University of Wyoming
High Altitude Bull Test & Sale
April 1, 2023 | Laramie, WY

Inaugural Event
Saturday - 10:00 AM
Educational Field Day
Private Treaty Sale
20 PAP Tested Bulls
Welcome Friends and Cattlemen,

We are excited to welcome you to the inaugural University of Wyoming High Altitude Bull Test and Sale and to offer an excellent set of bulls at the field day on Saturday, April 1st. This idea has been many years in the making and we finally decided to take the plunge. The mission of the bull test is to provide a unique learning experience for our students, provide valuable data and a venue for producers to market their bulls, and provide performance and PAP tested bulls for cow-calf producers across the region. Eight undergraduate and 3 graduate students participated in the class during the spring semester. Students had lectures and gained hands on experience in bull development, bull selection, breeding soundness exams, pulmonary hypertension, feed efficiency, and carcass ultrasound. Additionally, students developed marketing materials, clipped and pictured bulls, recorded data, and performed daily health checks.

For the first year, the focus was on PAP-tested bulls. However, beginning next year, the test will be longer and incorporate feed efficiency and performance testing in addition to PAP testing. Additionally, for this year, bulls are offered for sale via private treaty; however, in future years, we anticipate a more traditional live auction sale.

A big THANK YOU goes out to the people who worked hard to make this program happen. The UW Beef Unit at the Laramie Research and Extension Center, provided oversight of day-to-day management and oversaw the health program. Likewise, the graduate students involved, Bryson Mills, Garrett Nunn, and Chase Markel, did an excellent job coordinating activities and played an integral part in the success of the program this year. The undergraduate students involved in the class also did a great job assisting with bull management and helping with all aspects of the test. This team of individuals made this a fun and successful event. We would also like to express our deepest gratitude to our consigners and buyers, this program would not exist without you. We have high hopes for this program moving forward and appreciate your support!

We look forward to seeing you at the field day for the educational program and private treaty sale, and we thank you for your continued support of the University of Wyoming High Altitude Bull Test and Sale.

Thank you,

Scott Lake, Ph.D.
University of Wyoming Bull Test Advisor

Shelby Rosasco, Ph.D.
University of Wyoming Bull Test Advisor

Hannah Cunningham-Hollinger, Ph.D.
University of Wyoming Bull Test Advisor

Ben Hollinger
University of Wyoming Bull Test Advisor
1st Annual Bull Test & Sale
SATURDAY | 10 A.M.
April 1, 2023
At the UW Laramie Research and Extension Center
Cliff and Martha Hansen Teaching Arena

Schedule of Events:
Educational Program: 10:00 a.m.-12:00 p.m.
  Bull Selection -
  Landon Eldridge, UW Livestock Judging Team Coach
  Understanding PAP Testing -
  Chase Markel, UW Animal Science Master’s Candidate
  Interpreting and Using the new PAP EPD -
  Dr. Mark Enns, Colorado State University
Sale & Field Day Lunch: 12:00-1:30 p.m.
Bull Preview & Sale: 1:30-3:00 p.m.

Contact Information:
Shelby Rosasco - (209)753-8227
  or srosasco@uwyo.edu
Scott Lake - (307)460-8129
  or scott.lake@uwyo.edu
Ben Hollinger - (307)761-2811
  or bhollin2@uwyo.edu

Bull Test Advisors:
Scott Lake, Ph.D., Director UW-LREC
Shelby Rosasco, Ph.D., Beef Extension Specialist
Hannah Hollinger, Ph.D., Assistant Professor
Ben Hollinger, LREC Beef Unit Manager

Bull Team Members:
  Graduate Students:
  Chase Markel
  Bryson Mills
  Garrett Nunn
  Undergraduate Students:
  Crue Chivers
  Nick Wade
  Ryder Senior
  Blake Fabrizious
  Tel Malone
  Chance Cote
  Bella Shults
  Mark Walker

Acknowledgements:
We would like to extend our most sincere appreciation to Steve Paisley, Ph.D., Director of UW-SAREC, Drs. Carey Edwards and Dave Evertson of Alpine Animal Hospital, the University of Wyoming Ag Experiment Station, University of Wyoming Extension, and Animal Science undergraduate students Kagan Sims and Tyler Anderson for their time and services invested in the University of Wyoming High Altitude Bull Test and Sale.

