

Putting the puzzle together ...



to produce more profit for your bottom line!

Production Sale
Friday, April 25, 2014

5:00 pm CDT • Napoleon Livestock
Napoleon, ND

Selling:

**26 Simmental & SimAngus™
Yearling Bulls**

27 Red Angus Yearling Bulls



Lot 31



Lot 2



Lot 36



Lot 23

Kuhn's Red Angus & Crosshair Simmentals

Crosshair Simmental

Ben, Cassie, Brinley and Hailey Kleppe
3220 48th St SE • Dawson, ND 58428
Home: 701-327-8330 • Cell: 701-426-9210

**K
R**

Welcome,

Hello and welcome to our annual production sale. The bulls have been fed a complete mixed ration consisting of chopped hay, silage, corn, distillers and a complete mineral program. The average daily gain test started the day of weaning and continued for 120 days.

We are excited for you to see the bulls. They are bred to grow and fed to last in anyone's program.

We would like to invite you to take the evening off and join us on April 25, 2014, and see how a bull from CHSR can add pounds to your calf crop and improve your bottom line.

Thank you for your interest and support.

Ben, Cassie, Brinley and Hailey Kleppe



Kuhn's Red Angus

James, Stephanie, Elodie, Reagen and Hudson
6962 28th Ave SE • Napoleon, ND 58561
Home: 701-332-6378 • Cell: 701-426-6921

K

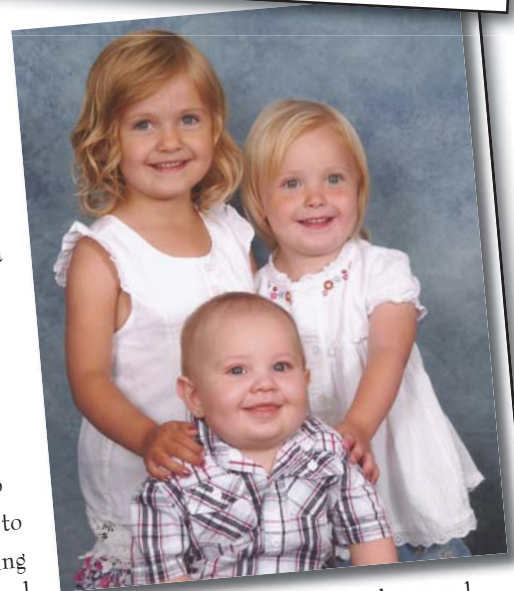
Welcome,

We at Kuhn's Red Angus are celebrating our 20th year in the Red Angus breed and what a great year to be in the cow calf business! The Red Angus female is commanding top dollar for her overall functionality in fertility, docility and mothering ability, and these are some of the key points that we at Kuhn's Red Angus strive to do.

This is one of the finest set of bulls we have to offer. From birth to growth to carcass they seem to cover all the bases. We here at Kuhn's Red Angus strive to bring you the best possible genetics by traveling throughout the nation looking for the best out there. We also try to achieve this through ET embryo work and artificial insemination program. If you haven't noticed, over 80% of the bulls in this year's offering are out of embryo work or artificial insemination. By doing this we believe we can give you – the customer – a more complete bull!

Here at Kuhn's Red Angus, we strive to give you – the customer – the best. Thank you for your belief and support in our program

James & Stephanie Kuhn • Elodie, Reagen and Hudson



Kuhn's Red Angus & Crosshair Simmental

Friday, April 25, 2014 at 5 p.m. CDT

Napoleon Livestock, Napoleon ND • 1-800-932-8821 • 701-754-2216

SALE DAY PHONE:

Ben Kleppe701-426-9210
Cassie Kleppe701-471-2699
James Kuhn701-426-6921
Stephanie Kuhn701-269-9959

INDEPENDENT REPRESENTATIVE:

Ray Erbele701-226-7288 Cell, 701-754-2216 Work

SELLING:

26 Simmental Yearling Bulls
27 Purebred Red Angus Yearling Bulls

SALE ORDER:

The bulls will be sold by a sale order that we will put together that day.

CATTLE VIEWING:

Prior to April 24, Kuhn's Red Angus bulls can be viewed at the farmstead 7 miles south of Napoleon on Hwy 3 and 3 miles west then 1/2 mile north.

Crosshair Simmental can be viewed at the farmstead 15 miles north of Napoleon on Hwy 3 and 1 mile west.

We invite you to join us for snacks, coffee and pop prior to the sale. Come earlier to view the cattle that afternoon, on April 25, 2014. The sale begins at 5 p.m. Central Time.

AUCTIONEER:

Seth Weishaar605-210-1336

RINGMEN:

Kirby Goettsch, Farm & Ranch Guide605-380-3939 Cell
Scott Ressler, ND Stockmen's Assn.701-223-2522 Office
701-391-7310 Cell
Kris Petersen, Cattle Business Weekly701-339-0305 Cell

ONLINE CATALOG:

Catalog online at: www.cowcampcatalogs.com

VOLUME DISCOUNTS AVAILABLE

We will offer a 3% discount on three bulls, a 4% discount on four bulls and a 5% discount on five or more bulls.

LIABILITY

All persons attending the sale do so at their own risk. Kuhn's Red Angus and Crosshair Simmental assume no liability, legal or otherwise, of any accidents which may occur.

PROMOTION & CATALOG:

Cow Camp Promotions • Tracey Koester
Steele, ND • www.cowcamppromotions.com
Printed at United Printing • Bismarck, ND • 701-223-0505

BREEDING GUARANTEE

Kuhn Red Angus and Crosshair Simmental guarantee to provide you with a sound breeding bull capable of passing a semen test at 14 months of age.

If a problem arises, the seller must be notified before Sept 1, 2014. After notification of issue seller has 90 days to make an adjustment of said problem. It is buyer responsibility to return bull to seller at buyer's expense.

If the bull is declared unsatisfactory, buyer will be provided with a bull of equal value or credit given towards the purchase of another bull, seller's choice.

At no time will seller be responsible for more than the purchase price of animal.

Kuhn Red Angus and Crosshair Simmental will do everything possible to make any problem that arises, satisfactory to buyer.

Kuhn Red Angus and Crosshair Simmental strongly encourage taking insurance on your purchases.

TERMS AND CONDITIONS:

As soon as any animal is sold, it becomes the responsibility of the purchaser. We will discount \$50.00 per bull taken home by the customer on sale day. After May 7th a \$2.50 per-day feed cost will be charged.

All Sales are in the U.S dollar. Each animal is to be sold to the highest bidder. The auctioneer shall settle any disputes as to bids.

All cattle are to be paid for by the purchaser during or immediately after the sale and will not be removed until after settlement has been made unless prior arrangements have been made with Kuhn's Red Angus or Crosshair Simmental.

Napoleon Livestock would like the animals removed from their facility as soon as possible.

NAPOLEON AUCTION MARKET ALTERNATIVE BIDDING:

We will be offering the Kuhn's Red Angus and Crosshair Simmental Sale on the internet. To bid from your computer, you will need to follow these steps:

- 1) Log on to www.napoleonlivestock.com and click on the green oval that says: "Live Auction."
- 2) Click on "Viewer Registration" and register your information. Click the "Proceed" button at the bottom.

This should all be done at least one day prior to the sale to allow time for approval. If you purchase your animals, you will need to contact Napoleon Livestock at 1-800-932-8821 to make payment arrangements and to make arrangements to pick up or to have livestock delivered.

You must have DSL to be able to bid during the sale.

Choice⁺

Premium Red Angus Grid

Grid Marketing with



A carefully constructed grid focusing on the strengths of Red Angus cattle verified through the FCCP "Yellow Tag" program.

**"Angus"
Premiums
Include:**

- Choice
- Upper 2/3 Choice
- Prime



Ranch Tested. Packer Trusted.

Red Angus

Contact Myron Edelman, Director of Breed Growth
for more information at 307-351-6032.





KS Sundance Kid S28

A **KS SUNDANCE KID S28** #2353900
 BD: 2/16/06 PUREBRED POLLED
 BW: 89 WW: 742
K CNS DREAM ON L186
R KS SHANIA H871
 NICHOLS LEGACY G151
 CNS SHEEZA DREAM K107W
 MV RED LIGHT 406
 BOZ MISS F578

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI	
14.3	0.0	59.0	90.7	10.1	29.8	59.3	20.2	24.1	-0.27	0.24	-0.035	0.75	136.7	72.5	
%	10%	10%	75%	60%	60%	15%	30%	45%	70%	70%	25%	95%	55%	15%	30%



Ellingson Ideal 13X

B **ELLINGSON IDEAL 13X** #2563890
 BD: 1/28/10 PUREBRED POLLED RED
K THSF FREEDOM 300N
R ELLINGSON POWERLINE S681
 BH TRACKER 9983
 SAFN MISS ZING 02H
 ELLINGSON POWERLINE P430
 ELLINGSON LONG CUT N343

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI	
4.6	2.7	98.8	154.8	12.5	14.5	63.9	17.7	65.5	-0.37	-0.20	-0.096	1.11	107.5	80.0	
%	95%	65%	1%	1%	25%	99%	10%	75%	1%	20%	99%	1%	4%	80%	5%

Owned with Genex CRI.

