Cowboy Classic

40th Annual Production Sale

Sunday, April 7, 2019

OKLAHOMA STATE UNIVERSITY PUREBRED BEEF CATTLE CENTER
1 P.M., STILLWATER, OKLAHOMA
Students employed by the OSU Purebred Beef Cattle Center during the 2018–2019 school year...

Back row, left to right: Jason Anderson, Escalon, CA; Natalie Hawkins, Atwood, KS; Amanda Thomas, Colusa, CA; Rex Standridge, DeQueen, AR; Jake Barnes, Grove, OK; Ivan Thomas, Jr., Lawton, OK; Jacob White, Sealy, TX; Parker Cantrell, Skiatook, OK.

Front row, left to right: Moriah Donica, Diamond, MO; Erica Auchard, Council Grove, KS; Nick Roach, Dekalb, IL; Shelby Weinrich, Willows, CA.
Dear Friends and Fellow Cattlemen:

On behalf of the OSU Purebred Beef Cattle Center and our Department of Animal Science, welcome to the 40th Annual OSU Cowboy Classic Sale. We look forward to showing you this outstanding sale offering! As always, we are very excited about the sale, and we have an outstanding group of cattle to offer. **We hope you can join us at the Farm Credit Associations of Oklahoma and CoBank Purebred Beef Cattle Sale Facility on Sunday, April 7th, 2019 at 1 p.m.**

This sale features OSU’s 2019 National Western Stock Show Reserve Grand Champion Pen of Three Angus Heifers. These females include two flush-mate sisters by HA Cowboy Up 5405. Some other females highlighted are the young, productive two-year-old pairs—most of their calves are sired by some of the most popular AI sires to date and have been registered. Something new this year, most all the calves have GE-EPDs printed in this sale catalog. Also offered is a set of Angus fall halter heifer prospects comparable to any you can find.

This is an outstanding set of bulls being offered as well. They are sound, powerful and problem free while offering reliable genetics that will add value to your cow herd and keep your operation profitable. All bulls sell backed by our breeding soundness guarantee. Angus, Hereford, Simmental and Brangus bulls sell.

You will notice that virtually all of the Angus cattle in the sale have Zoetis 50K or Angus GS tested and accordingly sell with genomic-enhanced Expected Progeny Differences (GE-EPDs). We strongly believe this technology offers you increased confidence as a buyer that the genetics you are investing in will meet your expectations. GE-EPDs are the most accurate genetic predictions possible for non-parent yearling bulls and heifers.

We would like to thank all of the student employees for the efforts they put in throughout the year at the Purebred Beef Center. We would also like to welcome Will Harsh to our team. Will is managing the Purebred Range and doing a phenomenal job. We appreciate all of our loyal customers, past and present, and the support that they give to the Purebred Beef Center. They make it possible to sustain this operation so that we can continue to offer OSU students the unique educational experiences that create greater demand for their services upon graduation.

At OSU, we remain committed to customer satisfaction and believe that this offering can be of benefit to any operation. Please call Jeremy, Mark or Will if we can be of any service or answer any questions you may have about these cattle.

We look forward to seeing you Sunday, April 7th, if not before. Please stop in for a viewing of the sale cattle at your earliest convenience!

Thanks again for your interest and continued support of our program.

Mark Johnson
Jeremy Leister

Videos online prior to sale day: LiveAuctions.tv

Join us in Stillwater for the annual OSU Animal Science Weekend!
See page 3 for a complete schedule of events for the 2019 OSU Animal Science Weekend
Invited Guests and Representatives
Dr. Clint Rusk  Head of Department of Animal Science,
Oklahoma State University
Dr. Don Wagner  Emeritus Head of Department of Animal Science,
Oklahoma State University
John Pfeiffer  President, American Angus Assn.
Joel Birdwell  Vice President, American Hereford Assn.
Dr. Barry Pollard  Director, American Angus Assn.
Mark Sexton  President, Oklahoma Angus Assn.
Jarold Callahan  Executive Director, Oklahoma Angus Assn.
Steven Curry  President, Oklahoma Hereford Assn.
Jeff White  President, Oklahoma Simmental/Simbrah Assn.
Jack Gorczyca  President, Oklahoma Brangus Breeders Assn.
Weston Givens  President, Oklahoma Cattlemen’s Assn.
Michael Kelsey  Executive Vice President, Oklahoma Cattlemen’s Assn.

Sale Staff
Jim Birdwell  Auctioneer—(580) 695-2352
Jeff Mafi  Angus Journal—(816) 344-4266
Doug Paul  The Stock Exchange—(405) 840-3915; c 820-3982
Chisolm Kinder  Oklahoma Cattman—(405) 235-4391; c 747-4683
Matt Sims  Matt C. Sims Auction, Inc.—(405) 641-6081
Dustin Layton  Layton Auction Services, LLC—(405) 464-2455
Delvin Heldermon  Heldermon Enterprises—(405) 205-1116
Juston Stelzer  Stelzer Services—(817) 992-7039

Absentee Bids
If you would like to place a bid on any lot but cannot attend the sale, please contact Jeremy Leister, Mark Johnson or any member of the sale staff. Live bidding will also be available for registered bidders via LiveAuctions.tv.

Terms of Sale
CASH. Each animal will be sold to the highest bidder. The auctioneer in charge will settle any dispute as to bids. All cattle are to be paid for by the purchaser during or immediately following the sale and will not be released until after settlement has been made. Cattle will not be transferred until paid for in full.

OSU Bursar’s Office Policy and Procedures
There will be a finance charge computed at a periodic monthly rate of 1.5% per month, or an APR of 19.56%, on any unpaid balance. All accounts with an unpaid balance will be assessed a minimum finance charge of $.50 per month. Bursar accounts are assessed a finance charge after 30 days past the due date on any remaining unpaid balance that has been billed.