A special thank you to Dr. Tim Holt, DVM, of Colorado State University for his expertise with brisket disease and pulmonary arterial pressure (PAP) testing. Finally, a very special thank you to all consigners who entered bull in the inaugural year of the test.
**Expected Progeny Difference (EPD):**

Expected Progeny Difference (EPD) is the prediction of how future progeny of each animal are expected to perform relative to progeny of other animals in the database. EPDs are expressed in units of the trait, plus or minus. Accuracy values are provided with the EPD and indicate the reliability of that EPD. An accuracy of close to 1.0 indicates higher reliability. This number is impacted by the number of progeny and ancestral records included in the analysis. EPDs should not be compared across breed prior to across-breed adjustments. Breed average for common EPD for Angus, Red Angus, and Simmental are provided on page 5.

Genomic-enhanced EPDs incorporate results from available genomic, or DNA, tests to increase reliability and accuracy of EPDs. Genomic tests available are specific to breed association.

**A. EPDs**

1. **Calving Ease (CED)** - Expressed as a difference in percentage of unassisted births, with a higher value indicating greater calving ease in first-calf heifers.

2. **Birth Weight (BW)** - Expressed in pounds, is a predictor of a sire’s ability to transmit birth weight to his progeny compared to that of other sires.

3. **Weaning Weight (WW)** - Expressed in pounds, is a predictor of sire’s ability to transmit weaning growth to his progeny compared to that of other sires.

4. **Yearling Weight (YW)** - Expressed in pounds, is a predictor of a sire’s ability to transmit yearling growth to his progeny compared to that of other sires.

5. **Maternal Milk/Milk (MILK)** - Expressed in pounds, is a predictor of a sire’s genetic merit for milk and mothering ability as expressed in his daughters compared to daughters of other sires. It is the part of a calf’s weaning weight attributed to milk and mothering ability.

6. **Stayability (STAY)** - Expressed as a percentage, predicts the differences in the ability of an animals’ retained daughters to remain productive in the herd and calve every year through 6 years of age.

7. **Marbling (MARB)** - Expressed as a fraction of the difference in USDA marbling score of a sire’s progeny compared to progeny of other sires.

8. **Ribeye Area (RE or REA)** - Expressed in square inches, is a predictor of the difference in ribeye area of a sire’s progeny compared to progeny of other sires.

**B. Breed Specific EPD and/or Index:**

- **Angus:**

  9. **Scrotal Circumference (SC)** - Expressed in centimeters, is a predictor of the difference in transmitting ability for scrotal size compared to that of other sires.

  10. **Pulmonary arterial pressure (PAP)** - Expressed in millimeters of Mercury (mmHg), with a lower EPD being more favorable, indicating a sire should produce progeny with a lower PAP score.

  11. **Maternal Weaning Calf Value ($M)** - An index expressed in dollars per head that predicts profitability differences from conception to weaning with the underlying breeding objective assuming that individuals retain their own replacement females within herd and sell the rest of the cull female and male progeny as feeder calves. Traits included are: CED, CEM, WW, MILK, HP, DOC, MW, Claw, and Angle.

  12. **Beef Value ($B)** - Represents the expected average dollar-per-head difference in the progeny post-weaning performance and carcass value compared to progeny of other sires. The $B value is comprised of two pieces: feedlot ($F) and grid value ($G).

  13. **Combined Value ($C)** An index, expressed in dollars per head, with the objective that producers will replace 20% of their breeding females per year with replacement heifers retained within their own herd. The remaining cull heifer and steer progeny are then assumed to be sent to the feedlot where the producers retain ownership of those cattle and sell them on a quality-based carcass merit grid. EPDs included are: CED, CEM, WW, YW, Milk, HP, DOC, MW, Angle, Claw, DMI, MARB, CW, REA and Fat.
**Red Angus**

14. **Maintenance Energy (ME)** - Expressed in Mcal per Month, is a predictor of the difference in maintenance energy requirement.