C **WS ALL IN W111** #2499595
 BD: 2/1/09 PUREBRED POLLED RED
 BW: 73 WW: 905 WR: 111
K HSF HIGH ROLLER 12T
R WS MISS TRACY T50
 TJ 57J THE GAMBLER
 HSF RED FORTUNES SIS 33
 HOOKS SHEAR FORCE 38K
 WS MISS NOPHALT R155

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI	
20.3	-0.1	86.5	117.7	15.3	33.1	76.4	22.4	38.5	-0.36	0.14	-0.055	1.06	152.1	87.1	
%	1%	10%	1%	5%	5%	3%	1%	25%	20%	25%	50%	55%	10%	3%	1%

D **KUHNS BIRMINGHAM 0923** #2644071
 BD: 2/13/09 RED ANGUS POLLED RED
 BW: 104 WW: 759 WR: 109 YW: 1417 YR: 111
K COLEY'S BIRMINGHAM 622S
R KUHN'S NEW TREND 6014
 PERKS CHATEAU 309R
 PERKS ADVANCE 906S
 RED BRYLOR NEW TREND 22
 KUHN'S BLAZIN HORIZON

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI	
7.5	3.2	32.1	68.2	4.7	27.4	43.4		16.7	0.13	0.45	0.031	-0.07	77.0	40.0	
%	80%	90%	99%	95%	90%	25%	95%	%	85%	99%	30%	99%	99%	99%	99%



Ellingson Klondike Y123

E **ELLINGSON KLONDIKE Y123** #2616685
 BD: 2/1/11 PUREBRED HOMOZYGOUS POLLED RED
 BW: 92 WW: 926 WR: 1678
K WS BEEF MAKER R13
R ELLINGSON MS TEDDY U894
 HOOKS SHEAR FORCE 38K
 DCR MS RIBEYE N72
 WHEATLAND RED TEDDY 457P
 ELLINGSON POWERLINE P439

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI	
7.2	4.3	84.4	130.6	9.6	27.2	69.4	16.2	53.8	-0.43	0.22	-0.074	1.33	122.2	81.8	
%	75%	90%	2%	1%	65%	25%	2%	85%	1%	4%	30%	10%	1%	45%	3%

Co-owned with Ellingson Simmental and Steve Fallgatter. For semen, contact Steve Fallgatter at 701-391-5962.



WS Beef Maker R13, paternal grandsire

F **KS FORMULATED Y670** #2615974

BD: 3/26/11 PUREBRED POLLED RED

BW: 79 WW: 737 WR: 106 YW: 1291 YR: 104

K BCLR SHAMWOW W611 WS BEEF MAKER R13
BCLR MISS SHANIA S611

R KS MISS REZULT T490 FR REZULT
KS MISS FREEDOM R245

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
19.1	-0.3	84.4	128.2	11.9	25.6	67.8		44.9	-0.16	0.11	-0.038	0.64	152.7	81.0
%	1%	10%	2%	1%	35%	35%	3%	5%	99%	55%	95%	75%	2%	4%

CHS **Stephanie Steffes**
Nutrition Consultant
CHS Nutrition

Direct: 402-760-1432

P.O. Box 791 Jamestown, ND 58402
stephanie.steffes@chsinc.com
chsinc.com

Average Breed EPDs

PUREBRED SIMMENTAL EPD AVERAGES

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
9.3	2.2	64.2	93.2	10.6	23.7	55.8	19.6	28.4	-0.31	0.13	-0.06	0.76	119.50	68.30

HYBRID SIMMENTAL EPD AVERAGES

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
10.7	0.8	60.6	93.0	8.5	23.9	54.3		26.6	-0.20	0.33	-0.02	0.60	122.30	68.50

RED ANGUS NON-PARENT EPD AVERAGES

CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
EPD 4	-1.0	56	83	20	48	1	10	5	11	0.43	-0.01	19	0.15	0.00

BULL MORTALITY and LOSS OF USE INSURANCE COVERAGE



Coverage Option 1: Bull Mortality and Loss of Use Coverage

- Values:** Bulls valued up to \$25,000, not to exceed purchase price.
- Term:** One Year Policy Term
- Premium:** 12% of the Purchase Price
Premium Fully Earned
\$150 Minimum Premium Per Animal
- Testing:** All bulls must be tested, certified and listed in an official herd sale catalog.

Coverage Option 2: Bull Full Mortality Coverage

- Values:** Bulls valued up to \$25,000, not to exceed purchase price.
- Term:** Renewable One-Year Policy Term for Bulls 6 Month - 7 Years of age.
- Premium:** 5.5% of the Purchase Price
Premium Fully Earned
\$150 Minimum Premium Per Animal
- Testing:** Veterinarian examination and signed statement of health required for all bulls for which coverage is requested.

Protect Your INVESTMENT

Jolene Christofferson,
Independent Agent
LTD Insurance Agency, Inc.
PO Box 75, Napoleon, ND 58561

christof@bektel.com
Cell - (701) 426-7435
Office - (701) 754-4440

COVERAGES

- Full Mortality:** 100% of the value of the bull in the event of death or life-threatening injury.
- Loss of Use:** 80% of the value of the bull, less salvage value, of in the event of Loss of Use from an accident, illness, or disease that can clearly be diagnosed or identified to have occurred on a specified date.
- 25% of the value of the bull in the event of Loss of Use from an accident, illness, or disease if there is a diagnosis consistent with an accident, illness, or disease but no real evidence that provides clear diagnosis or identification.

COVERAGE

- Full Mortality:** 100% of the value of the bull in the event of death or life-threatening injury.

Coverage Underwritten By:
Aegis Security Insurance Company
PO Box 3153, Harrisburg, PA 17105-3153
AM BEST RATING: A VI



Lot 1

1 CROSSHAIR 2A #2782124

BD: 3/11/13 PUREBRED POLLED RED Dam's Age: 2
 BW: 85 WW: 753 WR: 104 YW: 1412 YR: 104 ADG: 4.10 %IMF: Rat: REA: Rat:

K WS ALL IN W111
R CHSR SF T278 Y176
 HSF HIGH ROLLER 12T
 WS MISS TRACY T50
 TNT SHEAR FORCE T278
 CHSR BM734 999

	CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
EPD	17.6	1.2	80.1	118.8	15.2	32.0	72.0	22.3	41.9	-0.30	0.16	-0.052	0.93	144.7	80.8
%	1%	30%	4%	5%	5%	5%	1%	25%	10%	55%	45%	55%	20%	10%	4%

- Long and deep sided
- Young dam did a great job
- Has a good BW to WW spread



Lot 2

2 CROSSHAIR 7A #2782112

BD: 3/15/13 PUREBRED POLLED RED Dam's Age: 3
 BW: 91 WW: 765 WR: 106 YW: 1403 YR: 103 ADG: 4.00 %IMF: 2.67 Rat: 113 REA: 18.3 Rat: 126

K ELLINGSON IDEAL X13
R CHSR MISS WINCHESTER X18
 THSF FREEDOM 300N
 ELLINGSON POWERLINE S681
 WINCHESTER HR P8315
 DAVES B MAKER 803

	CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
EPD	10.3	2.5	86.1	128.3	11.3	19.0	62.0	18.4	49.4	-0.48	0.08	-0.070	1.43	124.4	79.6
%	40%	60%	1%	1%	40%	85%	20%	65%	2%	1%	65%	10%	1%	40%	10%

- Homo polled and non-diluted
- Wide top and Super long
- Big Ribeye
- Ranks top 1% for WW and YW



Brinley and Hailey

3 CROSSHAIR 8A #2782121

BD: 3/16/13 PUREBRED POLLED RED Dam's Age: 2
 BW: 83 WW: 718 WR: 111 YW: 1330 YR: 98 ADG: 3.80 %IMF: 2.27 Rat: 100 REA: 13.9 Rat: 100

K WS ALL IN W111
R CHSR SF T278 Y75
 HSF HIGH ROLLER 12T
 WS MISS TRACY T50
 TNT SHEAR FORCE T278
 CHSR CROC766 962

	CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
EPD	17.6	0.4	74.3	101.0	16.0	32.3	69.5	21.6	29.8	-0.40	0.11	-0.072	0.93	138.5	76.9
%	1%	15%	15%	30%	3%	4%	2%	30%	45%	10%	55%	10%	20%	15%	15%

- Good birth-to-weaning spread bull
- Ranks top 1% for CE
- Lots of middle in this guy



Lot 4

4 CROSSHAIR 18A #2782133

BD: 3/18/13 PUREBRED POLLED RED Dam's Age: 2
 BW: 85 WW: 726 WR: 101 YW: 1338 YR: 98 ADG: 3.80 %IMF: 2.76 Rat: 116 REA: 13.4 Rat: 93