Registration Certificates
The animals will be transferred to the buyer at the seller’s expense. Each buyer must be sure to give the sale clerk the proper name and address for making transfers. All calves born before the sale have been registered by the seller; proper breeding statements will be signed by the seller for the buyer to use in registering calves born after the sale.

Herd Health
The health of the cattle is excellent. Health papers will be furnished for interstate shipment. OSU is a Brucellosis-Certified and Tuberculosis-Accredited herd. All bulls have received a physical examination consisting of scrotal circumference measurement, rectal palpation and penis and prepuce examination and were semen tested March 19, 2019.

We practice an extensive herd health program at OSU. Prior to weaning, calves receive two rounds of Express FP5, Caliber 7, Covexin 8, Prenepse HM and Cydectin Pour-On; after weaning, they are de-wormed with Ivermectin Injectable. Breeding-age females receive Express FP3 VLS, Lepto 5 and Calder 7 and are poured with Cydectin. Bulls are also poured with Cydectin as yearlings.

Trucking
We work with many reputable trucking companies and will be happy to assist you with making arrangements for the delivery of your purchases. This is all done at the expense of the buyer. We recommend that insurance be obtained on lots purchased.

About the Cowboy Classic
2

Motel Accommodations
Several motels are available in Stillwater. Two of the more conveniently located are the LaQuinta Inn & Suites, (405) 564-0599, and the Holiday Inn Express, (405) 372-2445.

Air Transportation
Stillwater Municipal Airport has complete services and facilities to accommodate any size aircraft. Major terminals at Oklahoma City and Tulsa are approximately 75 miles from Stillwater and are served by many major airlines.

Acknowledgements
Embryo Transplant Services  Four Corners Embryo Transfer, Langley, OK
Veterinarian  White Vet Services, Cushing, OK, Drs. Brett & Tommy White  (918) 225-8061
Ultrasound  Chad Gordon, Ultrasound Technologies  (580) 549-4093; c  (580) 678-1918
Sale Cattle Photography and Videos  Ky Stierwalt  (580) 302-3005
Sale Advertising and Catalog  Southwest TypeStyles  (405) 317-1743

Cover art created by Allison Burenheide

40th ANNUAL COWBOY CLASSIC
1 P.M., SUNDAY, APRIL 7, 2019
Thank You!

FOR SUPPORTING OSU

SPECIAL THANKS TO THE 2018 COWBOY CLASSIC BUYERS!

Kyra Bentley  Buffalo, OK
Castonguay Farms  Omega, OK
Ryan Callahan  Edmond, OK
Carpenter Ranch  Jacksboro, TX
John Dean  Glenwood, IA
Jary & Marsha Douglas  Grove, OK
Pete Frijters  Brunner, ON
Chris Hildebrand  Templeton, CA
Philip Hullum  Caddo, OK
JDJ Cattle Co.  Ponca City, OK
R. Johnson Land & Cattle  Perryton, TX
Delbert Joyner  Carrier, OK
Bruce Key  Wayne, OK
Gary Klusemeyer  Perry, OK
Shay Klusemeyer  Perry, OK
Alex Laubach  Okeene, OK
Mello D Hereford Farms  Lawton, OK
Moffat Farms  Lexington, OK
MR Cattle  Madill, OK
Gene Natali  Lake Charles, LA
Mark Nelson  Cleveland, OK
Pfeiffer Farms  Mulhall, OK
Pleasant Hill Farms  Rockfield, KY
Pollard Farms, LLC  Waukomis, OK
Quapaw Farms  Sparks, OK
R&R Farms  Stillwater, OK
S&S Farms  Franklinton, LA
Scrap Iron Cattle Co.  Stillwater, OK
SD Angus  Marlow, OK
S3 Farms  Kingfisher, OK
Justin Strate  Fairmont, OK
Strate Ranch  Marshall, OK
Townsend Brangus  Milburn, OK
Turner Farms, LLC  Amber, OK
Thomas Walraven  Coyle, OK
Owen Westfahl  Okeene, OK
Wetteman Ranch  Stillwater, OK
Blake Wilson  Coyle, OK
UNLESS OTHERWISE EXPRESSLY STATED IN THESE SALE TERMS AND CONDITIONS OR ANY OTHER WRITTEN AGREEMENT BETWEEN THE PARTIES RELATING TO THE SALE OF CATTLE UNDER THESE SALE TERMS AND CONDITIONS, OKLAHOMA STATE UNIVERSITY (OSU) MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EVEN IF SUCH PURPOSE IS KNOWN TO THE PARTIES.

THE REMEDIES PROVIDED IN THESE SALE TERMS AND CONDITIONS ARE THE EXCLUSIVE REMEDIES OF THE BUYER, OR ANY PARTY CLAIMING THROUGH THE BUYER, AND UNDER NO CIRCUMSTANCES WILL OSU BE LIABLE FOR ANY INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES UNDER ANY INDEMNITY PROVISION OR OTHERWISE.

**TERMS OF SALE**

**Bidding:** Each animal will be sold to the highest bidder. The auctioneer in charge will settle any disputes as to bids, and his decision on such matters will be final.

**Announcements:** If there is any inconsistency in the terms of this sale book, the supplement sheet or day-of-sale announcement, (i) the day-of-sale announcement will control over both the supplement sheet and the sale book, and (ii) the supplement sheet will control over the sale book.

**Cash Sale:** All sales are for cash unless satisfactory credit arrangements, including any possible reservation of security interest by the vendor, have been made with the vendor prior to sale.

**OSU Bursar’s Office Policy and Procedures:** There will be a finance charge computed at a periodic monthly rate of 1.5% per month, or a APR of 19.56%, on any unpaid balance. All accounts with an unpaid balance will be assessed a minimum finance charge of $0.50 per month. Bursar accounts are assessed a finance charge after 30 days past the due date on any remaining unpaid balance that has been billed.