15. **Yield Grade (YG)** - Predicts difference in USDA Yield Grade score and is expressed in USDA Yield Grade units. Calculated using genetic predictions of CW, REA, and FAT EPDs.

16. **Profitability and Sustainability (ProS)** - An index expressed in dollars per head born. ProS is an all-purpose Index that predicts the average economic differences in all segments in the beef supply chain. A combination of the breeding objectives modeled in the HerdBuilder and GridMaster selection indexes. In this index it is assumed that 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 are: calving ease, growth, HP, STAY, MW, DMI, and carcass traits.

17. **HerdBuilder (HB)** - An index expressed in dollars per head born. HB is a maternal selection index that predicts the economic differences of animals for traits that are important from conception through weaning. It is calculated based on the scenario that bulls are mated to heifers and cows, replacement females are retained and all remaining progeny are marketed at weaning. Traits included are: CED, CEM, WW, Milk, MW, HP, and STAY.

**Simmental**

18. **Docility (DOC)** - Percent of offspring achieving a docile (1) score.

19. **Yield Grade (YG)** - Predicts difference in USDA Yield Grade score and is expressed in USDA Yield Grade units. Calculated using the genetic predictions of CW, REA and FAT EPDs.

20. **All-purpose Index (API)** - An index expressed in dollars per cow exposed. API evaluates sires for use on the entire cow herd (bred to both Angus first-calf heifers and mature cows) with the portion of their daughters required to maintain herd size retained and the remaining heifers and steers put on feed and sold grade and yield.

21. **Terminal Index (TI)** - An index expressed in dollars per cow exposed. TI evaluates sires for use on mature Angus cows with all off-spring put on feed and sold grade and yield.

C. **Performance Records:**

1. **Actual Birth Weight (Act. BW)** - Actual birth weight of the animal.

2. **Adjusted 205 (Adj 205)** - Adjusted 205 day weaning weight.

3. **Weaning Weight (WW)** - Unadjusted weaning weight.

4. **Initial Test Weight (Int Wt)** - Body weight of animal taken on February 10, 2023 at initiation of test.

5. **Final Test Weight (Final Wt.)** - Body weight of animal taken on March 24, 2023 at completion of test.

6. **Average Daily Gain (ADG)** - Average daily gain in lbs during the 42-day weigh period.

7. **Pulmonary Arterial Pressure (PAP)** - Expressed in millimeters of Mercury (mmHg). Measurement of pressure in the pulmonary artery collected by Dr. Tim Holt.

8. **Ribeye Area (REA)** - Ultrasound measurement of ribeye measured between the 12th and 13th rib, expressed in square inches.

9. **Intermuscular Fat (IMF%)** - An objective measurement of marbling in live cattle.

10. **Backfat (BF)** - Measured between the 12th and 13th ribs and is an estimate of the external fat on the animal, expressed in inches.

11. **Scrotal Circumference (SC)** - Measured in centimeters by the veterinarian.

**Breed Association Averages for Non-parent Bulls**

<table>
<thead>
<tr>
<th></th>
<th>CED/CE</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>SC</th>
<th>MILK</th>
<th>STAY</th>
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<td>+1.2</td>
<td>+61</td>
<td>+108</td>
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<tr>
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<td>+116.4</td>
<td>-</td>
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About The Bulls...

This is the inaugural year of testing bulls at the University of Wyoming. The High Altitude Bull Test is a breeder-financed test that strives to evaluate and improve the quality of beef cattle. This year’s test had 40 bulls enrolled from 9 consigners, with 20 bulls consigned for sale through the test. Bulls were evaluated based on risk for development of pulmonary hypertension (brisket disease) associated with pulmonary arterial pressure (PAP), carcass ultrasound characteristics, and reproductive soundness criteria.

HOW BULLS HAVE BEEN HANDLED

Bulls are managed in small groups in drylot pens at the Laramie Research and Extension Center. They are being fed a total mixed ration (TMR) that is 65% concentrate, consisting of dried distiller’s grains, soybean meal, and whole corn, and 35% high-quality grass hay. The ration is formulated so the ADG of all bulls will be approximately 2.5 pound per day. Health was monitored daily by students in the class to ensure the health of all bulls involved in the test. Bulls were weighed every 14 days to monitor performance over the testing period.

