



ANGELL-THOMAS CHAROLAIS

15TH ANNUAL BULL & FEMALE SALE

Saturday, October 17, 2026

View Livestock 10:00 am | Lunch 11:30 am | Auction 12:30 pm



Russ & Sally Thomas

17445 Monroe County Rd 817
Paris, MO 65275

Sally Thomas: (573) 682-7348

Cynthia O'Bryan, DVAuction: (573) 590-0989

Website: AngellThomas.com

Dear Cattle Producers,

We would like to invite you to attend our 15th Annual Bull and Female Sale. This year we are excited to produce an expanded catalog with a more inclusive look at our individual bull offerings with more photos. We also have room to share more photos and breeding information on our females, which has been requested over the years. Our website AngellThomas.com and DVAuction both have video links to all our offerings starting October 1st.

Wheeler Auctions and Real Estate in Paris, Missouri will be auctioning our cattle on sale day. We will also provide the option of real-time bidding through DVAuction again this year. A link to our sale will be available directly through DVAuction, don't forget to register in advance.

Open Heifers

These girls are front pasture material! We know our open Charolais Red Angus heifers are going to be one of the highlights of the sale. After sorting off the second cut of these heifers and taking them to the livestock market, even they went home as replacement heifers!

All heifers are home raised or purchased from Angell-Thomas genetics and will be open and ready to breed to the bull of your choice this fall. Reproductive tract scores and pelvic measurements will be provided on sale day. These heifers are the cream of the crop, as we do not retain any composite heifers in our herd.

Bred Heifers

We will be offering 45 bred heifers. Our females were sorted and selected prior to breeding based on disposition, reproductive tract score and pelvic measurements. The heifers were vaccinated with their pre-breeding shots and dewormed. The heifers are home raised or sired by Angell-Thomas Charolais genetics.

The black-nose heifers were AI bred to the Black Angus Connealy Guard Rail bull. The cream heifers were AI bred to the Red Angus Bieber Blue Chip bull. The two red heifers are AI bred to the Red Angus Feddes Amsterdam 3212. The heifers were AI bred on April 22, 2026 and were then pasture-exposed to two Red Angus calving ease bulls

purchased from Hueftle Cattle Company in Cozad, NE. The heifers were pregnancy checked on July 27, 2026. We have sorted the heifers into small groups based on AI status, color, type, and the sex of their calves. Heifers that settled AI are due 1/30/2027. Photos of the AI sires are printed in the catalog along with their breeding information.

Charolais Bulls and Composite Bulls

We will be offering 14 Charolais or Charolais composite bulls this year. The bulls have been fed a high fiber, growing ration that is nutritionally balanced and primarily made of forages and corn grown here on our farm along with bi-products. This ration allows for good structural development and longevity. We have found that this type of diet combined with the exercise they get in the large, shaded paddocks provide a solid foundation for years of successful breeding.

For the first time, we have used the Neogen DNA testing 100K program for genomically enhanced EPDs and parentage data. This genomic information identifies differences that the pedigree alone cannot detect. This genetic testing produces more accurate results especially in younger animals. Please note our genomically enhanced EPDs on the purebred Charolais bulls.

Join us on Sale Day

We will be serving Savannah's Farm Fresh ribeyes at the sale. As our 15th sale approaches, we look forward to visiting with new and old customers, neighbors and friends. If you have questions we can answer before the sale, feel free to give us a call. Please join us at our farm on October 17th, 2026 for a good meal, good fellowship and good cattle.

Thank you,

Sally Thomas





ANGELL-THOMAS CHAROLAIS

Sale Details

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17445 Monroe County Rd 817
Paris, MO 65275

Directions

We are located 5 miles west of the Highway 15 and Highway 24 Junction in Paris. Turn left or south on Monroe County Road 817. We are the third house on the right.

From the Highway 63 and Highway 24 Junction at Moberly, travel approximately 19 miles east and then turn south on Monroe County Road 817.

