	24	12	10	4	13	0.47	0.00	33	0.38	0.01
	98%	95%	17%	7%	3%	98%	65%	92%	83%	96%	79%	36%	18%	16%	10%	29%

BHR MOONSHINE 411

BW | 86

1146 ADG 3.61 WDA 3.07

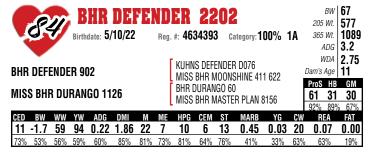
- · Long-sided, stretchy calf with some carcass merit
- · Defender sired calves are easy keeping cattle

MISS BHR MOONSHINE 411 906

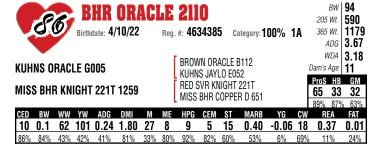
· His Moonshine dam is a square-made, deep-bodied female



- · Moderate birth weight that is a little younger with some depth and length
- · Great profile on this rascal

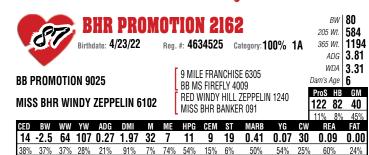


· Light birth weight with a small head and smooth shoulders

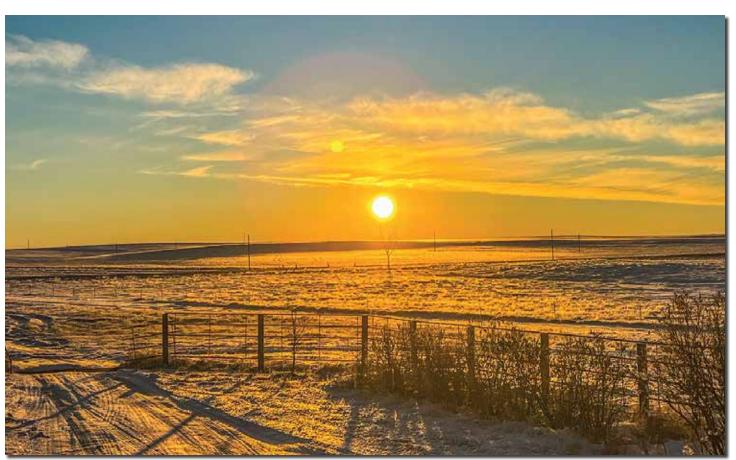


- Long-bodied, level-topped calf with a great look to him
- . YW ratio of 102
- · His dam is a rock-solid cow that never misses





- Excellent way to end the sale with this standout Promotion sired calf
- Twin
- Thank you for coming!



Pederson's Broken Heart Ranch - 27

## **Red Angus Guide to EPDS and Indexes**

**ProS...** Profitability and Sustainability is an all-purpose index that predicts average economic differences in all segments in the beef supply chain. This index is a combination of the breeding objectives modeled in the HerdBuilder and GridMaster selection indexes. In this index, replacement heifers are retained from within the herd and all remaining progeny are fed out to slaughter and sold on a quality-based grid. Traits included in this index include calving ease, growth, HPG, STAY, Mature Weight, Dry Matter Intake and carcass traits. The resulting index is expressed in dollars per head born (Index/High Value).

HB ..... HerdBuilder is a maternal selection index that predicts the economic differences of animals for traits that are important from conception through weaning. Expressed as dollars per head born, HB is calculated based on the scenario that bulls are mated to heifers and cows, replacement heifers are retained and all remaining progeny are marketed at weaning. Traits included in the HB index include Calving Ease Direct, Calving Ease Maternal, Weaning Weight, Milk, Mature Weight, Heifer Pregnancy and Stayability (Index/High Value).

**GM....** GridMaster is a selection index that predicts the average economic difference of non-replacement calves through the post-weaning phase of production. GM places selection pressure on growth, feedyard performance and carcass traits. Expressed as dollars per head born, GM is calculated based on the scenario that progeny are fed out to slaughter and marketed on a quality-based carcass grid. Traits included in GM include Average Daily Gain, Carcass Weight, Dry Matter Intake, Marbling, Back Fat and Rib Eye Area (Index/High Value).