PULMONARY ARTERIAL PRESSURE (PAP) INFORMATION

<table>
<thead>
<tr>
<th>PAP Score</th>
<th>Use at Low Elevation (&lt;4000 feet)</th>
<th>Use at Moderate Elevation (4000-5000 feet)</th>
<th>Use at High Elevation (5500-7500 feet)</th>
<th>Use at Extreme Elevation (&gt;7500 feet)</th>
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<tbody>
<tr>
<td>34-45</td>
<td>Low Risk</td>
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<td>Moderate Risk</td>
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<tr>
<td>&gt; 50</td>
<td>Moderate Risk</td>
<td>Moderate Risk</td>
<td>High Risk</td>
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* When selecting an animal based on a PAP measurement, other factors besides those listed above should be considered such as genetics or pedigree, PAP EPD, Systolic/Diastolic pressures, breed, and previous illness.
* Special consideration should be given to the amount of time the animal was exposed to elevation (>5500 ft.) prior to testing. The predictability and repeatability of the PAP measurement improves with longer exposure to higher elevation (minimum of 4 weeks is required).
* This chart is based on animals greater than 10 months of age. Testing older animals (>12 months) results in a measurement with higher predictability and repeatability.

Terms & Conditions

1. Any changes in the sale book will be announced at the field day and shall take precedence.
2. All purchases need to be settled between seller and buyer. A certificate of registry and transfer will be furnished for the purchaser for each animal sold by the seller.
3. All cattle are eligible for shipment anywhere in the United States, although some states may require additional testing prior to shipment.
4. TRANSPORTATION: Transportation is the responsibility of the purchaser.
5. Fertility Tested and Guaranteed: Complete semen and scrotal evaluations performed on all bulls by Alpine Animal Hospital (Laramie, WY) during the second week of March.
6. LIABILITY: All persons attending the field day and sale do so at their own risk and assume all liability for accidents or injuries which may occur.
7. TERMS OF THE SALE: Terms of the sale are cash. Payment for cattle is expected to be in full at the conclusion of the sale unless arrangements have been made prior to sale. All breeding guarantees are between the buyer and the seller.
8. The above guarantees and terms of sale shall constitute a contract between the buyer and seller of each lot and shall be equally binding upon both. Neither University of Wyoming nor any other person connected with the management of the sale assumes any liability, legal or otherwise.
## Final Test Report

<table>
<thead>
<tr>
<th>Animal ID</th>
<th>Consignor</th>
<th>Breed</th>
<th>Int. Wt, lb</th>
<th>Final Wt, lb</th>
<th>ADG, lb/d</th>
<th>SC, cm</th>
<th>PAP, mmHg</th>
<th>REA, in²</th>
<th>IMF, %</th>
<th>BF, in</th>
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### HOW TO USE THE QR CODES IN THIS CATALOG:

The codes will take you directly to videos for each bull. To use the QR code with your phone:

1. Open the camera on your smartphone.
2. Point your camera at the QR code in the catalog, then tap on the link that appears.
3. The video of the bull will begin playing with the bull number and consigner listed in the bottom right corner.
About the JOH Ranch...

“After taking a leap of faith 6 years ago, we haven’t looked back. We started with two bred Registered Black Angus as Christmas gifts for our boys. Since then, we have grown and diversified our herd. Our family has been ranching Meeteetse for over a century and we are blessed to follow suit. Dad Scott was instilled the love of ranching early in life by Grandpa John Hogg. While not always easy, it is a labor of love.

Diversifying our herd genetics was important to us. We now have genetics originating from Hogg’s Angus, Obsidian Angus, and Booth Cherry Creek Angus cows. We believe our bulls have a unique design and will produce excellent offspring for years to come.”