**Buyer’s risk:** The risk of loss and injury of each animal passes to the buyer as soon as it is sold, but it is the obligation of OSU to ensure that animals are fed and cared for free of charge to the buyer until loaded for shipment or until the expiration of 48 hours after the sale, whichever occurs sooner.

**Identification:**
1. OSU must ensure that each animal has a readable permanent identification mark (e.g., tattoo, hoof- or ear brand or freeze brand) corresponding to its registration.
2. The buyer must check all permanent identification marks for accuracy.
3. In those cases where a nickname is used by OSU, the nickname must also be accompanied by the official registered name and number of the animal.

**Certificate of registration:** A transferred certificate of registration must be furnished by OSU free of charge to the buyer for each animal within 45 days following the later of the date of sale and receipt of full payment.

**Artificial insemination (AI) service certificates:** Upon the buyer’s request, AI Service Certificates must be furnished by OSU free of charge to the buyer for all females bred artificially to bulls not owned by OSU.

**GUARANTEES**

**Health:** Unless otherwise announced, OSU guarantees that all animals are eligible for interstate shipment as required by federal regulations.

**Conformance with registration:**
1. OSU guarantees that unless noted otherwise, all animals are registered under the rules of their respective breed association.
2. OSU guarantees to the buyer that all animals conform to the registration certificate as entered in the Herd Book of either the American Angus Association, American Hereford Association, American Simmental Association or International Brangus Breeders Association.

**Pedigree:**
1. OSU guarantees to the buyer that the pedigree, performance data and individual genetic defect designation of the animal, as represented in any sales materials (including any sale book, supplement sheet or day-of-sale announcement), are accurate.
2. The absence of any such designation on the pedigree of an animal, in a sale book, does not establish that the animal in question is not a carrier of any such genetic defect or genetic factor.
3. In those cases where a commonly understood nickname is used by OSU, OSU guarantees the pedigree of the animal based on the commonly understood nickname.

**Sex:** Unless otherwise represented by OSU, there are no guarantees that offspring will be of a particular sex.

**Breeding guarantees:**
1. OSU guarantees that all bulls are breeders, but only if such bulls are at least 12 months old at the time of sale and have not been a line of the herd until at least 14 months of age. A bull that settle a cow by natural service and passes a fertility test made by competent veterinarians mutually agreed upon by the buyer and OSU, during any six-month period of trial (provided for in paragraph 2 of the section entitled “Options and privileges of return or adjustment”) will be considered a breeder. Unless otherwise agreed by the buyer and OSU, OSU makes no guarantees with respect to the ability to freeze semen.
2. OSU guarantees that all animals are breeders, with the exception of: (a) calves under 12 months of age at the time of the sale, (b) animals shown after the sale has occurred (in such cases, the breeding guarantee, if any, will be those guarantees as are agreed upon between OSU and the buyer); (c) injury or disease occurring after the sale; and (d) gross negligence or willful misconduct on the part of the buyer.
3. “Safe-in-calf” females are guaranteed by OSU to have been examined by a competent veterinarian and determined to be in calf.
4. “Served” females are guaranteed to not be in calf.
5. “Purchased bred” females have been exposed but are not guaranteed to be in calf.
6. “Open” females have not been served and are guaranteed by OSU to be without calf.
7. Donor females: a. Unless otherwise agreed by the buyer and OSU, a female that has been used in an embryo transfer program is not guaranteed to be a breeder after the date of the sale.

b. Unless otherwise agreed by the buyer and OSU, a female is not guaranteed to be a breeder after the date of the sale, when that female is to be used, on an embryo transfer program.
8. OSU makes the following guarantees with respect to all “pregnant recipients”: (i) that the female is pregnant, (ii) that the resulting calf is of the pedigree represented, and (iii) that the resulting calf is of the sex represented (if so represented).

**Semen:** Unless otherwise agreed by the buyer and OSU, with respect to the sale of semen OSU makes no guarantees with respect to the performance or characteristics of such semen and the buyer is purchasing such semen “as is.”

**Embryos:** Unless otherwise agreed by the buyer and OSU, with respect to the sale of embryos OSU makes no guarantees with respect to the performance or characteristics of such embryos and the buyer is purchasing such embryos “as is.”