**CED** ...... Calving Ease Direct predicts differences in the percent of calves born unassisted out of 2-year-old dams. (Percent/High Value)

**BW**...... Birth Weight predicts differences in actual birth weight of progeny. (Pounds/Low Value)

**WW** ...... Weaning Weight predicts differences in 205-day weaning weight. (Pounds/High Value)

**YW** ....... Yearling Weight predicts differences in 365-day yearling weight. (Pounds/High Value)

**ADG**...... Average Daily Gain predicts differences in weight gain between 205 and 365 days of age. (Pounds/High Value)

**DMI** ...... Dry Matter Intake predicts differences in daily feed intake as measured in a feedlot during the post-weaning period. (Pounds/Low Value)

**MILK** ..... Milk predicts differences in weaning weight attributed to the milking ability of the animal's daughters. (Pounds/High Value)

**ME** ...... Maintenance Energy predicts the difference in maintence energy requirements. (Mcal per Month/Low Value)

**HPG**...... Heifer Pregnancy predicts differences in the percent of daughters who are able to conceive and calve at 2 years of age following exposure to breeding. (Percent/High Value)

**CEM** ..... Calving Ease Maternal predicts differences in the percent of daughters who are able to calve unassisted as 2-year-old heifers. (Percent/High Value)

**STAY**..... Stayability predicts differences in the ability of an animals' retained daughters to remain productive in the herd – calve every year – through 6 years of age. (Percent/High Value)

**MARB**.... Marbling predicts differences in marbling score – amount of intramuscular fat measured at the 13th rib. (Marbling Score Units/High Value)

**YG** ........ Yield Grade predicts differences in USDA Yield Grade, which is calculated using CW. REA and Fat. (Yield Grade Units/Low Value)

**CW** ....... Carcass Weight predicts differences in actual hot carcass weight. (Pounds/High Value)

**REA**...... Ribeye Area predicts differences in square inches of ribeye area measured at the 13th rib.(Square Inches/High Value)

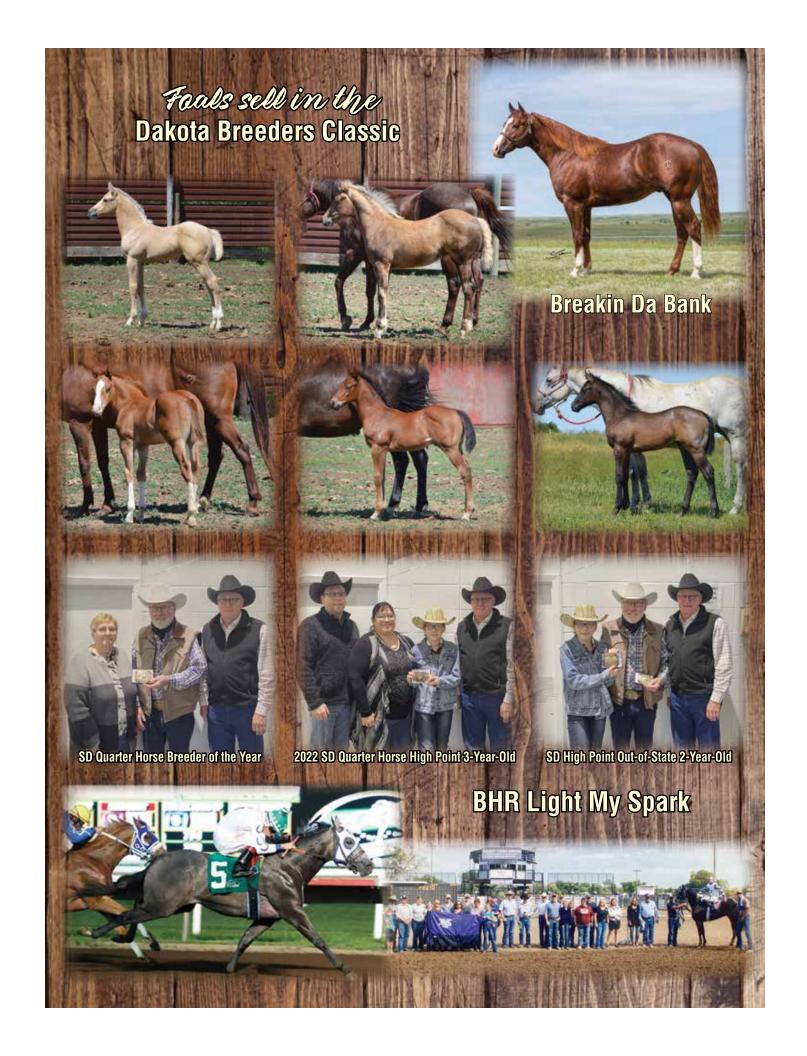
**FAT**...... Fat predicts differences in the depth of backfat measured between the 12th and 13th ribs. (Inches/Low Value)

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