Sale Order Information

Sale order on bulls will be listed on our website closer to sale date. They currently are listed by sire groups.

We would like to thank Schyler Marley Photo, Makayla Reynolds - Dusk to Dawn Marketing, and MayeCreate Design for making this catalog possible.

LIVE ON DVAUCTION

DVAuction gives you live, real-time access to auctions across the country—right from your computer, tablet, or phone. With clear live video, reliable audio, and secure bidding, DVAuction lets you focus on what matters most: evaluating quality and bidding with confidence.



DVAuction

(402) 316-5460
support@dvauction.com

Angell-Thomas *Open Yearling Heifers*

Heifers will receive Bovi-Shield Gold FP 5 L5 HB, Ultrabac 8, as well as Dectomax Pour-On prior to sale date. Reproductive tract score and pelvic measurements will also be available on sale day.



5C09



Bieber Checkmate K126

LOT 1

- Farm Tag: 1 / 5C04 - Bieber Checkmate K126 x 1405 - 8/15/25
- Farm Tag: 2 / 5C09 - Bieber Checkmate K126 x 1W08 - 8/19/25
- Farm Tag: 3 / 5C20 - Bieber Checkmate K126 x 8621 - 8/23/25

LOT 2

- Farm Tag: 4 / 5C02 - Bieber Checkmate K126 x 7N01 - 8/15/25
- Farm Tag: 5 / 5C13 - Bieber Checkmate K126 x 8014 - 8/20/25
- Farm Tag: 6 / 5C24 - Bieber Checkmate K126 x 0630 - 8/30/25

LOT 3

- Farm Tag: 7 / 5C08 - Bieber Checkmate K126 x 1618 - 8/18/25
- Farm Tag: 8 / 5C19 - Bieber Checkmate K126 x 40 - 8/23/25

LOT 4

- Farm Tag: 9 / NK107 - Angell Thomas Charolais x Red Angus - 8/17/25
- Farm Tag: 10 / NK110 - Angell Thomas Charolais x Red Angus - 8/18/25
- Farm Tag: 11 / NK112 - Angell Thomas Charolais x Red Angus - 9/4/25



5C04



5M03



DC/CRJ Tank E108 P



Brown M4CC Stockmarket

LOT 5

- Farm Tag: 12 / 5C10 - Bieber Checkmate K126 x BM 32 - 8/19/25
- Farm Tag: 13 / 5C14 - Bieber Checkmate K126 x 2119 - 8/20/25

LOT 6

- Farm Tag: 14 / 5T03 - DC/CRJ Tank E108P x 38 Red Angus - 8/9/25
- Farm Tag: 15 / 5T16 - DC/CRJ Tank E108P x 7X06 - 8/25/25

LOT 7

- Farm Tag: 16 / 5M08 - Brown M4CC Stockmarket x 1N01 - 9/11/25
- Farm Tag: 17 / NK108 - Angell Thomas Charolais x Red Angus - 9/18/25



5M08



NK 108

LOT 8

- Farm Tag: 18 / 5M02 - Brown M4CC Stockmarket x 8L01 - 8/30/25
- Farm Tag: 19 / 5M03 - Brown M4CC Stockmarket x 3F07 - 9/5/25
- Farm Tag: 20 / 5M17 - Brown M4CC Stockmarket x 8008 - 9/29/25

LOT 9

- Farm Tag: 21 / 5T13 - DC/CRJ Tank E108P x 29 Red Angus - 8/18/25
- Farm Tag: 22 / 5M12 - Brown M4CC Stockmarket x 1122 - 9/20/25



Angell-Thomas *Commercial Bred Heifers*



24/D & D



CONNEALY GUARD RAIL 923E

LOT 10 | TWO BRED HEIFERS

Lot / Farm Tag	Color	Pregnancy Information
23/ D & D	Smokey	AI Bred/Heifer Connealy Guard Rail
24/ D & D	Smokey	AI Bred/Bull Connealy Guard Rail