**Options and privileges of return or adjustment:**
1. Except as provided in paragraph 2 of this section, all claims for adjustment or refund must be made in writing on or before the later of (i) six months after the sale date and (ii) the date on which the animal reaches 30 months of age.
2. All claims relating to the misrepresentation of service sire and all claims relating to paragraphs 10 and 11 of this section must be made in writing on or before the second anniversary of the date of sale.
3. If an animal is claimed to be a non-breeder, the animal may be returned to OSU if in good condition and complying with the health requirements of Oklahoma. OSU is entitled to six months trial following the return of the animal in which to prove that the animal is a breeder. If at the end of the six-month period OSU is unable to prove the animal is a breeder, OSU must, at the option of the buyer, replace the animal with another of equal value or refund the purchase price. The return of the full purchase price will be deemed full satisfaction and settlement. Any expense incurred for transporting an animal claimed to be a non-breeder will be the responsibility of the buyer, except that OSU will be responsible for transportation costs in excess of the distance between the buyer’s farm and the location where the sale took place. If OSU proves the animal to be a breeder, it will be the obligation of the buyer to take delivery of the animal and pay all transportation expenses.
4. If a female sold as “safe in calf” proves not to be in calf, the buyer may receive service from the bull previously used, if available. If the bull is not available, OSU must make a satisfactory adjustment on the purchase price to the buyer or, at the buyer’s option, refund the purchase price upon return of the animal to OSU. Any adjustment provided for in this paragraph will abrogate OSU from further liability, except in those cases where the buyer is non-breeder. If a female represented as “safe in calf” to a certain bull at the time of sale proves to have been bred to a different bull, OSU must make a satisfactory adjustment on the purchase price to the buyer or, at the buyer’s option, refund the purchase price upon return of the animal to OSU (adjustments will not be considered to be a breeding fee or an allocation of the purchase price to any unborn calf).
5. If a female sold as “open” proves to be with calf, the buyer may return the animal to OSU prior to calving for a refund of the full purchase price or for another animal of equal value, whichever is acceptable to the buyer. OSU is responsible for all transportation expenses.
6. Cows with calves at their side are presumed to be breeders with no further fertility guarantee.
7. White skin or hair on Angus cattle must not be painted or altered. If such painting or alteration has occurred, the buyer may return the animal to OSU for a refund of the full purchase price or for another animal of equal value, whichever is acceptable to the buyer.
8. If an animal (including the offspring of a pregnant recipient) is sold and at a later date proves not to have been eligible for registration under the rules of its respective breed association, OSU must make a satisfactory adjustment on the purchase price to the buyer, or at the option of the buyer, refund the purchase price upon the return of the animal to OSU.
9. If (a) an animal is sold (including the offspring of a pregnant recipient) and through DNA-marker-typing is proven to have incorrect parentage, as represented by the certificate of registration, and for which parentage can be determined, or (ii) the resulting calf of a pregnant recipient is not of the sex represented, OSU is obligated to make a satisfactory adjustment on the purchase price to the buyer or, at the buyer’s option, refund the purchase price upon the return of the animal to OSU.
10. Except as provided in paragraphs 4 and 6 of this section, all transportation expenses incurred will be the responsibility of the buyer.

**Retention of genetic material:** Unless otherwise agreed in writing by OSU and the buyer, OSU will not retain any genetic material of any animal for the purpose of cloning. A 1/3 semen interest is retained in all service-age bulls.

**DISCLOSURE OF TEST RESULTS FOR KNOWN GENETIC DEFECTS AND FACTORS**

OSU shall have an affirmative duty to notify the buyer of any test results for genetic defects or genetic factors not otherwise reflected on an animal’s pedigree.

**Optional Guarantee—Genetic Defects:**
1. The buyer and seller may determine the scope and duration of a guarantee, if any, on an individual basis. OSU may, but is not required to, provide a guarantee to the buyer relating to genetic defects.
2. Nothing contained herein should be construed to relieve the parties from complying fully with all the rules and policies of the respective breed association relating to genetic defects generally or individually.

**MISCELLANEOUS**

1. The above terms and conditions of sale constitute a contract between the buyer of each animal and OSU and are equally binding upon both parties. Each sale or resale of an animal constitutes a separate transaction.
2. Neither Oklahoma State University, the sale coordinator nor any other person connected with the management of the sale assumes any liability, legal or otherwise.
3. These sale terms and conditions and all rights, obligations and duties arising hereunder and all disputes arising hereunder will be construed in accordance with, and governed by, the laws of the State of Oklahoma, without giving effect to such state’s choice of law rules.

For voluntary consideration and use by sellers in their independent business judgment.
**Expected Progeny Differences**

EPDs are included for the animals offered in this sale. EPDs are expressed as plus (+) or minus (−) units that measure that trait. For example, birth weight, weaning weight and yearling weight are given in pounds. Milk EPDs are expressed as pounds of weaning weight and should be considered only in cases when females will be kept as replacements. The following table is designed to serve as a reference for comparing seedstock of a particular breed. Because most seedstock are selected at a young age, the most useful standard is often the average of other young animals within the breed. This table cannot be used to compare EPDs of the different breeds.

**2019 BREED AVERAGE EPDs:**

<table>
<thead>
<tr>
<th>Breed/Group</th>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>Milk</th>
<th>CW</th>
<th>Marb</th>
<th>RE</th>
<th>BF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angus Current Dams</td>
<td>+5</td>
<td>+1.5</td>
<td>+47</td>
<td>+83</td>
<td>+24</td>
<td>+31</td>
<td>+.49</td>
<td>.40</td>
<td></td>
</tr>
<tr>
<td>Angus Non-Parent Cows</td>
<td>+6</td>
<td>+1.4</td>
<td>+51</td>
<td>+91</td>
<td>+24</td>
<td>+38</td>
<td>+.58</td>
<td>.54</td>
<td></td>
</tr>
<tr>
<td>Angus Non-Parent Bulls</td>
<td>+6</td>
<td>+1.3</td>
<td>+52</td>
<td>+92</td>
<td>+24</td>
<td>+38</td>
<td>+.53</td>
<td>.52</td>
<td></td>
</tr>
<tr>
<td>Hereford 2017/18 Calves</td>
<td>+2</td>
<td>+3.0</td>
<td>+52</td>
<td>+84</td>
<td>+24</td>
<td>+65</td>
<td>+1.1</td>
<td>.37</td>
<td></td>
</tr>
<tr>
<td>Purebred Simmental</td>
<td>+10</td>
<td>+0.4</td>
<td>+70</td>
<td>+100</td>
<td>+22</td>
<td>+46</td>
<td>+26</td>
<td>+.03</td>
<td>.35</td>
</tr>
<tr>
<td>Hybrid Simmental</td>
<td>+12</td>
<td>+0.6</td>
<td>+65</td>
<td>+99</td>
<td>+22</td>
<td>+30</td>
<td>+28</td>
<td>.62</td>
<td></td>
</tr>
<tr>
<td>Brangus Non-Parents</td>
<td>+4</td>
<td>+1.0</td>
<td>+25</td>
<td>+46</td>
<td>+9</td>
<td>+26</td>
<td>+.03</td>
<td>.35</td>
<td></td>
</tr>
</tbody>
</table>

**Ultrasound Measurements of Body Composition**

Ultrasound measurements were taken on all of the bulls and the yearling females. We are including this information in addition to each animal’s ultrasound-based body composition EPDs. Data included are for:

- **Marbling, or Intramuscular Fat (% IMF),** is measured as a percent of fat in the ribeye muscle at the 12–13th rib interface. This measurement is adjusted to 365 days of age. Intramuscular fat percentage should only be used for herd comparisons, as feeding conditions may vary. Heritability for marbling is moderate. Beef Quality Grades are based largely on USDA Graders’ subjective evaluation of the degree of marbling in the ribeye. Selection for increased marbling should improve beef quality grades.