Students in the High Altitude Bull Test class had the opportunity to work with bulls daily and gain valuable hands on experience in animal handling, nutrition, reproduction, and in the management and development of bulls.
**JOH Mainstay F21**

**Angus**

DOB: 1/13/2022  
REG: AAA 20531898

Connealy Consensus  
Connealy Mainstay  
Jayce of Conanga 318E  
WR Journey-1X74  
Cherry Crk Ella F21 S  
Cherry Crk Ella 1040 S

<table>
<thead>
<tr>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
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<td>+5 (.23)</td>
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<th>MARB</th>
<th>RE</th>
<th>$M</th>
<th>$C</th>
<th>$B</th>
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<tr>
<td>+1.93 (.05)</td>
<td>+.65 (.05)</td>
<td>+.65 (.05)</td>
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Int Wt | Final Wt | PAP | REA, in² | IMF, % |
<table>
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<td>78</td>
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**JOH Enforcer E812 D3**

**Angus**

DOB: 1/21/2022  
REG: AAA 20531634

SydGen Exceed 3223  
SydGen Rita 2618  
S S Enforcer E812  
S S Miss Daybreak K011 3K17  
21AR Roundup 7005  
Cherry Crk Dianna D3  
Ms CCR Dianna 3257 5372 M

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<th>RE</th>
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<th>$C</th>
<th>$B</th>
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Int Wt | Final Wt | PAP | REA, in² | IMF, % |
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<td>77</td>
<td>700</td>
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**JOH Ashland 2509**

**Angus**

DOB: 1/26/2022  
REG: AAA 20531936

G A R Early Bird  
G A R Ashland  
Chair Rock Ambush 1018  
MCC Daybreak  
Cherry Crk Dianna 5372 2509M  
Ms CCR Dianna 3257 5372 M

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<td>+13 (.24)</td>
<td>-.6 (.34)</td>
<td>+66 (.30)</td>
<td>+118 (.23)</td>
<td>+.62 (.05)</td>
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<td>-.84 (.05)</td>
<td>+1.00 (.05)</td>
<td>+.82 (.05)</td>
<td>+59</td>
<td>+264</td>
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Int Wt | Final Wt | PAP | REA, in² | IMF, % |
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<td>685</td>
<td>1024</td>
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High Altitude Bull Test
About Lake Livestock...

“Ruth and Scott Lake and their kids, Alexis, Kolton, Riley, and Jadyn, raise and develop Angus, Simmental, and Simangus cattle in Laramie, WY. They are focused on producing structurally correct cattle that work at elevation with a balanced combination of growth and maternal traits.”

Thank you to our sponsor:

Madison Shults  madison.shults@merck.com  970-208-5545
**Angus RS Ashland 307**

**DOB:** 2/11/2022  **REG:** AAA 20588287

Plattemere Weigh Up K360  
Stevenson Turning Point  
G A R Ashland  
Cherry Crk Ella F21 S  
Go MS Diverse 97F

Sitz Upward 307R  
Barbara of Plattemere 337  
S A V Bismarck 5682  
FSHK Pride 180  
G A R Early Bird  
Chair Rock Ambush 1018  
K C F Bennett Diverse  
Go MS Payweight 97C

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<td>+1.71</td>
<td>.54</td>
<td>+6.9</td>
<td>+83</td>
<td>+261</td>
<td>+137</td>
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<td>78</td>
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**Simmental DH902K**

**DOB:** 3/5/2022  **REG:** ASA 4176423

W/C LOADED UP 1119Y  
BTYL DOC HOLLIDAY 202G  
JS BLACK SATIN 9B  
SC PAY THE PRICE C11  
ZEVA-13G  
004PU

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<td>+7.3</td>
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<tr>
<td>+6.4</td>
<td>-32</td>
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<td>-72</td>
<td>98.1</td>
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<td>82</td>
<td>-</td>
<td>971</td>
<td>1131</td>
<td>37</td>
<td>12.31</td>
<td>2.65</td>
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**Simmental SAM 801K**

**DOB:** 3/23/2022  **REG:** ASA 4176422

W/C RELENTLESS 32C  
JSUL SOMETHING ABOUT MARY 8421  
YARDLEY HIGH REGARD W242  
REMIN TON LOCK N LOAD54U  
MISS WERNING KP 8543U  
LEE`S OUTLAW 8088  
LEES DIXIE ERICA 9080