LOT 13 | TWO BRED HEIFERS

Lot / Farm Tag	Color	Pregnancy Information
29/ BT	Red	AI Bred/Heifer Feddes Amsterdam 3212
30/ BT	Red	AI Bred/Heifer Feddes Amsterdam 3212

LOT 11 | TWO BRED HEIFERS

Lot / Farm Tag	Color	Pregnancy Information
25/ D & D	Smokey	AI Bred/Bull Connealy Guard Rail
26/ D & D	Smokey	AI Bred/Heifer Connealy Guard Rail



FEDDES AMSTERDAM 3212

LOT 12 | TWO BRED HEIFERS

Lot / Farm Tag	Color	Pregnancy Information
27/ D & D	Smokey	AI Bred/Heifer Connealy Guard Rail
28/ D & D	Smokey	AI Bred/Heifer Connealy Guard Rail

LOT 14 | ONE BRED HEIFER

Lot / Farm Tag	Color	Pregnancy Information
31/ N & K	Cream	AI Bred/Bull Bieber Blue Chip H302

LOT 15 | TWO BRED HEIFERS

Lot / Farm Tag	Color	Pregnancy Information
32/ N & K	Cream	AI Bred/Bull Bieber Blue Chip H302
33/ N & K	Cream	AI Bred/Bull Bieber Blue Chip H302

We would like to welcome
Josh and Sawyer Wisdom
to our family!



LOT 16 | TWO BRED HEIFERS

Lot / Farm Tag	Color	Pregnancy Information
34/ N & K	Cream	AI Bred/Bull Bieber Blue Chip H302
35/ N & K	Cream	AI Bred/Bull Bieber Blue Chip H302



BIEBER BLUE CHIP H302

LOT 17 | THREE BRED HEIFERS

Lot / Farm Tag	Color	Pregnancy Information
36/ N & K	Cream	AI Bred/Heifer Bieber Blue Chip
37/ N & K	Cream	AI Bred/Heifer Bieber Blue Chip
38/ N & K	Cream	AI Bred/Bull Bieber Blue Chip



LOT 18 | ONE BRED HEIFER

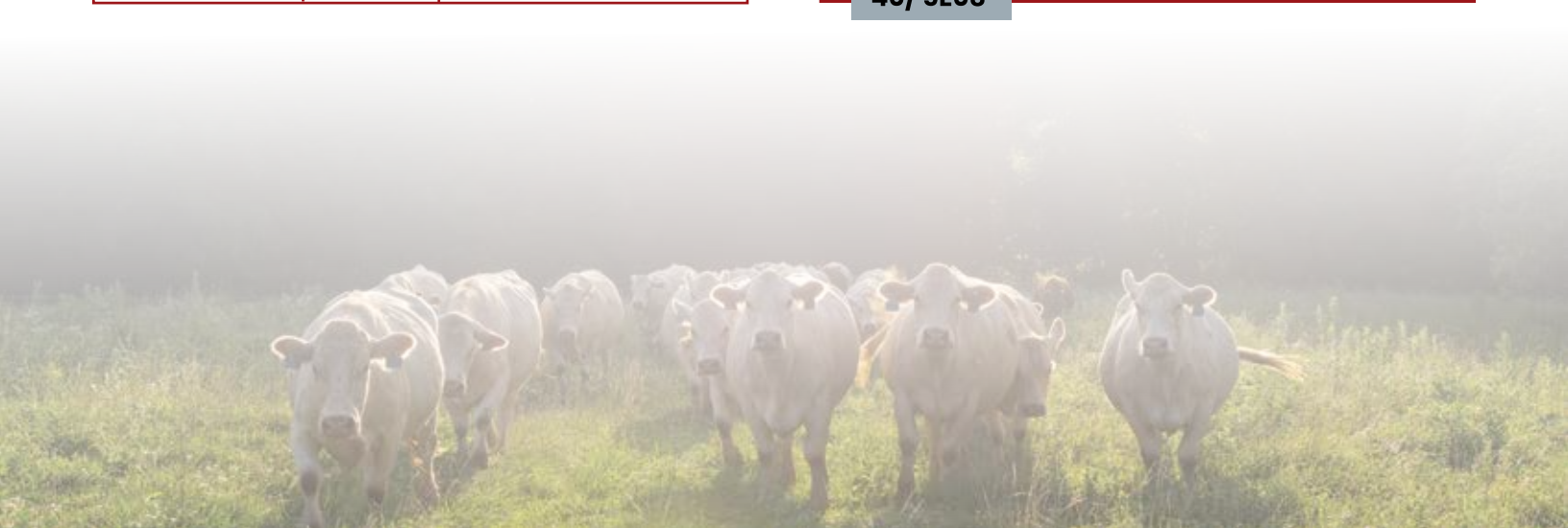
Lot / Farm Tag	Color	Pregnancy Information
39/ N & K	Cream	AI Bred/Heifer Bieber Blue Chip