K KS SUNDANCE KID S28
R CHSR GUN 848 Y116
 CNS DREAM ON L186
 KS SHANIA H871
 DAVES GUNNER 848
 DAVES B MAKER 828

	CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
EPD	12.8	1.1	62.8	94.3	13.3	30.3	61.7	19.6	27.7	-0.29	0.22	-0.059	0.65	129.7	71.1
%	15%	25%	60%	50%	20%	10%	20%	50%	55%	60%	30%	55%	75%	30%	35%

- Dark Cherry Red
- Extra length
- Moderate birth with growth



Lot 5



LBR Crockett R81, maternal grandsire



Lot 7



Lot 8

5 CROSSHAIR 22A #2782076
 BD: 3/20/13 PUREBRED POLLED RED Dam's Age: 3
 BW: 86 WW: 728 WR: 101 YW: 1406 YR: 103 ADG: 4.20 %IMF: 2.52 Rat: 106 REA: 13.6 TI: 94
K ELLINGSON IDEAL X13 THSF FREEDOM 300N
R CHSR 738 X62 ELLINGSON POWERLINE S681
 DAVES B MAKER 738
 DAVES G S 538 8122

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
8.1	2.2	85.3	135.5	12.9	24.0	66.7	15.6	53.6	-0.24	0.00	-0.067	0.75	111.8	76.9
% 65%	50%	1%	1%	25%	50%	4%	90%	1%	85%	80%	30%	55%	70%	15%

- Soggy made and deep sided
- Great disposition
- Ranks top 1% for WW, YW and CW

6 CROSSHAIR 30A #2782176
 BD: 3/21/13 PUREBRED POLLED RED Dam's Age: 2
 BW: 90 WW: 708 WR: 98 YW: 1334 YR: 98 ADG: 3.90 %IMF: 3.28 Rat: 138 REA: 14.9 TI: 103
K KS SUNDANCE KID S28 CNS DREAM ON L186
R CHSR MS CROC Y171 KS SHANIA H871
 LBR CROCKETT R81
 MISS DEVORE P445

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
9.6	2.3	64.9	98.0	10.6	29.0	61.5	18.9	31.6	-0.26	0.31	-0.021	0.93	127.7	72.5
% 50%	55%	50%	40%	50%	15%	20%	60%	40%	75%	15%	99%	20%	35%	30%

- Dark, cherry red
- Dam has a nice udder
- Good marbling bull

7 CROSSHAIR 32A #2782041
 BD: 3/21/13 PUREBRED POLLED RED Dam's Age: 5
 BW: 86 WW: 688 WR: 95 YW: 1313 YR: 96 ADG: 3.90 %IMF: 1.51 Rat: 64 REA: 15.3 TI: 105
K ELLINGSON IDEAL X13 THSF FREEDOM 300N
R CHSR CROC 992 ELLINGSON POWERLINE S681
 LBR CROCKETT R81
 MISS DEVORE P464

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
5.9	1.7	74.6	112.0	10.8	22.8	60.1	20.2	38.8	-0.31	-0.21	-0.041	1.01	102.4	65.2
% 85%	40%	15%	15%	50%	60%	25%	45%	15%	50%	99%	75%	10%	90%	70%

- Thick quartered and wide topped
- Gained well on test
- Dam is a nice Crockett cow

8 CROSSHAIR 35A #2782131
 BD: 3/23/13 3/4 SM 1/4 AR POLLED RED Dam's Age: 3
 BW: 99 WW: 629 WR: 87 YW: 1270 YR: 93 ADG: 4.00 %IMF: 2.18 Rat: 92 REA: 13.5 TI: 93
K ELLINGSON KLONDIKE Y123 WS BEEF MAKER R13
R CHSR BIRMINGHAM X142 ELLINGSON MS TEDDY U894
 8004 KUHN'S BIRMINGHAM
 MISS DEVORE P473

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
6.5	3.6	69.5	111.6	9.6	25.3	60.0		41.9	-0.29	0.14	-0.076	0.70	102.2	66.1
% 90%	95%	20%	15%	40%	40%	20%		10%	20%	85%	1%	30%	85%	65%

- Good ADG
- Dam is a moderate, big-middled halfblood cow
- Really gained well after weaning



Brinley and Hailey



Lot 10



Lot 11



Lot 12

9 CROSSHAIR 38A #2782094

BD: 3/24/13 PUREBRED POLLED RED Dam's Age: 6

BW:	WW:	WR:	YW:	YR:	ADG:	%IMF:	Rat:	REA:	Rat:
93	703	97	1289	95	3.60	2.09	88	14.3	99

K ELLINGSON IDEAL X13

R DAVES R DREAM 819

THSF FREEDOM 300N
ELLINGSON POWERLINE S681
DILLONS K217 RED DREAM
DAVES R S 619

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
EPD 8.8	2.1	76.6	12.0	14.2	19.6	57.9	22.5	39.2	-0.36	-0.06	-0.091	0.78	118.8	69.9
% 60%	50%	10%	15%	10%	85%	40%	20%	15%	25%	90%	1%	45%	55%	45%

- Another long Ideal son
- Has great disposition
- Will sire great feeder cattle

10 CROSSHAIR 52A #2782086

BD: 3/26/13 1/2 SM 1/2 AR POLLED RED Dam's Age: 12

BW:	WW:	WR:	YW:	YR:	ADG:	%IMF:	Rat:	REA:	Rat:
91	634	99	1201	96	3.40	2.29	88	13.2	97

K KUHN'S BIRMINGHAM 0923

R MISS DEVORE M212

COLEY'S BIRMINGHAM 622S
KUHN'S NEW TREND 6014
MV RED LIGHT 406
MISS ARNOLD H9120

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
EPD 9.5	1.9	43.1	69.8	8.1	29.1	50.7		15.1	-0.03	0.16	-0.014	0.04	100.0	50.4
% 65%	75%	99%	95%	55%	15%	75%		85%	95%	80%	60%	99%	85%	99%

- Dam has been a great producer
- Moderate and deep made
- Keep the daughters out of this guy

11 CROSSHAIR 53A #2782068

BD: 3/26/13 1/2 SM 1/2 AR POLLED RED Dam's Age: 6

BW:	WW:	WR:	YW:	YR:	ADG:	%IMF:	Rat:	REA:	Rat:
108	627	98	1326	106	4.20	2.72	105	14.4	106

K KUHN'S BIRMINGHAM 0923

R DAVES G S 538 884

COLEY'S BIRMINGHAM 622S
KUHN'S NEW TREND 6014
DAVES G SLAM R538
MISS DEVORE N329

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
EPD 5.4	4.4	53.2	87.9	9.7	28.3	54.9		29.5	0.00	0.21	0.001	0.25	91.9	53.9
% 95%	99%	80%	65%	35%	20%	50%		40%	99%	75%	80%	99%	95%	95%

- Dark cherry red
- Powerhouse halfblood
- Extra long and high ADG

12 CROSSHAIR 56A #2782040

BD: 3/27/13 PUREBRED POLLED RED Dam's Age: 5

BW:	WW:	WR:	YW:	YR:	ADG:	%IMF:	Rat:	REA:	Rat:
95	650	90	1249	92	3.70	2.07	87	15.5	107

K ELLINGSON IDEAL X13

R CHSR TNSF 991

THSF FREEDOM 300N
ELLINGSON POWERLINE S681
TNT SHEAR FORCE T278
DAVES R S 729

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
EPD 10.2	2.1	71.0	04.6	14.3	21.2	56.7	18.6	35.0	-0.47	-0.09	-0.088	1.10	109.7	66.8
% 40%	50%	25%	25%	10%	70%	45%	65%	30%	1%	95%	3%	4%	75%	60%

- Maternal brother sold in last year's sale
- Good ribeye
- Moderate and thick



Lot 13

13 CROSSHAIR 74A #2782202

BD: 3/31/13 PUREBRED POLLED RED Dam's Age: 2
 BW: 83 WW: 682 WR: 95 YW: 1328 YR: 97 ADG: 4.00 %IMF: 1.80 Rat: 76 REA: 13.8 Rat: 96
K KS FORMULATED Y670 BCLR SHAMWOW W611
R CHSR MS 773 Y170 KS MISS REZULT T490
 DAVES CROC 773
 DAVES 414 664

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
EPD 14.2	0.5	64.3	96.4	10.6	30.0	62.1		28.0	-0.27	-0.01	-0.071	0.50	124.8	65.1
% 10%	20%	50%	45%	50%	10%	20%		55%	70%	85%	10%	95%	40%	70%

- Well muscled and smaller framed
- Has a super disposition
- High ADG



Lot 14

14 CROSSHAIR 75A #2782197

BD: 3/31/13 PUREBRED POLLED RED Dam's Age: 2
 BW: 72 WW: 775 WR: 107 YW: 1294 YR: 95 ADG: 3.20 %IMF: 2.46 Rat: 104 REA: 13.3 Rat: 92
K KS FORMULATED Y670 BCLR SHAMWOW W611
R CHSR MS CROC Y45 KS MISS REZULT T490
 LBR CROCKETT R81
 DAVES GS 503 7103

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
EPD 13.6	-0.1	70.6	98.8	9.8	30.2	65.5		28.0	-0.23	0.13	-0.028	0.70	132.7	72.3
% 10%	10%	25%	40%	65%	10%	10%		55%	90%	50%	99%	65%	25%	30%