- **Grid Value (GRID),** an index expressed in dollars per head, is the expected average difference in future progeny performance for postweaning merit. SW includes both revenue and cost adjustments associated with differences in birth weight, weaning direct growth, maternal milk and mature cow size.

- **Feedlot Value (FEEDLOT),** an index expressed in dollars per head, is the expected average difference in future progeny performance for postweaning performance compared to progeny of other sires.

- **Grid Value (GRID),** an index expressed in dollars per head, is the expected average difference in future progeny performance for carcass grid merit compared to progeny of other sires.

- **Beef Value (BEF),** an index expressed in dollars per head, is the expected average difference in future progeny performance for postweaning and carcass value compared to progeny of other sires.

Furthermore, the genetic correlation between marbling and fat thickness is low, meaning breeders can select for increased marbling without also increasing fat thickness. The percent intramuscular fat figures can be converted into quality grades. For example: 3% indicates USDA Select; 4% indicates USDA Low Choice; 7% indicates USDA High Choice, 9% indicates USDA Prime.

In general, steer progeny should have about 2% more intramuscular fat than their sires. Therefore, a yearling bull with 3% intramuscular fat should sire steers with approximately 5% intramuscular fat.

**Ribeye Area (RE or REA)** is measured in square inches. REA is highly and positively correlated with percent retail yield. The heritability of this trait is moderately high, indicating that selection for improvement of REA should be successful. According to National Beef Quality Audits conducted by NCBA, carcass REAs from 11 to 14 square inches are most desirable. REA is adjusted to 365 days of age. A suggestion to remember if using ultrasound REA measures in selection programs to improve muscling: evaluate the ultrasound REA relative to hundred lbs. of live weight. For example, a bull with a 14.4 square inch REA weighing 1200 lbs. (14.4 divided by 12) would have a REA/live cvt. ratio of 1.2. While a ratio of 1.0 is considered an acceptable degree of muscling, breeders selecting for improved muscling should select bulls with at least a 1.1 or above REA/live cvt ratio. A higher (+) REA EPD would indicate more muscling.

**American Angus Association $Values**

- **Weaned Calf Value (WEAN),** an index expressed in dollars per head, is the expected average difference in future progeny performance for preweaning merit. $W includes both revenue and cost adjustments associated with differences in birth weight, weaning direct growth, maternal milk and mature cow size.

**Thank you for your powerful support!**
Flush sisters sell as Lots 1A & 1B

The anchor of our 2019 Reserve Grand Champion Pen of Three Heifers in Denver, 8158 has been my favorite female for several months. Everyone has their opinion of the model female, and that's the beauty of the cattle business. 8158 checks all the boxes for me in that sense. While she is just getting started, we feel as if the sky is the limit in terms of her earning potential. The amount of rib shape, body depth and sheer mass from the ground up is unrivaled amongst her contemporaries! She does this impressively with an impeccable structural base and an outline from the side that is flawless. In an age of EPDs being popular, she is impressive in her birth to yearling spread and ranks in the top 4% for WW and top 5% for YW!

Full sister sells as Lot 1B. Full brothers sell as Lots 40, 49 and 50.

- BW 72 lbs., ADJ. WW 730 lbs., ADJ. YW 1072 lbs.
- Ultrasound: ADJ. %IMF 6.75, ADJ. RE 12.8 sq. in.
- Breeding information available sale day.
Lot 1B  **OSU Empress 8152**

Here is another member of our 2019 Reserve Champion Pen of Three Angus Heifers at the NWSS. This Cowboy Up x Brilliance female is phenotypically captivating from the side. The sweep to this gal’s rib and the uniformity of body depth combined with a tremendous amount of foot and bone are impressive.

8152 also reads exceptional on paper, ranking in the top 3% of non-parent Angus females for WW, YW and $F. Many of 8152’s maternal sisters have been leadoff females of the Cowboy Classic, and we feel that 8152 and her full sister selling as Lot 1A are destined for the same coveted role! Full brothers sell as Lots 40, 49 and 50.

- **B W**: 69 lbs., ADJ. **WW**: 622 lbs., ADJ. **YW**: 1020 lbs.
- Ultrasound: ADJ. % IMF 4.61, ADJ. RE 11.8 sq. in.
- Breeding information available sale day.