40/ 5E08

LOT 19 | TWO BRED HEIFERS

Lot / Farm Tag	Color	Pregnancy Information
40/ 5E08	Cream	AI Bred/Bull Bieber Blue Chip
41/ 5E01	Cream	AI Bred/Bull Bieber Blue Chip



Angell-Thomas *Commercial Bred Heifers*



44/ 5204



45/ 5233

LOT 20 | TWO BRED HEIFERS

Lot / Farm Tag	Color	Pregnancy Information
42/ 5205	Cream	AI Bred/Bull Bieber Blue Chip
43/ 5210	Cream	AI Bred/Heifer Bieber Blue Chip

LOT 22 | TWO BRED HEIFERS

Lot / Farm Tag	Color	Pregnancy Information
46/ 5219	Cream	AI Bred/Heifer Bieber Blue Chip
47/ 4261	Cream	AI Bred/Bull Bieber Blue Chip

LOT 21 | TWO BRED HEIFERS

Lot / Farm Tag	Color	Pregnancy Information
44/ 5204	Cream	AI Bred/Heifer Bieber Blue Chip
45/ 5233	Cream	AI Bred/Bull Bieber Blue Chip

LOT 23 | ONE BRED HEIFER

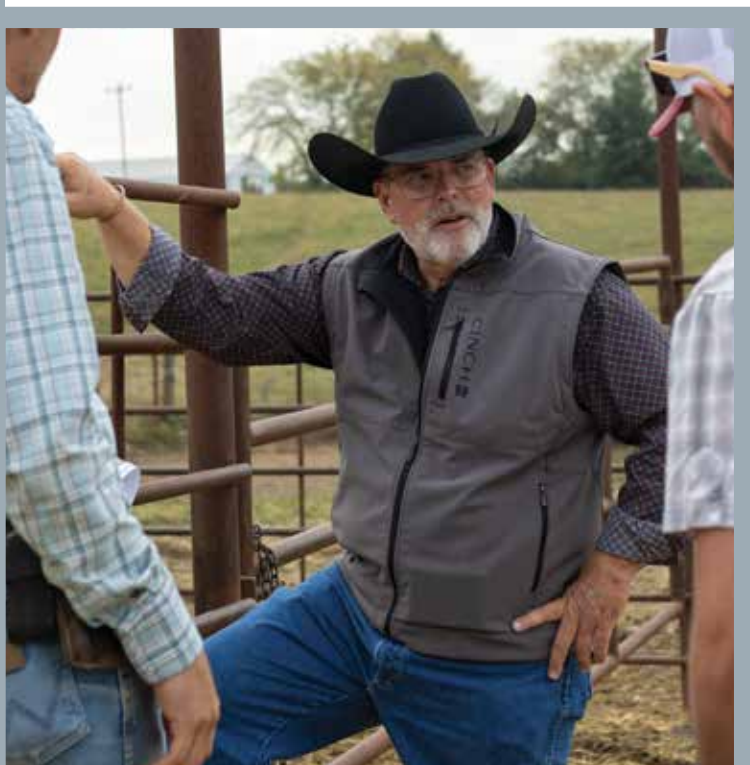
Lot / Farm Tag	Color	Pregnancy Information
48/ 5212	Cream	AI Bred/Bull Bieber Blue Chip