- Pet of the pen
- Nice young Crockett dam
- Smooth-made and low birth weight



Lot 15

15 CROSSHAIR 77A #2782177

BD: 4/1/13 PUREBRED POLLED RED Dam's Age: 7
 BW: 99 WW: 724 WR: 100 YW: 1438 YR: 106 ADG: 4.40 %IMF: 1.74 Rat: 73 REA: 13.6 Rat: 94
K ELLINGSON IDEAL X13 THSF FREEDOM 300N
R DAVES G SLAM 650 ELLINGSON POWERLINE S681
 WHF GRAND SLAM H21
 MISS DEVORE P402

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
EPD 4.3	3.9	85.8	134.7	12.9	26.7	69.6	19.8	55.6	-0.23	-0.15	-0.068	0.75	103.9	70.8
% 95%	85%	1%	1%	25%	30%	2%	50%	1%	90%	99%	30%	55%	85%	40%

- Great cow family
- Little more length and frame
- Top 1% WW, YW and CW



Lot 16

16 CROSSHAIR 90A #2782074

BD: 4/2/13 PUREBRED POLLED RED Dam's Age: 3
 BW: 86 WW: 711 WR: 99 YW: 1403 YR: 103 ADG: 4.30 %IMF: 2.48 Rat: 105 REA: 14.1 Rat: 97
K ELLINGSON KLONDIKE Y123 WS BEEF MAKER R13
R CHSR MISS DREAM X60 ELLINGSON MS TEDDY U894
 DILLONS K217 RED DREAM
 DAVES G S 538 888

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
EPD 10.2	2.5	74.0	115.2	12.9	29.4	66.4	19.6	42.1	-0.38	0.20	-0.093	0.85	128.4	75.9
% 40%	60%	15%	10%	25%	15%	5%	50%	10%	15%	35%	1%	35%	30%	15%

- Dark, cherry red
- Extra thick with moderate birth
- High ADG out of a nice young cow



Lot 17

17 CROSSHAIR 100A #2782055

BD: 4/4/13 PUREBRED POLLED RED Dam's Age: 5
 BW: 95 WW: 712 WR: 99 YW: 1451 YR: 106 ADG: 4.60 %IMF: 3.32 Rat: 140 REA: 13.6 TI: 94
K ELLINGSON KLONDIKE Y123 WS BEEF MAKER R13
R CHSR TNTSF 923 ELLINGSON MS TEDDY U894
 TNT SHEAR FORCE T278
 DAVES CROC 743

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI	
9.8	4.0	79.4	122.9	12.6	28.9	68.6	20.5	48.8	-0.41	0.34	-0.089	1.06	137.1	81.0	
%	45%	85%	5%	3%	25%	15%	2%	40%	3%	10%	10%	3%	10%	15%	4%

- Long Klondike son
- Ranks top 3% for YW and 5% WW
- One of the highest ADG and marbling bulls in sale



Lot 18

18 CROSSHAIR 107A #2782056

BD: 4/4/13 PUREBRED POLLED RED Dam's Age: 5
 BW: 88 WW: 724 WR: 100 YW: 1329 YR: 98 ADG: 3.70 %IMF: 1.75 Rat: 74 REA: 14.2 TI: 98
K ELLINGSON IDEAL X13 THSF FREEDOM 300N
R CHSR CROC 918 ELLINGSON POWERLINE S681
 LBR CROCKETT R81
 DAVES G SLAM 647

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI	
4.8	2.4	80.7	121.3	11.8	24.3	64.7	21.5	45.2	-0.38	-0.10	-0.083	0.97	111.2	71.0	
%	95%	55%	4%	3%	35%	45%	10%	30%	5%	15%	95%	3%	15%	70%	40%

- Ranks 3% YW and 4% WW
- Good birth-to-weaning spread
- Another Ideal to sire top feeder calves



Lot 19

19 CROSSHAIR 108A #2782217

BD: 4/5/13 1/2 SM 1/2 AR POLLED RED Dam's Age: 9
 BW: 89 WW: 665 WR: 104 YW: 1274 YR: 101 ADG: 3.60 %IMF: 2.64 Rat: 102 REA: 14.2 TI: 104
K KUHN'S BIRMINGHAM 0923 COLEY'S BIRMINGHAM 622S
R MISS DEVORE P455 KUHN'S NEW TREND 6014
 TNT FORTUNE BUILDER M404
 MISS ARNOLD F9627

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
7.4	2.3	46.9	77.7	6.9	31.8	55.3		20.4	-0.14	0.13	-0.018	0.42	91.8	52.0
%	85%	80%	95%	85%	70%	5%	45%	75%	75%	85%	60%	85%	95%	90%

- Thick and deep made
- Out of a good, big-middled cow
- Moderate birth and gained good on test



Lot 20

20 CROSSHAIR 109A #2782227

BD: 4/5/13 1/2 SM 1/2 AR POLLED RED Dam's Age: 10
 BW: 95 WW: 637 WR: 99 YW: 1218 YR: 97 ADG: 3.50 %IMF: 2.76 Rat: 106 REA: 12.5 TI: 92
K KUHN'S BIRMINGHAM 0923 COLEY'S BIRMINGHAM 622S
R MISS DEVORE N350 KUHN'S NEW TREND 6014
 BAR 5 MR STALLONE 389K
 MISS ARNOLD J1900

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
7.3	2.4	43.7	68.8	8.8	32.3	54.1		15.1	-0.07	0.18	-0.028	0.07	95.1	50.4
%	85%	80%	99%	95%	50%	4%	55%	85%	90%	80%	45%	99%	90%	99%

- Moderate, high-maternal bull
- Big-middled halfblood
- Large scrotal



Lot 21

21 CROSSHAIR 121A #2782141

BD: 4/7/13 3/4 SM 1/4 AR POLLED RED Dam's Age: 3

BW:	WW:	WR:	YW:	YR:	ADG:	%IMF:	Rat:	REA:	Rat:
93	683	95	1417	104	4.60	2.07	87	15.9	110

K ELLINGSON KLONDIKE Y123 | WS BEEF MAKER R13
ELLINGSON MS TEDDY U894

R CHSR MISS KING X91 | TNTS NORSEMAN KING U273
MISS DEVORE P412

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
9.9	2.6	73.0	120.8	9.0	31.6	68.1		46.0	-0.43	0.07	-0.079	1.16	110.5	70.1
%	60%	85%	10%	5%	45%	5%	2%	4%	1%	90%	1%	1%	70%	45%

- Homo polled and non-diluted
- Herdsire prospect with high ADG
- Dam has perfect udder
- Maternal brother to last year high seller



Lot 22

22 CROSSHAIR 122A #2782060

BD: 4/7/13 PUREBRED POLLED RED Dam's Age: 5

BW:	WW:	WR:	YW:	YR:	ADG:	%IMF:	Rat:	REA:	Rat:
105	779	108	1411	104	3.90	2.16	91	13.5	94

K ELLINGSON IDEAL X13 | THSF FREEDOM 300N
ELLINGSON POWERLINE S681

R CHSR TNTSF 953 | TNT SHEAR FORCE T278
DAVES TNT 7127

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
5.8	4.2	84.1	124.9	13.9	22.0	64.0	18.4	49.9	-0.36	-0.12	-0.102	0.81	102.9	70.2
%	90%	90%	2%	2%	15%	65%	10%	65%	2%	25%	95%	1%	40%	90%

- Great length
- Good choice to add a little frame and performance
- Ranks top 2% WW and YW



Lot 23

23 CROSSHAIR 125A #2782127

BD: 4/8/13 PUREBRED POLLED RED Dam's Age: 2

BW:	WW:	WR:	YW:	YR:	ADG:	%IMF:	Rat:	REA:	Rat:
96	819	113	1445	106	3.90	3.00	127	16.1	112

K KS FORMULATED Y670 | BCLR SHAMWOW W611
KS MISS REZULT T490

R CHSR HIGH ROLLING Y21 | HSF HIGH ROLLER 12T
CHSR TNTSF 923

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
15.4	2.5	88.4	129.5	14.6	28.0	72.2		49.9	-0.32	0.26	-0.062	1.00	151.8	84.1
%	4%	60%	1%	1%	10%	20%	1%	2%	45%	20%	30%	10%	3%	2%

- Homo polled and non-diluted
- A complete-made, cherry red herdbull prospect
- Good carcass, thick topped and deep quartered
- Excellent disposition - Check his EPD profile



Lot 24

24 CROSSHAIR 134A #2782098

BD: 4/10/13 PUREBRED POLLED RED Dam's Age: 3

BW:	WW:	WR:	YW:	YR:	ADG:	%IMF:	Rat:	REA:	Rat:
84	696	96	1428	105	4.50	2.44	103	14.9	103

K ELLINGSON IDEAL X13 | THSF FREEDOM 300N
ELLINGSON POWERLINE S681

R CHSR BEEF MAKER X13 | WS BEEF MAKER R13
DAVES 414 663

CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
9.7	1.2	82.7	132.3	13.2	20.2	61.5	17.7	50.3	-0.28	0.09	-0.061	0.90	124.4	79.0
%	45%	30%	2%	1%	20%	80%	20%	75%	2%	65%	60%	30%	25%	40%