**Values**
- **WEAN**: +59.56
- **FEEDLOT**: +94.88
- **GRID**: +8.69
- **BEST**: +121.80

**OSU Empress 8152**

**Calved**: 1/31/18  
**AAA**: *19043733**  
**TAT**: 8152  

<table>
<thead>
<tr>
<th><strong>AN GUS CO W EPD</strong></th>
<th><strong>B W EPD</strong></th>
<th><strong>W W EPD</strong></th>
<th><strong>YW EPD</strong></th>
<th><strong>DM I EPD</strong></th>
<th><strong>YH EPD</strong></th>
<th><strong>SC EPD</strong></th>
<th><strong>DOC EPD</strong></th>
<th><strong>HP EPD</strong></th>
<th><strong>CEM EPD</strong></th>
<th><strong>MILK EPD</strong></th>
<th><strong>M W EPD</strong></th>
<th><strong>MH EPD</strong></th>
<th><strong>CW EPD</strong></th>
<th><strong>M RR EPD</strong></th>
<th><strong>RE EPD</strong></th>
<th><strong>F AT EPD</strong></th>
<th><strong>T END</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>CED</td>
<td>41</td>
<td>72</td>
<td>31</td>
<td>38</td>
<td>81</td>
<td>2</td>
<td>79</td>
<td>54</td>
<td>81</td>
<td>62</td>
<td>69</td>
<td>70</td>
<td>14</td>
<td>96</td>
<td>50</td>
<td>91</td>
<td>15</td>
</tr>
<tr>
<td>BW</td>
<td>+3</td>
<td>+3.3</td>
<td>+73</td>
<td>+127</td>
<td>+17</td>
<td>+48</td>
<td>+13</td>
<td>+26</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>YW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D M I</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>YH</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DOC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CEM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MILK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MH</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M RR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F AT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T END</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2019 National Western Stock Show  
Reserve Grand Champion Pen of Three Angus Heifers  
They sell!
Lot 2  OSU Empress 8132

Here is another of the Cowboy Up daughters that made the trip to Denver. This female is stylish, being powered by a tremendous Insight dam that passed on a neat side profile, flat shoulder and high neck attachment. 8132 wows you in terms of foot size and bone. Her ratios on ultrasound data are impressive as well, posting 106 and 107 ratios for IMF and REA, respectively.

- BW 81 lbs., ADJ. WW 608 lbs., ADJ. YW 1054 lbs.
- Ultrasound: ADJ. %IMF 5.23, ADJ. RE 13.7 sq. in.
- Breeding information available sale day.
An elite cow prospect in the making that is sired by one of the sought-after elite sires of the Genex lineup, Connealy Confidence Plus. This bold ribbed, sensibly sized female is broody in her appearance and near flawless in her structure, being dammed by a tremendous Resource female who is becoming a cornerstone matriarch for this program. A full sister to 8138 sold to Mark Wilburn of North Carolina in Denver. A full brother sells as Lot 31.

- BW 72 lbs., ADJ. WW 578 lbs., ADJ. YW 952 lbs.
- Ultrasound: ADJ. % IMF 5.07, ADJ. RE 15.0 sq. in.
- * Breeding information available sale day.
In my mind, this is one of the truly unique females of the offering this year. This Cowboy Up daughter is a refreshing blend of phenotype and performance. When you study 8141’s outline and silhouette, you see that she is tremendously long bodied, flat shouldered and bold sprung. Her dam, 5116, was one of my favorite two-year-olds when selected by Perry Castonguay in the 2017 Cowboy Classic for $9,500.

8141’s genomics are even more impressive, as she ranks in the top 1% for WW, YW, CW and SF while also ranking in the top 2% for $B.

* BW 78 lbs., ADJ. WW 693 lbs., ADJ. YW 1024 lbs.
* Ultrasound: ADJ. %IMF 5.82, ADJ. RE 13.9 sq. in.
* Breeding information available sale day.
Lot 5  

**OSU Empress 8160**

**OSU Empress 8160**

CALVED: 2/16/18  |  AAA: +19057528 [NHF]  |  TAT: 8160

Varilek Product 2010 04

3F Epic 4631

Zebu Queen 1072

**ANGUS COW**

# + 5 A V Resource 1441

**OSU Empress 5122**

OSU Empress 6154

The Epic daughters have stirred some genuine excitement here at the Purebred Beef Center, and 8160 exemplifies that. This female’s dam sold to Belle Point Ranch in Arkansas for $11,000 in the 2017 Cowboy Classic and is doing a great job in their program.

8160 is impressive from a functionality and practicality standpoint, as she has an abundance of body volume and mass. She is a game changer from a genomics standpoint, ranking in the top 4% for $B while being in the top 1% for WW, YW, CW, $W and $F.

* BW 57 lbs., ADJ. WW 709 lbs., ADJ. YW 1043 lbs.
* Ultrasound: ADJ. %EMF 9.13, ADJ. RE 14.1 sq. in.
* Breeding information available sale day.

<table>
<thead>
<tr>
<th>Varilek Product 2010 04</th>
<th>3F Epic 4631</th>
<th># + 5 A V Resource 1441</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ANGUS COW</strong></td>
<td><strong>OSU Empress 5122</strong></td>
<td>OSU Empress 6154</td>
</tr>
<tr>
<td>Varilek Pearl 0006 014</td>
<td>#EF Complement 8088</td>
<td># + Rite 707 of Ideal 3407 7075</td>
</tr>
<tr>
<td>EXG Blackcap 6247 PPC</td>
<td>S A V Blackcap May 4136</td>
<td>#BR Midland</td>
</tr>
<tr>
<td>+ 53 3 6 90 26 27 80 17 39 13 54 40 1 58 60 100 43</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEAN</td>
</tr>
<tr>
<td>BEEF</td>
</tr>
</tbody>
</table>

OSU Empress 5122: Dam of Lot 5
This member of our 2018 NWSS Champion Pen of Three Angus Heifers has done everything right following her return from the Rocky Mountains. She bred on the first AI service with a natural heat. She then laid down and had a heifer calf unassisted who, with all the stars aligning, should be even better than her mom—a prestigious feat to accomplish!

7111 is a massive two-year-old that truly embodies the term “cow power.” This female’s abundance of sheer volume and mass combines with a functional udder, feet and legs. This gal, along with her fancy Monumental heifer calf, is ready to be a profit center and cornerstone matriarch for your operation.