LOT 24 | THREE BRED HEIFERS

Lot / Farm Tag	Color	Pregnancy Information
49/ N & K	Red	Bull Bred/Bull Due 2/20/27
50/ BT	Red	Bull Bred/Bull Due 2/20/27
51/ BT	Red	Bull Bred/Bull Due 2/20/27

LOT 25 | THREE BRED HEIFERS

Lot / Farm Tag	Color	Pregnancy Information
52/ N & K	Cream	Bull Bred/Heifer Due 2/20/27
53/ N & K	Cream	Bull Bred/Heifer Due 2/20/27
54/ N & K	Cream	Bull Bred/Heifer Due 2/20/27



LOT 26 | THREE BRED HEIFERS

Lot / Farm Tag	Color	Pregnancy Information
55/ D & D	Smokey	Bull Bred/Heifer Due 2/15/2027
56/ D & D	Smokey	Bull Bred/Bull Due 2/20/2027
57/ N & K	Smokey	Bull Bred/Bull Due 2/15/2027

LOT 27 | ONE BRED HEIFER

Lot / Farm Tag	Color	Pregnancy Information
58/ D & D	Smokey	Bull Bred/Heifer Due 2/20/2027

LOT 28 | TWO BRED HEIFERS

Lot / Farm Tag	Color	Pregnancy Information
59/ D & D	Smokey	Bull Bred/Bull Due 2/20/2027
60/ D & D	Smokey	Bull Bred/Bull Due 2/20/2027

LOT 29 | TWO BRED HEIFERS

Lot / Farm Tag	Color	Pregnancy Information
61/ D & D	Smokey	Bull Bred/Bull Due 2/20/2027
62/ D & D	Smokey	Bull Bred/Bull Due 2/20/2027



LOT 30 | TWO BRED HEIFERS

Lot / Farm Tag	Color	Pregnancy Information
63/ 5215	Cream	Bull Bred/Heifer Due 2/20/2027
64/ 5206	Cream	Bull Bred/Heifer Due 2/20/2027

LOT 31 | ONE BRED HEIFER

Lot / Farm Tag	Color	Pregnancy Information
65/ BT	Smokey	Bull Bred/Heifer Due 3/5/2027

LOT 32 | ONE BRED HEIFER

Lot / Farm Tag	Color	Pregnancy Information
66/ N & K	Cream	Bull Bred/Bull Due 3/5/2027

LOT 33 | ONE BRED HEIFER

Lot / Farm Tag	Color	Pregnancy Information
67/ 5223	Cream	Bull Bred/Sex Unknown Due 3/25/2027



Sons of LT ATLAS 0251



REF | **LT ATLAS 0251 PLD**
03/12/2020 M943509

LT LEDGER 0332 P
LT PATRIOT 4004 PLD

LK MISS RIO 2119

LT RUSHMORE 8060 PLD
LT MOLLY 7031 PLD

LT MOLLY 5339 PLD

CE	BW	WW	YW	MILK	TSI
18.3	-6.5	73	135	37	299

*Sale order on bulls will be listed on our website closer to sale date. They currently are listed by sire groups.

TAG 5A01 | **ANGELL THOMAS 5A01**
M1024588 8/9/2025 BW: 76

LT ATLAS 0251 PLD
LT PATRIOT 4004 PLD
LT MOLLY 7031 PLD
WC MILESTONE 5223 P
ANGELL THOMAS 0W01
ANGELL THOMAS 2L07

ADJ WW RATIO

104

ADJ YW RATIO

100

ADJ SCROTAL

31.8



CE	BW	WW	YW	MILK	TSI
11.9	-3.7	67	132	33	309

Tag 5A01 is sired by LT Atlas, the lead-off bull at the 40th Annual Lindskov-Thiel sale. Angell Thomas 5A01 is extremely deep ribbed and heavy muscled with a TSI of 309. This impressive TSI puts him in the top 4% of the breed. (PA Carrier)