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<td>+12.4</td>
<td>+0.7</td>
<td>+72.2</td>
<td>+112.7</td>
<td>+18.2</td>
<td>+13.5</td>
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<tr>
<td>-11.7</td>
<td>-0.28</td>
<td>+0.2</td>
<td>+77</td>
<td>+118.8</td>
<td>+72.1</td>
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<tr>
<td>84</td>
<td>-</td>
<td>994</td>
<td>1137</td>
<td>38</td>
<td>11.26</td>
<td>2.96</td>
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We would like to extend our appreciation to all of the consigners and buyers for supporting the High Altitude Bull Test and Sale program.

About Wishbone Simmental...

“Wishbone Simmental is operated by Jared and Wendy Boardman. We run 400 head of commercial cattle as well as our registered herd. We run cows on everything from irrigated pasture to 9,000 ft forest service permits in the summer. In the winter most of the cows graze out on high desert BLM while some see the silage wagon. With such a high variety of environments we demand a lot from our cows and we have found moderate framed, easy fleshing, good footed cows work in any environment. We come from a live-stock judging background so we demand high quality phenotype from our bulls but our goal is to pair that with functional EPD’s.”
**1/2 Simmental**

**W/B OTM 008K**

DOB: 3/4/2022  
REG: ASA 4080239

**JASS ON THE MARK 69D**  
JASS SABLE’S TIME 53X

**REMINGTON LOCK N LOADS4U**  
AUBREYS BLACK BLAZE III

**HTP SVF IN DEW TIME**  
RSF SABLE 1223R

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<td>+109.1</td>
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**1/2 Simmental**

**W/B FW 401K**

DOB: 3/14/2022  
REG: ASA 4080248

**JSSC CURRENCY 003C**  
FBFS 064E

**FBFS BEYONCE 035B**  
JSSC WIDE BODY 090W

**KRIEGERS CAROLINA 3SZ**  
SANDEEN UPPER CLASS 2386

**FBFS X-CLAMATION 76X**

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<td>+84.6</td>
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<td>+8.9</td>
<td>-17</td>
<td>-.10</td>
<td>+.41</td>
<td>+92.5</td>
<td>+73.2</td>
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**Int Wt**  
**Final Wt**  
**PAP**  
**REA, in²**  
**IMF, %**

**Act. BW**  
**Adj 205**

- 614  
1032  
1144  
63  
12.64  
3.47

**GE-EPDs**

---

**High Altitude Bull Test**

13
About Fabrizius Land & Cattle...

“Fabrizius Land & Cattle is family owned and operated by Brian and Blake Fabrizius of Carr, CO. Originally a commercial cow-calf operation that has now started to incorporate registered Simmental and SimAngus genetics as a seedstock producer. They focus on generating herd sires that excel phenotypically but don’t disappoint on paper as well as replacements that are functional and practical for our part of the country.”

083K
PB Simmental
FABZ PRINCE 083K
DOB: 3/11/2022
REG: ASA 4037824

CNS DREAM ON L186
WLE UNO MAS X549
SHAWNEE MISS 770P
KMCC/K-LER GAME ON
KLER RAIN MARIE 083H
K-LER RAIN MARIE

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<td>+12.3 (41)</td>
<td>-0.2 (44)</td>
<td>+56.4 (42)</td>
<td>+77.4 (42)</td>
<td>+19.7 (19)</td>
<td>+14.1 (34)</td>
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DOC YG MARB REA API TI
+7.9 (40) -0.42 (33) +24.38 +57.40 +127.3 +69.2