- Breeding information available sale day.
Two-year-old first-calf heifers sell as Lots 6–15

OSU Jilt 0105 Dam of Lots 6 and 7…other progeny also sell

OSU Jilt 7142

CALVED: 1/10/17 | AAA: +18747538 | TAT.: 7142

Barstow Cash Sire of Lots 6 and 7

Lot 7 OSU Jilt 7142

CALVED: 1/10/19 | AAA: +19349966 | TAT.: 9127

Don't miss this rascal. He has been genomically tested and reads really favorable, ranking in the top 3% for WW and top 2% for CW, $W and $F, with his YW EPD being in the top 1% of all non-parent Angus bulls!

+ BW 60 lbs.

In a star-studded set of two-year-old pairs, be sure that you don't overlook this one! This female is the outlier of the flush of Barstow Cash females that made the trip to Denver in 2018. I was always excited to see this gal in her element of raising a calf, and she sure didn't let me down! 7142 has an intriguing silhouette from the side, and one can see why so many people flocked to Gordon, NE, for the Krebs Ranch dispersal to get their hands on the Cash daughters. We rolled the dice and mated her to Baldridge Colonel…our gamble is your opportunity with her herd sire prospect at side. Go ahead and play with house money!

* Breeding information available sale day.
Genuine brood cow in this Denver daughter. The Denver daughters are prized possessions here at the PBC. Much like land, they are a nonrenewable resource, and 7113 is no exception. I am impressed with her udder quality combined with her structure and phenotype. She has an exceptional heifer calf by Monumental! 7113 ranks in the top 10% for WW and YW EPDs.

Offered with A-Cross Ranch.

* Breeding information available sale day.
**Lot 9**  
**OSU Empress 7123**

<table>
<thead>
<tr>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>CW</th>
<th>MPRB</th>
<th>RE</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>13</td>
<td>17</td>
<td>21</td>
<td>31</td>
<td>37</td>
<td>.8</td>
</tr>
</tbody>
</table>

This Rampage daughter stems from one of the popular females of the PBC in recent years. When we selected Rampage to use to improve post-weaning growth and end-product value, we decided to sort it to a cow we had had a multitude of success with. This sensibly sized, heavy boned, deep bodied female is a result of that mating. 7123 is beautiful uddered, and a great job raising her Playbook bull calf.  
Full sister sells as Lot 10. **Offered with Schnoor Sisters.**

* Breeding information available sale day.

**Flush sisters sell as Lots 9 & 10**

**Lot 10**  
**OSU Empress 1148**

<table>
<thead>
<tr>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>CW</th>
<th>MPRB</th>
<th>RE</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>18</td>
<td>22</td>
<td>32</td>
<td>43</td>
<td>54</td>
<td>.8</td>
</tr>
</tbody>
</table>

Another intriguing Rampage daughter, 1148 is a long bodied, well balanced female that has a bright future in terms of earning potential. A full sister to Lot 9, she is backed by the powerful 1148 dam that sold to Gary Rogers in 2017. When we made the mating decision to sort 1148 to Rampage, we hoped that she would be the perfect black for her new lucky owner.  
If you are in the market for a potential herd sire that will focus on growth and end-product value, then 1148 is right in your wheelhouse. He ranks in the top 3% for $B and top 1% for WW! **Offered with Schnoor Sisters.**

* Breeding information available sale day.

---

**OSU Empress 9148**

**OSU Empress 7154**

**OSU Sure Fire 9139**

**OSU Playbook 9148**

**OSU Sure Fire 9139**
Another unique Rampage daughter, 7128 comes from our Sandra cow family. Much like her donor dam, Stevenson Sandra 6443, this female is maternal all the way through and solidifies that with a near flawless udder and teat placement. Study the trophy on her side, a G A R Sure Fire heifer calf.

Offered with Chapman Angus.

* Breeding information available sale day.

Fancy heifer calf that is impressive for CED and BW EPDs.

Offered with Chapman Angus.

* BW 70 lbs.
SPRING COW/CALF PAIRS

Lot 12  OSU Lady 7130

**OSU Lady 7130**

CALVED: 1/8/17  |  AAA: 18759273  |  TAT: 7130

- **$Values**
  - **WEAN**: +58.41
  - **FERTIL**: +90.55
  - **GRID**: +4.60
  - **BEEF**: +119.17

**ANSP COW**

- **S A V brilliance 8077**
  + P V F Insight 0129
  + P V F Missie 790

**ANGUS COW**

- **Barstow Cash**
  + OSU Lady 5112
  OSU Lady 2179

**CED EPD**

- **B W**: +3.9
- **W W**: +77
- **YW**: +130
- **MILK**: +30
- **C W**: +60
- **RE**: -0.01
- **TEND**: +0.63

**WEAN**

- **B W**: 92
- **W W**: 96
- **YW**: 15
- **D M I**: 38
- **H Y**: 22
- **S C**: 70
- **D O C**: 63
- **C E M**: 92
- **M I L K**: 25
- **W H**: 4
- **C W**: 2
- **M B R R**: 96
- **R E**: 15
- **F A T**: 36
- **T E N D**: 80

Ranks in the top 2% for WW and CW EPDs while ranking in the top 3% for YW.

* BW 83 lbs.

Study this gal closely! If you are a fan of heavy boned, wide pinned, massive bodied females that still are lady like in their head, neck and chest, then I would bid early.

* Breeding information available sale day.