- Super deep quartered and heavy muscled
- Long with a high ADG
- A bull I like better every day



Lot 25

25 CROSSHAIR 136A #2782061

BD: 4/10/13 PUREBRED POLLED RED Dam's Age: 5

BW:	WW:	WR:	YW:	YR:	ADG:	%IMF:	Rat:	REA:	Rat:
92	738	102	1343	99	3.70	1.47	62	14.4	99

K ELLINGSON IDEAL X13

R CHSR CROC 949

THSF FREEDOM 300N
ELLINGSON POWERLINE S681
LBR CROCKETT R81
DAVES G SLAM R532

	CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
EPD	4.6	3.3	76.8	117.6	7.5	20.3	58.7	22.7	44.6	-0.39	-0.19	-0.089	0.93	105.4	64.9
%	95%	75%	10%	5%	90%	80%	35%	20%	10%	15%	99%	3%	20%	85%	70%

- Another Ideal son that will sire great feeder cattle
- Big middle
- Ranks top 5% YW and 10% WW



Lot 26

26 CROSSHAIR 175A #2782050

BD: 4/24/13 PUREBRED POLLED RED Dam's Age: 6

BW:	WW:	WR:	YW:	YR:	ADG:	%IMF:	Rat:	REA:	Rat:
91	720	100	1434	105	4.40	2.39	101	13.9	96

K ELLINGSON IDEAL X13

R DAVES F BUILDER 682

THSF FREEDOM 300N
ELLINGSON POWERLINE S681
TNT FORTUNE BUILDER M404
MISS DEVORE M203

	CE	BW	WW	YW	MCE	M	MW	STAY	CW	YG	MARB	BF	REA	API	TI
EPD	4.7	3.4	86.5	141.6	13.8	24.9	68.2	16.3	59.3	-0.25	-0.10	-0.064	0.89	102.5	73.4
%	95%	80%	1%	1%	15%	40%	3%	85%	1%	80%	95%	30%	25%	90%	25%

- Smooth made and long
- High ADG and ranks top 1% WW, YW and CW
- Young bull you'll want to take a hard look at

**Thank you for your confidence in our programs
and your support at the sale.
If we can be of any assistance with your new
purchases, please don't hesitate to call!**

NOTES



8001 Kuhn's Chey Bond

G **8001 KUHN'S CHEY BOND** #1253220
 BD: 1/26/08 1A 100% Dam's MPPA: 105.1
 BW: 76 WW: 727 WR: 103 YW: 1378 YR: 99 4.07 %IMF: 4.53 Rat: 115 REA: 11.35 Fat: 102
K NSF BOND L007 BIEBER MAKE MIMI 7249
 MS NSF PROOF POSITIVE J
 VAR CHEYENNE ELSIE 6013 LCC CHEYENNE B221L
 ALBERG ELSIE 171

	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
EPD	8	-5.3	58	94	16	45	5	9	7	12	0.52	-0.03	19	0.32	0.00
%	24%	11%	42%	37%	62%	53%	67%	67%	24%	32%	35%	32%	52%	24%	40%

Bond is a rock-solid heifer bull. His average BW on 48 calves is 77 lbs. They have a lot of eye appeal, are long and thick, but smooth made with a nice little head. The Bond Girls are showing me a lot of promise with a good, full, level uddered and small teats. This is probably Bond's true strength.



Larson Jubilee 155

H **LARSON JUBILEE 155** #1437600
 BD: 3/4/11 1A 100% Dam's MPPA: 101.3
 BW: 81 WW: 675 WR: 100 YW: 1261 YR: 111 3.08 79 12.78 110
K VGW BASES LOADED 905 RED SSS OLY 554T
 VGW WAR-SLICK 0786
 LARSON ABIGAIL MARIE 09 LCHMN HEVN'S SAKE 1002F
 LARSON MARIE 567-866

	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
EPD	5	-2.7	66	115	15	48	7	10	8	6	0.24	0.09	35	0.24	0.01
%	38%	34%	22%	11%	68%	39%	81%	48%	18%	89%	79%	71%	16%	32%	54%

Co-owned with Larson Red Angus and Leland Red Angus.



HXC Conquest 4405P, sire

I **C-BAR CONTOUR 107X** #1405033
 BD: 1/17/10 1A 100% Dam's MPPA: 103.6
 BW: 79 WW: 680 WR: 1223 YR: 103.6
K HXC CONQUEST 4405P BECKTON JULIAN GG B571
 HXC ELLIE MAY MA638
 BROWN C- ABIGRACE S602 BECKTON HERITAGE N013
 BROWN MS ABIGRACE P7905

	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
EPD	13	-3.9	61	95	20	51	3	8	3	15	0.69	0.00	21	0.51	0.03
%	7%	20%	34%	37%	42%	28%	56%	77%	64%	8%	16%	43%	47%	9%	80%



Red SVR Warrior 99X

J **RED SVR WARRIOR 99X** #1425736
 BD: 2/21/10 1A 100% Dam's MPPA:
 BW: 95 WW: 670 WR: 100 YW: 1175 YR: 100
K RED SVR KNIGHT 236T RED SVR KNIGHT 73P
 RED SOUTH VIEW MISS MAXI 45H
 RED DWAJO DUCHESS 75M RED CRESCENT CREEK CHEROKEE
 RED WBR DUCHESS 16'96

	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
EPD	1	0.4	49	70	11	36	-16	6	3	10	-0.10	-0.19	13	0.45	-0.04
%	73%	79%	73%	79%	92%	93%	1%	96%	67%	56%	99%	3%	69%	8%	2%

K RED SIX MILE RUGER 221X #1476356

BD: 2/10/10 1A 100% Dam's MPPA:
 BW: 92 WW: 815 WR: 100

K RED SIX MILE ULTIMATUM 409U
 RED SIX MILE SHAWNEE 116T
 RED SIX MILE MASTERMIND 854M
 RED RSL PRIDE PRIDE 917L
 5L NORSEMAN KING 2291
 RED CROWFOOT SHAWNEE 9124J

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
1	1.2	63	95	12	44	-14	9	0	11	0.20	-0.14	31	0.43	-0.04	
%	70%	86%	29%	36%	81%	61%	3%	64%	85%	34%	84%	8%	24%	15%	3%

L RED SVR KNIGHT 221T CAN: #1385970

BD: 3/11/07 1A 100% Dam's MPPA:
 BW: WW: WR: YW: YR: %IMF: Rat: REA: Rat:

K RED SVR KNIGHT 73P
 RED SVR RAINBOW 64M
 RED YY RED KNIGHT 640F
 RED SVR JINNY 19K
 RED SVR HIGH OCTANE 54K
 RED SVR RAINBOW 85K

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
14	-7.5	41	53	13	33	-18	4	12	6	0.35	-0.20	-10	0.32	-0.01	
%															



TNTS Bank Statement T272, sire

M BHR BANKER 03 31390523

BD: 3/10/10 1A 100% Dam's MPPA: 99.6 2
 BW: 60 WW: 754 WR: 109 YW: 1298 YR: 103
 %IMF: 3.34 Rat: 92 REA: 14.97 Fat: 107

K TNTS BANK STATEMENT T272
 MISS BHR GOLDEN BOY 844
 LJC MISSION STATEMENT P27
 NSFM MISS DYNAMICS M14
 BHR GOLDEN BOY 453B
 MISS BHR RAM 84 119

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
5	-4.2	51	83	13	38	5	11	4	11	0.45	-0.18	13	0.58	0.00	
%	38%	17%	62%	55%	80%	83%	73%	41%	56%	38%	45%	4%	64%	6%	40%



Red Towaw Indeed 104H

N RED TOWAW INDEED 104H #1234513

BD: 3/2/98 1A 100% Dam's MPPA:
 BW: 95 WW: 738 WR: 100
 %IMF: Rat: REA: Rat:

K RED CC EXPANSION 5E
 RED TOWAW MOLLY 67C
 ROCK CREEK TREK
 RED COULEE CREST ANNETTE 4C
 ARSF BOLD EDITION 2A
 RED TOWAW MOLLY 34R

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
-3	0.1	50	74	23	48	-13	11	3	20	0.38	0.01	14	-0.22	-0.03	
%	90%	72%	63%	71%	29%	43%	4%	34%	64%	1%	58%	46%	63%	90%	6%



Elodie



Reagen



Lot 27

27 KUHNS JUBILEE A002 #1617840

BD: 1/28/13 1A 100% Dam's MPPA: 102.0 Dam's Age: 2

BW:	WW:	WR:	YW:	YR:	ADG:	%IMF:	Rat:	REA:	Rat:
65	680	105	1034	86	2.21	2.46	73	10.7	87

LARSON JUBILEE 155
KUHNS COVER GIRL Y096

VGW BASES LOADED 905
LARSON ABIGAIL MARIE 09
LSF HIGH YIELD 8088U
KUHNS QUEEN

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
7	-4.7	48	59	19	43	6	12	7	10	0.42	0.08	12	-0.08	0.00	
%	21%	6%	76%	92%	48%	87%	88%	17%	17%	61%	49%	78%	72%	87%	44%