TAG 5A03 | **ANGELL THOMAS 5A03**
M1024589 8/13/2025 BW: 75

LT ATLAS 0251 PLD
LT PATRIOT 4004 PLD
LT MOLLY 7031 PLD
WC MILESTONE 5223 P
ANGELL THOMAS 0W06
ANGELLS 6-117

ADJ WW RATIO

109

ADJ YW RATIO

93

ADJ SCROTAL

32.9



CE	BW	WW	YW	MILK	TSI
14	-3	70	121	30	285

If you're looking to sell feeder calves at weaning, take a look at 5A03. His weaning weight ratio is 109. Additionally, his TSI of 285 puts him in the top 25% of the breed.





TAG 5A04 | ANGELL THOMAS 5A04

M1024590 8/16/2025 BW: 85

LT ATLAS 0251 PLD
 LT PATRIOT 4004 PLD
 LT MOLLY 7031 PLD
 ANGELL THOMAS 0W13
 WC MILESTONE 5223 P
 ANGELLS 1-L24

ADJ WW RATIO
122
ADJ YW RATIO
99
ADJ SCROTAL
34



CE	BW	WW	YW	MILK	TSI
14.1	-2.7	76	129	41	306

Tag 5A04 is sired by Atlas and out of a Milestone daughter. He ranked #1 in his contemporary group for weaning weight and would be a great choice to add pounds to your calf crop. His TSI of 306 puts him in the top 5% of the breed.



TAG 5A07 | ANGELL THOMAS 5A07

M1024591 8/20/2025 BW: 84

LT ATLAS 0251 PLD
 LT PATRIOT 4004 PLD
 LT MOLLY 7031 PLD
 ANGELL THOMAS 8636
 ANGELL THOMAS 6N05
 ANGELL THOMAS 2L04

ADJ WW RATIO
108
ADJ YW RATIO
100
ADJ SCROTAL
33.9



CE	BW	WW	YW	MILK	TSI
15.4	-4.7	67	117	28	286

Tag 5A07 is a long-bodied, eye-appealing bull. His granddam is 14 years old and has had a fall calf every year. He has above-average EPDs across the board with a TSI in the top 20%.



TAG 5A09 | ANGELL THOMAS 5A09

M1024592 8/24/2025 BW: 86

LT ATLAS 0251 PLD
 LT PATRIOT 4004 PLD
 LT MOLLY 7031 PLD
 ANGELL THOMAS 5H07
 ANGELL'S 1G04
 ANGELL THOMAS 2F12

ADJ WW RATIO
100
ADJ YW RATIO
108
ADJ SCROTAL
31



CE	BW	WW	YW	MILK	TSI
8.9	-2.8	70	127	26	271

This bull has weaning and yearling weight EPDs in the top 30% of the breed. You will appreciate the disposition on all of our bulls.



Sons of BIEBER CHECKMATE K126



REF | BIEBER CHECKMATE K126
01/18/22 4620529

WFL FRANKLY F8276
LARR PAYCHECK 0728
LARR MISS CC FLOWER 7528
BIEBER CL STOCKMAN E116
BIEBER PRIMROSE 225H
BIEBER PRIMROSE 526D

TAG 5C06 | ANGELL THOMAS 5C06
8/18/2025 BW: 80



LARR PAYCHECK
BIEBER CHECKMATE K126
BIEBER PRIMROSE 225H
RCR HE'S THE ONE
ANGELL THOMAS 0801
ANGELL THOMAS 6T01

50% Charolais 50% Red Angus

ADJ WW RATIO
106
ADJ YW RATIO
100
ADJ SCROTAL
31.1

We are excited about our Bieber Checkmate sons. These composite bulls will provide hybrid vigor and improve overall calf performance and efficiency. Checkmate is moderately framed with added muscle shape and depth of rib. He ranks near the top for the performance traits of WW, YW, and ADG. These traits will be passed on to his sons, and 5C06 will be an excellent choice for a commercial producer.