Act. BW WW Int Wt Final Wt PAP REA, in² IMF, %
77 720 1182 1252 66 13.28 3.74

85K
PB Simmental
FABZ/HLL KASH 106K
DOB: 2/8/2022
REG: ASA 4092707

HTP/SVF DURACELL T52
GSC GCCO DEW NORTH 102C
WELSH’S SCARLET 161Z

PROFIT
KLER DOLLY’S PROFIT G24
GW MISS GPRD 028X

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<td>+14.1 (43)</td>
<td>+0.2 (46)</td>
<td>+82.7 (44)</td>
<td>+113.9 (44)</td>
<td>+21.9 (18)</td>
<td>+15.3 (34)</td>
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DOC YG MARB REA API TI
+12.5 (42) -26 (33) -17.39 -36.40 +136.3 +82.2

Act. BW Adj 205 Int Wt Final Wt PAP REA, in² IMF, %
84 746 1229 1294 41 13.85 3.88
**About MLIVE Beef Genetics...**

“MLIVE Beef Genetics is a diversified seedstock operation located in Laramie, Wyoming that raises and markets Red Angus, Charolais and Simmental genetics while also offering consulting, semen sales and ET services. This operation is primarily focused on raising elite females, but also takes pride in their bull progeny that excel phenotypically yet are backed with impressive genetic predictors and proven pedigrees.”

---

**002K**

Red Angus

**MLIVE SPARTAN 002**

DOB: 2/27/2022

REG: RAAA 4576251

BIEBER SPARTAN A193

BIEBER SPARTAN E639

BIEBER HARD DRIVE Y120

BIEBER TILLY 563E

BIEBER TILLY 233U

BIEBER ROUSE SAMURAI X22

VGW OLY 903

OLC RENEE 5188

LACY GOLD BAR 8123

LCOC HIGH NOON A093R

BIEBER LAURA 158W

BIEBER TILLY 7334

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<td>+14  (42)</td>
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<td>+61 (45)</td>
<td>+90 (45)</td>
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<td>-3 (12)</td>
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<td>771</td>
<td>944</td>
<td>43</td>
<td>9.27</td>
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*GE-EPDs

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**About 002K:**

002K is a moderate framed Spartan son who boasts an impressive genetic script that outlines his potential to generate progeny worth sorting into the replacement pen. His mother is running out of miles and doesn’t milk like she once did, but 563E goes back to one of the most famous cow families the Bieber ranch has generated. The Tilly 233U line is known for their quality, and includes several stud bulls like Spartacus A193.
Maggie McStay

Sheridan, Wyoming
Phone: (307)690-6836

About Maggie McStay...

“Maggie McStay is currently a sophomore at Black Hawk East and an All American member of the livestock judging team. She is developing her own cattle herd from registered females she showed in FFA and 4-H. This spring she will be breeding four registered Red Angus and one Hereford. This bull, “McEntire”, is out of “Reba”, one of her registered reds.

K22
Red Angus (1B)

MCENTIRE

DOB: 3/15/2022
REG: RAAA 4695977
BECKTON EPIC R397 K
LSF MINOLA T7172 W9041
HXC CONQUEST 4405P
TKP BONNE BEL 9031
PIE THE COWBOY KIND 343
TKP JEANETTE 9112
BIEBER ROLLIN DEEP Y118
BD3P DURHEIM 931

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<td>-1.6 (27)</td>
<td>+68 (26)</td>
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<td>+28 (20)</td>
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<td>+12 (19)</td>
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Act. BW Adj 205
70 684

Int Wt Final Wt PAP REA, in² IMF, %
937 1102 70 11.20 2.97

The goal of the High Altitude Bull Test is to provide producers and breeders in the region an opportunity to assess bulls for risk of pulmonary hypertension (brisket disease) and suitability of bulls to serve producers at high-altitude.
### 4915
1/2 Simmental

**Commercial SimmAngus**

**DOB:** 3/14/2022  
**REG:**

- HOOVER DAM  
  CCR Boulder 1339  
  CCR MS L TAYLOR 1339Y  
- SYDGEN C C & 7  
  ERICA OF ELLSTON C124  
  TRIPLE C L. TAYLOR  
  CCR 0135 STAR 7103T

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<td>1090</td>
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### 1034
1/2 Simmental

**Commercial SimmAngus**

**DOB:** 3/12/2022  
**REG:**

- HOOVER DAM  
  CCR Boulder 1339  
  CCR MS L TAYLOR 1339Y  
- SYDGEN C C & 7  
  ERICA OF ELLSTON C124  
  TRIPLE C L. TAYLOR  
  CCR 0135 STAR 7103T