- Heifer bull
- Out of a good young cow

28 KUHNS CONTOUR A004 #1617842

BD: 2/1/13 1A 100% Dam's MPPA: 102.8 Dam's Age: 2

BW:	WW:	WR:	YW:	YR:	ADG:	%IMF:	Rat:	REA:	Rat:
80	694	107	1249	104	3.47	4.23	125	13.5	110

C-BAR CONTOUR 107X
KUHNS COVER GIRL Y013

HXC CONQUEST 4405P
BROWN C- ABIGRACE S602
LSF HIGH YIELD 8088U
KUHNS EPIC TREND 0917

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
6	-3.3	59	90	20	49	4	9	6	14	0.70	-0.05	20	0.37	-0.01	
%	28%	17%	36%	40%	39%	33%	71%	72%	28%	9%	8%	24%	46%	14%	22%

- One of the strongest carcass bulls
- Calving ease

29 KUHNS CONTOUR A013 #1617851

BD: 2/5/13 1A 100% Dam's MPPA: 102.8 Dam's Age: 2

BW:	WW:	WR:	YW:	YR:	ADG:	%IMF:	Rat:	REA:	Rat:
76	678		1213		3.34	2.86		11.2	

C-BAR CONTOUR 107X
KOESTER MS HI YIELD 070

HXC CONQUEST 4405P
BROWN C- ABIGRACE S602
LSF HIGH YIELD 8088U
SRN FIRESTORM 4005

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
6	-2.0	59	91	19	48	5	9	5	15	0.68	-0.03	21	0.36	0.00	
%	28%	35%	36%	38%	49%	36%	80%	73%	42%	5%	10%	31%	42%	14%	44%

- He is a twin
- Very balanced EPD bull



Lot 30

30 KUHNS CONTOUR A014 #1617852

BD: 2/6/13 1A 100% Dam's MPPA: 100.8 Dam's Age: 2

BW:	WW:	WR:	YW:	YR:	ADG:	%IMF:	Rat:	REA:	Rat:
68	659	102	1310	109	4.06	3.70	109	14.0	114

C-BAR CONTOUR 107X
KUHNS LOGAN ENVY Y044

HXC CONQUEST 4405P
BROWN C- ABIGRACE S602
SCHULER ENVY 7342T
MS KUHN'S LOGAN

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
8	-3.6	51	89	24	49	3	8	7	13	0.66	-0.11	14	0.55	0.01	
%	15%	14%	64%	43%	13%	50%	64%	89%	17%	24%	11%	10%	65%	3%	60%

- One of the deepest, biggest middled bulls in the sale



Lot 31

31 KUHNS CONTOUR A015 #1617853

BD: 2/6/13 1A 100% Dam's MPPA: 102.4 Dam's Age: 2

BW:	WW:	WR:	YW:	YR:	ADG:	%IMF:	Rat:	REA:	Rat:
64	688	106	1370	114	4.26	3.27	97	10.7	87

C-BAR CONTOUR 107X
KUHNS LEGACY Y043

HXC CONQUEST 4405P
BROWN C- ABIGRACE S602
LJC LEGACY 467W
KUHNS RATT QUEEN 6023

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
11	-5.3	50	84	21	46	6	7	8	13	0.46	0.07	7	-0.02	0.02	
%	5%	4%	68%	54%	26%	64%	84%	94%	10%	19%	40%	74%	84%	77%	78%

- Calving ease bull with eye appeal



Lot 32

32 KUHNS JUBILEE A017 #1617855
 BD: 2/9/13 1A 100% Dam's MPPA: 102.0 Dam's Age: 2
 BW: 67 WW: 678 WR: 105 YW: 1214 YR: 101 ADG: 3.35 %IMF: 3.17 Rat: 94 REA: 11.9 Rat: 96
 LARSON JUBILEE 155 VGW BASES LOADED 905
 LARSON ABIGAIL MARIE 09
 KUHN'S LEGACY Y047 LJC LEGACY 467W
 KUHN'S LAD TREND 7001

	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
EPD	9	-5.0	49	76	23	47	7	11	8	10	0.21	0.00	11	0.06	-0.01
%	11%	5%	70%	70%	16%	64%	92%	24%	10%	55%	89%	44%	74%	61%	22%

• Long-bodied heifer bull



Lot 33

33 KUHNS JUBILEE A023 #1617773
 BD: 2/15/13 1A 100% Dam's MPPA: 103.4 Dam's Age: 6
 BW: 75 WW: 700 WR: 101 YW: 1327 YR: 108 ADG: 3.92 %IMF: 2.19 Rat: 69 REA: 14.3 Rat: 111
 LARSON JUBILEE 155 VGW BASES LOADED 905
 LARSON ABIGAIL MARIE 09
 KUHN'S BAILEY QUEEN 7039 FORSTER BAILEY 4005
 MS KUHN'S KING ROB

	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
EPD	8	-3.7	55	97	23	51	4	11	5	7	0.25	0.00	21	0.35	0.01
%	15%	13%	49%	24%	16%	45%	69%	24%	42%	88%	85%	44%	42%	15%	60%

• One of the thickest bulls in the sale



Lot 34

34 KUHNS CONTOUR A042 #1617805
 BD: 2/21/13 1A 100% Dam's MPPA: 102.0 Dam's Age: 4
 BW: 85 WW: 724 WR: 105 YW: 1348 YR: 109 ADG: 3.9 %IMF: 2.65 Rat: 83 REA: 13.3 Rat: 103
 C-BAR CONTOUR 107X HXC CONQUEST 4405P
 BROWN C- ABIGRACE S602
 KUHN'S EPIC BAILEY 0921 MLK CRK EPIC 7176
 KUHN'S BAILEY QUEEN 7039

	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
EPD	7	-3.4	60	103	22	52	1	8	4	13	0.44	0.00	23	0.47	0.03
%	21%	16%	30%	16%	23%	15%	50%	85%	58%	20%	44%	44%	37%	8%	87%

• Big ribeye
 • Out of a 102 MPPA cow



Lot 35

35 KUHNS JUBILEE A043 #1617775
 BD: 2/21/13 1A 100% Dam's MPPA: 96.5 Dam's Age: 6
 BW: 82 WW: 659 WR: 95 YW: 1193 YR: 97 ADG: 3.34 %IMF: 4.64 Rat: 145 REA: 12.8 Rat: 100
 LARSON JUBILEE 155 VGW BASES LOADED 905
 LARSON ABIGAIL MARIE 09
 KUHN'S CHY QUEEN 7008 LCC CHEYENNE B221L
 KUHN'S SEEGER QUEEN

	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
EPD	8	-4.4	51	89	20	46	7	11	8	9	0.55	0.10	19	-0.01	0.01
%	15%	8%	64%	43%	34%	61%	90%	27%	10%	69%	23%	84%	51%	75%	60%

• He can give you marbling - 145 ratio



Lot 36

36 KUHNS JUBILEE A045 #1617787

BD: 2/21/13 1A 100% Dam's MPPA: 98.5 Dam's Age: 5

BW:	WW:	WR:	YW:	YR:	ADG:	%IMF:	Rat:	REA:	Rat:
85	691	100	1290	105	3.74	2.23	70	13.1	102

LARSON JUBILEE 155 | VGW BASES LOADED 905
LARSON ABIGAIL MARIE 09

KUHN'S BIRMINGHAM FOREST | COLEY'S BIRMINGHAM 622S
FORSTER FOREST 9024

	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
EPD	6	-3.0	49	83	18	42	2	9	6	8	0.28	0.15	12	0.09	0.05
%	28%	20%	72%	57%	58%	80%	54%	65%	28%	87%	80%	94%	71%	55%	97%

- Really fun to look at
- Out of a strong cow family



Hudson and Grandpa Joe.

37 KUHNS CONTOUR A050 #1617776

BD: 2/22/13 1A 100% Dam's MPPA: 99.2 Dam's Age: 6

BW:	WW:	WR:	YW:	YR:	ADG:	%IMF:	Rat:	REA:	Rat:
72	644	93	1059	86	2.59	3.76	117	11.1	87

C-BAR CONTOUR 107X | HXC CONQUEST 4405P
BROWN C- ABIGRACE S602

KUHNS BAILEY KOPPER 7030 | FORSTER BAILEY 4005
MS FORSTER KOPPER 6049

	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
EPD	9	-3.6	40	44	23	43	-2	8	4	11	0.58	-0.02	-3	0.07	0.01
%	11%	14%	91%	98%	16%	82%	25%	87%	58%	41%	19%	35%	95%	59%	60%

- Sleep-all-night heifer bull



Buy a Bull – We'll Buy Your Tags!

If you purchase a bull from us, we will purchase one bag of FCCP or Allied Access tags per bull for you.

All you need to do is call the Red Angus Marketing Department, answer a few management questions, and enroll your calf crop for free. Then start reaping the premiums through Red Angus' marketing programs!