TAG 5C11 | ANGELL THOMAS 5C11
8/18/2025 BW: 80



LARR PAYCHECK
BIEBER CHECKMATE K126
BIEBER PRIMROSE 225H
LT SUNDANCE 225I PLD
ANGELL THOMAS 7N02
ANGELLS 8E15

50% Charolais 50% Red Angus

ADJ WW RATIO
118
ADJ YW RATIO
102
ADJ SCROTAL
33.8

Another composite bull that brings together the maternal strengths and fertility of the Red Angus breed with the growth, muscle, and extra pounds of the Charolais breed. His weaning weight and yearling weight ratios are well above average.

TAG 5C21 | ANGELL THOMAS 5C21
8/24/25 BW: 86



LARR PAYCHECK
BIEBER CHECKMATE K126
BIEBER PRIMROSE 225H
ANGELL THOMAS 6N05
ANGELL THOMAS 9601
ANGELL THOMAS 4F03

50% Charolais 50% Red Angus

ADJ WW RATIO
121
ADJ YW RATIO
116
ADJ SCROTAL
32.2

Tag 5C21 is a heavy muscled bull that is deep-ribbed and has been a standout since birth. His performance ratios are top of the group, and we can't wait to see him go to work!

Sons of BROWN M4CC STOCKMARKET



REF | BROWN M4CC STOCKMARKET
01/18/22 4620529

PIE STOCKMAN 4051
BIEBER CL STOCKMARKET E119
BIEBER CL ADELLE 475C
HXC CONQUEST 4405P
M4CC CONQUEST REBA 409
BROWN MS P707 Y7845



TAG 5M14 | ANGELL THOMAS 5M14
9/24/25 BW: 80

BIEBER CL STOCKMARKET E119
BROWN M4CC STOCKMARKET J5821
M4CC CONQUEST REBA 409
ANGELL THOMAS 6N05
ANGELL THOMAS 8626
ANGELL THOMAS 3L03

50% Charolais 50% Red Angus

ADJ WW RATIO
110
ADJ YW RATIO
103
ADJ SCROTAL
31.1

Angell Thomas 5M14 is a grandson of Bieber Stockmarket. He is sure to add extra pounds to your calf crop on sale day. We have been very happy with the daughters and sons sired by Brown M4CC Stockmarket.



TAG 5M18 | ANGELL THOMAS 5M18
10/3/2025 BW: 80

BIEBER CL STOCKMARKET E119
BROWN M4CC STOCKMARKET
M4CC CONQUEST REBA 409
LT SUNDANCE 2251 PLD
ANGELL THOMAS 1N05
ANGELL THOMAS 3F07

50% Charolais 50% Red Angus

ADJ WW RATIO
116
ADJ YW RATIO
117
ADJ SCROTAL
31.1

This half-brother to tag 5M14 is another bull with excellent growth and performance. Bull 5M18 is the youngest bull in the sale but definitely needed to make an appearance on sale day!

Sons of DC/CRJ TANK E108 P



REF | DC/CRJ TANK E108 P
2/8/2017 M905524

BHD ZEUS X3041
BHD PERSEUS B65 P
LK MISS RIO 2119
SM ZYLEN A849 S
CRJ MS ZYLEN C1587
BHD MS TRADEMARK Z38

CE	BW	WW	YW	MILK	TSI
17.4	-3.2	69	151	40	329

TAG 5T06 | ANGELL THOMAS 5T06
M1024602 8/13/2025 BW: 82

BHD PERSEUS B65 P
DC/CRJ TANK E108 P
CRJ MS ZYLEN C1587
TR MR FIREWATER 8600U
ANGELL THOMAS 1F19
ANGELLS 8A14

ADJ WW RATIO
103
ADJ YW RATIO
105
ADJ SCROTAL
32.6



CE	BW	WW	YW	MILK	TSI
12.9	-1.9	54	114	44	295

We will be offering three DC/CRJ Tank E108 P sons in our sale. He currently has over 3,500 progeny recorded with the AICA. He is known for his high performance and growth. His TSI ranks in the top 1% of the breed, and he passes these genetic traits to his offspring. 5T06 can make a positive impact on your calf crop.