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<td>620</td>
<td></td>
<td>956</td>
<td>48</td>
<td>11.06</td>
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1589
1/2 Simmental Commercial SimmAngus
DOB: 3/30/2022 REG:
BRIDLE BIT CALVARY C503
BRIDLE BIT ECLIPSE E744
BRIDLE BIT MISS A327
CCR FRONTIER 0053Z
BRIDLE BIT MISS X058
BAR CK TEBOW 1006X
BRIDLE BIT MISS Y183

2608
5/8 Simmental Commercial SimmAngus
DOB: 3/7/2022 REG:
PROFIT
KMJ HUSKER 814
KMJ MISS COWGIRL 264
WS PILGRIM H182U
WAGR PANARAMA 204Z
KMJ REVERSE COWGIRL
KMJ MISS BEAR CHOP 056

6588
1/2 Simmental Commercial SimmAngus
DOB: 2/23/2022 REG:
HOOK’S EAGLE 6E
RAML RAPTOR 9693G
RAML FRONT& CENTER 693D
HOOK’S BLACK HAWK 50B
HOOK’S CRYSTAL 1C
W/C FRONT AND CENTER 825Y
RAML DREAM CATCHER 376A
1/2 Simmental  **Commercial SimmAngus**

**DOB:** 3/15/2022  
**REG:**

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- **HOOVER DAM**
  - CCR Boulder 1339
  - CCR MS L TAYLOR 1339Y

- **SYDGEN C C & 7**
  - ERICA OF ELLSTON C124
  - TRIPLE C L. TAYLOR
  - CCR 0135 STAR 7103T

**Reference Sires for Commercial SimmAngus Bulls:**

### 1/2 Simmental

#### CCR Boulder 1339A

**DOB:** 8/31/2013  
**REG:** ASA 2880390

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<th>MILK</th>
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<tr>
<td>+15.0 (.87)</td>
<td>-2.3 (.94)</td>
<td>+70.4 (.93)</td>
<td>+110.1 (.93)</td>
<td>+21.8 (.81)</td>
<td>+14.9 (.70)</td>
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#### PB Simmental

**DOB:** 1/11/2018  
**REG:** ASA 3542175

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<tr>
<td>+7.5 (.56)</td>
<td>+2.8 (.71)</td>
<td>+70.1 (.63)</td>
<td>+95.9 (.62)</td>
<td>+14.1 (.19)</td>
<td>+13.8 (.34)</td>
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#### 5/8 Simmental

**DOB:** 2/2/2019  
**REG:** ASA 3648745

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<tr>
<td>+14.1 (.56)</td>
<td>-1.1 (.65)</td>
<td>+93.3 (.60)</td>
<td>+145.7 (.60)</td>
<td>+21.2 (.23)</td>
<td>+16.6 (.33)</td>
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## 1/2 Simmental  **BRIDLE BIT ECLIPSE E744**

**DOB:** 2/4/2017  
**REG:** ASA 3271380

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<tr>
<td>+23.7 (.74)</td>
<td>-6.3 (.85)</td>
<td>+79.3 (.82)</td>
<td>+129.4 (.82)</td>
<td>+31.1 (.39)</td>
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#### KMJ HUSKER 814

**DOB:** 2/2/2019  
**REG:** ASA 3648745

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</thead>
<tbody>
<tr>
<td>+18.9 (.51)</td>
<td>-0.40 (.36)</td>
<td>+0.48 (.40)</td>
<td>+0.95 (.43)</td>
<td>+155.1</td>
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#### 5/8 Simmental

**DOB:** 2/2/2019  
**REG:** ASA 3648745

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<tr>
<td>+84</td>
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**High Altitude Bull Test**

**19**
Saturday, April 1, 2023
10:00 a.m. - 3:00 p.m.
Laramie Research & Extension Center

Educational Field Day
Private Treaty Sale of 20 PAP Tested Bulls
Angus - Simmental
Angus - Red Angus - Simmental