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For nearly two decades the FCCP has been delivering results for bull customers using ONLY Red Angus





Genetic, Source & Age

Released in 2012, Allied Access provides an added-value option for Red Angus customers using multiple breeds in a rotation, hybrids and/or composite bulls to capture heterosis in their crossbreeding programs.

Source & Age







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Lot 38

38 KUHNS JUBILEE A051 #1617789
 BD: 2/22/13 1A 100% Dam's MPPA: 102.4 Dam's Age: 5
 BW: 75 WW: 668 WR: 97 YW: 1229 YR: 100 ADG: 3.5 %IMF: 2.57 Rat: 80 REA: 12.7 Rat: 99
 LARSON JUBILEE 155 VGW BASES LOADED 905
 LARSON ABIGAIL MARIE 09
 JACOBSON SARA 8002 CBR RAM 3109-936
 LMG SARA 1079

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
9	-4.0	55	91	16	44	4	11	6	10	0.09	0.10	20	-0.02	0.01	
%	11%	11%	50%	37%	69%	82%	77%	38%	28%	64%	96%	84%	46%	77%	60%

• Keep all the girls out of him



Lot 39

39 KUHNS KNIGHT A061 #1617784
 BD: 2/24/13 1A 100% Dam's MPPA: 102.7 Dam's Age: 5
 BW: 91 WW: 742 WR: 107 YW: 1303 YR: 106 ADG: 3.56 %IMF: 4.21 Rat: 132 REA: 14.8 Rat: 116
 RED SVR KNIGHT 221T RED SVR KNIGHT 73P
 RED SVR RAINBOW 64M
 8051 KUHNS GAL. PROSPECTOR FORSTER PROSPECTOR 5252
 KUHNS GALENA

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
6	-3.0	40	57	19	40	-8	7	9	6	0.40	-0.18	-2	0.41	-0.02	
%	28%	20%	91%	93%	43%	79%	7%	94%	5%	95%	54%	5%	95%	11%	12%

• Love this cow he is out of
 • Performance, carcass - he brings it all



Lot 40

40 KUHNS KNIGHT A063 #1617795
 BD: 2/24/13 1A 100% Dam's MPPA: 99.8 Dam's Age: 5
 BW: 82 WW: 669 WR: 97 YW: 1152 YR: 93 ADG: 3.08 %IMF: 3.49 Rat: 109 REA: 12.9 Rat: 100
 RED SVR KNIGHT 221T RED SVR KNIGHT 73P
 RED SVR RAINBOW 64M
 5L ROXIE X 1102-1188 5L RED DIRECTION 691-6046
 5L ROXIE X854-1102

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
10	-4.1	43	62	16	37	-7	9	11	10	0.43	-0.08	5	0.23	-0.01	
%	8%	10%	87%	90%	72%	92%	8%	61%	2%	62%	47%	16%	87%	29%	22%

• A true outcross bulls
 • Keep all the girls here



Lot 41

41 KUHNS KNIGHT A072 #1617808
 BD: 2/26/13 1A 100% Dam's MPPA: 99.7 Dam's Age: 4
 BW: 62 WW: 655 WR: 95 YW: 1162 YR: 94 ADG: 3.23 %IMF: 4.16 Rat: 130 REA: 12.7 Rat: 99
 RED SVR KNIGHT 221T RED SVR KNIGHT 73P
 RED SVR RAINBOW 64M
 KUHNS ELENOR PRO 0956 FORSTER PROSPECTOR 5252
 KUHNS ELENOR KING

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
11	-5.5	36	45	21	39	-7	7	10	7	0.33	-0.12	-8	0.18	-0.01	
%	5%	3%	96%	98%	30%	96%	8%	92%	3%	94%	71%	9%	98%	38%	22%

• Sleep-all-night heifer bull

42 KUHNS WARRIOR A076 #1617765

BD: 2/26/13 1A 100% Dam's MPPA: 100.1 Dam's Age: 7
 BW: 102 WW: 722 WR: 104 YW: 1197 YR: 97 ADG: 2.97 %IMF: 1.79 Rat: 56 REA: 13.0 Fat: 102

K RED SVR WARRIOR 99X
 RED DWAJO DUCHESS 75M
 KUHNS LAD QUEEN 6035
 DLC LOGAN LAD 4125
 MS KUHNS KING & QUEEN

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
0	1.2	53	74	17	43	-6	9	5	9	0.01	-0.04	20	0.21	-0.02	
%	85%	90%	56%	74%	67%	57%	10%	63%	42%	68%	98%	27%	48%	33%	12%

• Clean-headed, dark red bull



Lot 44



Good old-fashioned fun!



Lot 46

43 KUHNS WARRIOR A078 #1617779

BD: 2/27/13 1A 100% Dam's MPPA: 100.2 Dam's Age: 6
 BW: 97 WW: 771 WR: 111 YW: 1316 YR: 107 ADG: 3.41 %IMF: 3.14 Rat: 98 REA: 14.2 Fat: 110

K RED SVR WARRIOR 99X
 RED DWAJO DUCHESS 75M
 KUHNS LAD TREND 7001
 DLC LOGAN LAD 4125
 KUHNS QUEEN TREND

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
2	-0.4	56	82	18	46	-6	10	5	9	0.05	-0.14	18	0.34	-0.04	
%	68%	65%	48%	58%	52%	34%	11%	52%	42%	69%	97%	7%	53%	16%	4%

• Strong footed
 • Big REA at 14.2

44 KUHNS CONTOUR A079 #1617778

BD: 2/27/13 1A 100% Dam's MPPA: 98.6 Dam's Age: 6
 BW: 106 WW: 720 WR: 104 YW: 1260 YR: 102 ADG: 3.38 %IMF: 3.12 Rat: 97 REA: 14.6 Fat: 114

K C-BAR CONTOUR 107X
 HXC CONQUEST 4405P
 BROWN C- ABIGRACE S602
 KUHNS BAILEY MARIAS 7025
 FORSTER BAILEY 4005
 KUHNS GALENA MARIAC

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
1	0.5	58	89	17	46	0	8	3	12	0.59	-0.04	22	0.43	0.01	
%	77%	81%	38%	42%	63%	28%	38%	83%	71%	34%	18%	27%	40%	9%	60%

• He will moderate yet not give up performance

45 KUHNS BANKER A081 #1617863

BD: 3/1/13 1A 100% Dam's MPPA: 99.6 Dam's Age: 2
 BW: 69 WW: 639 WR: 99 YW: 1109 YR: 99 ADG: 2.93 %IMF: 3.43 Rat: 102 REA: 13.1 Fat: 106

K BHR BANKER 03
 TNTS BANK STATEMENT T272
 MISS BHR GOLDEN BOY 844
 KUHNS DIRECT FLAME Y046
 FEDDES DIRECT KING 7144
 KUHNS RAM FLAME

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
7	-4.0	42	70	22	43	3	11	5	9	0.31	-0.13	6	0.47	0.00	
%	21%	11%	89%	81%	23%	70%	64%	32%	42%	77%	75%	8%	84%	8%	44%

• Heifer bull

46 KUHNS BOND A087 #1617759

BD: 3/11/13 1A 100% Dam's MPPA: 97.7 Dam's Age: 7
 BW: 87 WW: 681 WR: 98 YW: 1224 YR: 104 ADG: 3.4 %IMF: 3.15 Rat: 99 REA: 10.8 Fat: 84

K 8001 KUHNS CHEY BOND
 NSF BOND L007
 VAR CHEYENNE ELSIE 6013
 KUHNS CHEY GIRL 6003
 LCC CHEYENNE B221L
 KUHNS RAM FLAME

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
6	-3.3	57	102	17	45	6	9	6	10	0.43	0.10	22	0.04	0.01	
%	28%	17%	41%	17%	67%	43%	86%	63%	28%	54%	47%	84%	41%	65%	60%

• You will like the cows out of him



Kuhn Kids

47 KUHNS BOND A091 #1617760
 BD: 3/12/13 1A 100% Dam's MPPA: 106.3 Dam's Age: 7
 BW: 89 WW: 721 WR: 104 YW: 1283 YR: 109 ADG: 3.51 %IMF: 4.19 Rat: 131 REA: 13.2 Rat: 103
 8001 KUHNS CHEY BOND NSF BOND L007
 KUHNS CHEY GIRL 6002 VAR CHEYENNE ELSIE 6013
 LCC CHEYENNE B221L
 MS FORSTER KOPPER 6049

	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
EPD	5	-2.3	59	99	21	50	4	10	6	12	0.56	0.07	22	0.21	0.02
%	36%	30%	34%	22%	31%	22%	70%	53%	28%	29%	22%	74%	41%	33%	78%

• His granddam left the farm last year at the age of 10 years



Lot 48

48 KUHNS BOND A099 #1617812
 BD: 3/17/13 1A 100% Dam's MPPA: 101.6 Dam's Age: 4
 BW: 84 WW: 705 WR: 102 YW: 1190 YR: 101 ADG: 3.03 %IMF: 3.68 Rat: 115 REA: 11.5 Rat: 90
 8001 KUHNS CHEY BOND NSF BOND L007
 MS KUHNS P LOGAN 0927 FORSTER PROSPECTOR 5252
 MS KUHNS LOGAN