TAG 5T08 | ANGELL THOMAS 5T08
M1024603 8/16/2025 BW: 84

BHD PERSEUS B65 P
DC/CRJ TANK E108 P
CRJ MS ZYLEN C1587
WC MILESTONE 5223 P
ANGELL THOMAS 8615
ANGELLS 8A21

ADJ WW RATIO
92
ADJ YW RATIO
99
ADJ SCROTAL
31.7



CE	BW	WW	YW	MILK	TSI
14.5	-2.5	72	136	28	305

He has a solid set of EPDs across the board with a TSI of 305 putting him in the top 5% of the breed. These Tank sons can sire some stout smokey calves on your black cows. (PA Carrier)

TAG 5T14 | ANGELL THOMAS 5T14
M1024604 8/20/2025 BW: 84

BHD PERSEUS 865 P
DC/CRJ TANK E 108 P
CRJ MS ZYLEN C1587
LT SUNDANCE 2251 PLD
ANGELL THOMAS 1N02
ANGELL THOMAS 4F09

ADJ WW RATIO
115
ADJ YW RATIO
102
ADJ SCROTAL
33



CE	BW	WW	YW	MILK	TSI
10	0.1	74	144	35	307

If you are wanting to add pounds and performance to your calves take a look at 5T14. His yearling weight EPD of 144 puts him in the top 7% of the breed. His TSI of 307 puts him in the top 4% of the breed.

TAG 5P09 | ANGELL THOMAS 5P09

M1024607 9/30/2025 BW: 86

LT PATRIOT 4004 PLD
WF PATRIOT 2102 TW
WF MISS PERFORMER 692 PLD
TR MR FIREWATER 8600U
ANGELL THOMAS 4F11
ANGELLS 2491

ADJ WW RATIO
104
ADJ YW RATIO
103
ADJ SCROTAL
35.1



CE	BW	WW	YW	MILK	TSI
6.6	-1.2	71	122	22	277

5P09 is a LT Patriot grandson with a balanced set of EPDs and above average performance. He is a younger bull with a very nice profile.



USING EPDS FOR SELECTION

- **Calving Ease Direct (CE)** – is expressed as a difference in percentage of unassisted births in first calf heifers. A higher value indicates greater calving ease. It predicts the average difference in unassisted births with which a sire's calves will be born when bred to first-calf heifers.
- **Birth Weight EPD (BW)** – The expected difference in average birth weight (pounds) of progeny. Birth weight reflects prenatal growth.
- **Weaning Weight EPD (WW)** – The expected difference in average weaning weight of calves. The evaluation reflects the genetic influence on pre-weaning growth rate.
- **Yearling Weight EPD (YW)** – The expected difference in average yearling weight of progeny. The evaluation reflects genetic influence on both pre-weaning and post-weaning growth rate.

- **Maternal Milk EPD (Milk)** – The genetic ability of a sire's or dam's daughters to express in pounds of weaning weight in her calves due to her maternal ability through mothering instinct and milk.
- **Terminal Sire Index (TSI)** – The AICA Terminal Sire Index (TSI) is a formal method of combining Expected Progeny Differences (EPD) – BW, WW, YW, REA, CW, MARB and FAT – into one single value on which to base selection decisions. The TSI uses estimates of the genetic relationships between traits with an economic default value based on three year rolling USDA data.

NON PARENT EPD AVERAGES

CE	BW	WW	YW	MILK	TSI
11.1	-1.3	64.0	116.1	24.9	270.87

*Percentage bulls do not have EPDs that reflect their pedigree



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