	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
EPD	5	-3.1	46	73	22	44	4	10	8	11	0.60	-0.04	8	0.07	-0.02
%	36%	19%	80%	76%	25%	55%	72%	40%	10%	51%	17%	27%	82%	59%	12%

• One of the strongest Bond sons in the sale



Lot 49

49 KUHNS RUGER A140 #1617880
 BD: 2/20/13 1A 100% Dam's MPPA: Dam's Age:
 BW: 86 WW: 750 WR: YW: 1286 YR: ADG: 3.4 %IMF: 2.03 Rat: 75 REA: 12.8 Rat: 101
 RED SIX MILE RUGER 221X RED SIX MILE ULTIMATUM 409U
 RED SIX MILE SHAWNEE 116T
 RED SIX MILE SASY SYRINGA 23 RED WILDMAN DENALI 19L
 RED SIX MILE SYRINGA 818M

	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
EPD	2	0.7	54	76	17	44	-14	9	4	10	0.14	0.01	16	0.15	-0.01
%	68%	84%	55%	71%	66%	65%	1%	65%	58%	59%	94%	48%	60%	43%	22%

• The first of the ET bulls - he would be my pick



Lot 50

50 KUHNS RUGER A141 #1617881
 BD: 2/26/13 1A 100% Dam's MPPA: Dam's Age:
 BW: 96 WW: 692 WR: YW: YR: ADG: %IMF: 2.50 Rat: 92 REA: 10.9 Rat: 86
 RED SIX MILE RUGER 221X RED SIX MILE ULTIMATUM 409U
 RED SIX MILE SHAWNEE 116T
 RED SIX MILE SASY SYRINGA 23 RED WILDMAN DENALI 19L
 RED SIX MILE SYRINGA 818M

	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
EPD	2	0.7	54	76	17	44	-14	9	4	10	0.16	0.05	16	0.01	-0.01
%	68%	84%	55%	71%	66%	65%	1%	65%	58%	59%	93%	66%	60%	71%	22%

• His sire brought \$48,000 at Six Mile that year



Red Six Mile Duchess 739S, donor dam of Lot 51

51

KUHNS RUGER A142

#1617882

BW:	WW:	WR:	YW:	YR:	ADG:	Dam's MPPA:	Dam's Age:
110	814		1456		4.07	%IMF: 3.22	REA: 119
						Rat: 14.2	Rat: 113

K

RED SIX MILE RUGER 221X

RED SIX MILE DUCHESS 739S

- RED SIX MILE ULTIMATUM 409U
- RED SIX MILE SHAWNEE 116T
- RED SIX MILE PARK AVE. 392P
- RED SIX MILE DUCHESS 183N

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
1	1.1	59	88	12	42	-16	10	1	10	0.22	-0.11	24	0.31	-0.04	
%	77%	89%	35%	45%	91%	75%	1%	52%	90%	66%	88%	10%	34%	19%	4%

• He will put pounds on the ground



Red Six Mile Shawnee 116T, donor dam of Lots 52 and 53

52

KUHNS WIN-CHESTER A143

#1617883

BW:	WW:	WR:	YW:	YR:	ADG:	Dam's MPPA:	Dam's Age:
81	667		1162		3.09	%IMF: 3.44	REA: 127
						Rat: 12.4	Rat: 98

K

RED TOWAW INDEED 104H

RED SIX MILE SHAWNEE 116T

- RED CC EXPANSION 5E
- RED TOWAW MOLLY 67C
- 5L NORSEMAN KING 2291
- RED CROWFOOT SHAWNEE 9124J

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
-1	1.4	55	83	18	46	-14	10	1	15	0.29	-0.01	22	0.11	-0.03	
%	90%	92%	49%	56%	53%	50%	2%	58%	90%	6%	79%	39%	41%	51%	6%

• Lots 52 and 53 are full brothers by the Genex bull, Win-Chester



Lot 52

53

KUHNS WIN-CHESTER A146

#1617886

BW:	WW:	WR:	YW:	YR:	ADG:	Dam's MPPA:	Dam's Age:
101	674		1176		3.14	%IMF: 2.36	REA: 87
						Rat: 12.8	Rat: 102

K

RED TOWAW INDEED 104H

RED SIX MILE SHAWNEE 116T

- RED CC EXPANSION 5E
- RED TOWAW MOLLY 67C
- 5L NORSEMAN KING 2291
- RED CROWFOOT SHAWNEE 9124J

EPD	CED	BW	WW	YW	Milk	TM	ME	HPG	CEM	Stay	Marb	YG	CW	REA	Fat
-1	1.4	55	83	18	46	-14	10	1	15	0.23	-0.02	22	0.14	-0.03	
%	90%	92%	49%	56%	53%	50%	2%	58%	90%	6%	87%	35%	41%	45%	6%

• Both Lots 52 and 53 should give their new owners some good cows



Lot 53

Red Angus Guide to EPDs

Courtesy of the Red Angus Association of America
For more information on EPDs, visit redangus.org.

CED Calving Ease Direct – predicts the probability of calves being born unassisted out of 2-year-old heifers.

BW..... Birth Weight – predicts the difference, in pounds, for birth weight, and is also used in the calculation of Red Angus' Calving Ease Direct (CED) EPD.

WW Weaning Weight – predicts the difference, in pounds, for weaning weight (adjusted to age of dam and a standard 205 days of age).

YW..... Yearling Weight – predicts the expected difference, in pounds, for yearling weight (adjusted to a standard 365 days of age).

Milk Milk – predicts the difference in maternal production of an individual animal's daughters as expressed by the weaning weight of their calves.

TM Total Maternal – predicts the rancher's actual observation of weaning weights of calves raised by an animal's daughters. $TM\ EPD = Milk\ EPD + 1/2\ (WW\ EPD)$

ME Maintenance Energy – predicts a bull's daughters that will require less feed to maintain her body weight and condition; thus increasing profitability.

HPG..... Heifer Pregnancy – predicts the probability of heifers conceiving to calve at two years of age.

CEM Calving Ease Maternal – predicts the probability of a given animal's daughters calving unassisted at two years of age.

STAY.... Stayability – predicts the probability that a bull's daughters will remain in the herd until at least 6 years of age.

MARB .. Marbling Score – predicts differences for carcass marbling score as expressed in marbling score units. Higher marbling scores are positively correlated with higher carcass quality grades.

YG Yield Grade – predicts differences in USDA Yield Grade score, and is expressed in USDA Yield Grade units.

CW..... Carcass Weight – predicts differences in hot carcass weight and is expressed in pounds. Because Red Angus' CW EPD is a multi-trait.

REA Rib Eye Area – predicts differences of carcass Rib Eye Area between the 12th and 13th rib.

FAT 12th Rib Fat Thickness – predicts differences for carcass fat depth over the 12th rib, as expressed in inches.

Simmental Guide to EPDs

Courtesy of the America Simmental Association
For more information on EPDs, visit simmental.org.

CE Calving Ease – predicts the ease with which a bull's calves are born to first-calf heifers or mature cows. Larger number indicates higher percentage of unassisted births for calves sired by this bull.

BW..... Birth Weight – predicts the difference in average birth weight of a bull's progeny compared to other bulls.

WW Weaning Weight – predicts the difference in average 205-day weight of a bull's progeny.

YW..... Yearling Weight – predicts the difference in average 365-day weight of a bull's progeny compared to other bulls.

MCE Maternal Calving Ease – The ease with which a sire's daughters calve as first-calf heifers or mature cows. Larger number indicates higher percentage of unassisted births for calves born out of this sire's daughters.

Milk Milk – predicts the milking ability of a bull's daughter. A positive value indicates above average milking ability.

MWW Maternal Weaning Weight – predicts the weaning weight of a bull's daughter's calves in pounds. A positive value indicates higher-than-average weaning weights.

CW..... Carcass Weight – predicts the difference in average hot carcass weight. A positive number indicates heavier-than-average carcass weights.

REA Ribeye Area – predicts the average difference in ribeye area between the 12th and 13th rib of an animal's progeny. Express in sq. inches.

MARB .. Marbling Score – A subjective evaluation of the amount and distribution of intramuscular fat (IMF) measured between the 12th and 13th rib. A positive value indicates higher-than-average marbling.

BF or FAT Backfat – predicts the average differences between an animal's progeny in external fat thickness at the 12th and 13th rib. Express in inches at a given age endpoint.

YG Yield Grade – predicts the average differences in cutability and is expressed as a deviation. A negative or lower value is desirable just as a lower Yield Grade is desirable.

STAY Stayability – predicts the probability that a sire's daughters entering the herd will stay in production through 6 years of age. A higher value indicates greater stayability.

API All-Purpose Index – Evaluates sires for use on the entire cow herd with a portion of their daughters required to maintain herd size and the remaining progeny put on feed.

TI Terminal Index – Evaluates sires for use on mature Angus cows with all offspring put on feed. Maternal traits are not considered in this index.



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