Lot 13  OSU Empress 7133

**OSU Empress 7133**

CALVED: 1/9/17  |  AAA: 18761806  |  TAT: 7133

- **$Values**
  - **WEAN**: +61.09
  - **FERTIL**: +70.74
  - **GRID**: +19.00
  - **BEEF**: +107.72

**ANGUS COW**

- **M C C Daybreak**
  + Q uaker Hill Rampage 0A36
  + Q H F Blackcap 6E2 a4V16 4355

**OSU Empress 7133**

- **S A V brilliance 8077**
  + G A R Sure Fire
  + Chair Rock S050 G A R 8086

**ANGUS COW**

- **C o nanga Entreena of Conanga 6 5 7**
  + B oyd New Day 8005
  + Q H F Blackcap 6E2 a4V16 4355

**OSU Lady 7130**

- **M C C Miss Focus 134**
  Ideal 4355 of 0726 2440
  Q H F Blackcap 4V16 of 198

**OSU Empress 0113**

- **S A F 5 9 8 B ando 5 175**
  + S A F New Design 5050
  Chair Rock Grid Maker 2107

**OSU Empress 7133**

A massive ribbed, beautiful uddered Rampage daughter! 7133 is unique from a moderation and substance standpoint. She is heavy boned and big footed along with setting wide at her pins and stifle.

* Breeding information available sale day.

Lot 14  OSU Empress 9145

**OSU Empress 9145**

CALVED: 2/4/19  |  AAA: 19360387  |  TAT: 9145

- **$Values**
  - **WEAN**: +67.39
  - **FERTIL**: +87.15
  - **GRID**: +44.02
  - **BEEF**: +158.33

**ANGUS COW**

- **S A F Royal Lass 1002**
  + G A R Sure Fire
  + Chair Rock S050 G A R 8086

**OSU Empress 7133**

- **S A F 5 9 8 B ando 5 175**
  + S A F New Design 5050
  Chair Rock Grid Maker 2107

**OSU Empress 0113**

- **S A F 5 9 8 B ando 5 175**
  + S A F New Design 5050
  Chair Rock Grid Maker 2107

Another impressive Sure Fire heifer calf with an impressive BW to YW EPD spread. Her genomic profile posts top 5% WW and YW EPDs and a top 10% ranking for RE, SW, SF and $B.

* BB 72 lbs.

40th ANNUAL COWBOY CLASSIC

1 P.M., SUNDAY, APRIL 7, 2019
Lot 14 **OSU Jilt 7156**

A really nice Stud daughter that goes back to the Jilt cow family. Her grand dam, OSU Jilt 0105, is starting to surface as a can’t-miss donor female here at the PBC. The dam of 7156 is a maternal sister to Lots 6 and 7, who were members of our 2018 Champion Pen of Three Angus Heifers at the NWSS.

7156 is an attractive, stout two-year-old that is impressive in her sheer width through her pins and stifle. The length through her head and neck is captivating. She is doing a phenomenal job raising her Sure Fire heifer calf.

* Breeding information available sale day.

---

**OSU Jilt 7156**

- **Calved:** 1/15/17
- **AAA:** +187.5
- **TAT:** 7156

<table>
<thead>
<tr>
<th>EPD</th>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>MILK</th>
<th>CW</th>
<th>MARB</th>
<th>RE</th>
<th>WP</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>+</td>
<td>2.9</td>
<td>49</td>
<td>89</td>
<td>+</td>
<td>+40</td>
<td>.93</td>
<td>+55</td>
<td></td>
</tr>
</tbody>
</table>

**OSU Jilt 9143**

- **Calved:** 1/19/19
- **AAA:** +193
- **TAT:** 9143

<table>
<thead>
<tr>
<th>EPD</th>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>MILK</th>
<th>CW</th>
<th>MARB</th>
<th>RE</th>
<th>WP</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>+</td>
<td>3.2</td>
<td>73</td>
<td>137</td>
<td>+</td>
<td>+62</td>
<td>1.26</td>
<td>+94</td>
<td></td>
</tr>
</tbody>
</table>

Our Sure Fire calves are really impressive, headlined by this heifer calf. 9143 ranks in the top 3% of non-parent Angus females for WW and IMF EPDs and also sits in the top 1% for YW, $F$ and $B$.

* BW 78 lbs.
**SPRING COW/CALF PAIRS**

**OSU Empress 7186**

Dameron First Class  
+ OSU Class Act  
+ OSU Empress 7165

*45.85*  
*37.28*  
*33.57*  
*101.15*

**Angus Cow**

- Dameron First Class  
- OSU Empress 4134  
- OSU Empress 1148

**Values**

<table>
<thead>
<tr>
<th>EPD</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>Milk</th>
<th>CW</th>
<th>MABR</th>
<th>RE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CED</td>
<td>94</td>
<td>98</td>
<td>23</td>
<td>68</td>
<td>18</td>
<td>19</td>
<td>89</td>
</tr>
<tr>
<td>BW</td>
<td>95</td>
<td>79</td>
<td>100</td>
<td>13</td>
<td>1</td>
<td>30</td>
<td>62</td>
</tr>
<tr>
<td>WW</td>
<td>79</td>
<td>81</td>
<td>80</td>
<td>8</td>
<td>48</td>
<td>16</td>
<td>97</td>
</tr>
</tbody>
</table>

We are switching gears offering you this Class Act daughter. This female is bred to raise halter prospects that are captivating in the show ring. Her dam, 4134, sold in 2018 to Pete Frijters and is now entering his donor program in Canada.

7186 is sleek in all her angles. She is flat shouldered and long necked with an exceptional set of feet and legs. When I mated her to Deer Valley Unique, I was hoping she would have a quality prospect at side…she sure enough has that. Her heifer calf is really intriguing and has a killer profile.

Offered with Schnoor Sisters.

* Breeding information available sale day.

**OSU Empress 9147**

Dameron First Class  
+ OSU Class Act  
+ OSU Empress 7186

*52.46*  
*49.74*  
*116.10*

**Angus Cow**

- Dameron First Class  
- OSU Empress 7165

**Values**

<table>
<thead>
<tr>
<th>EPD</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>Milk</th>
<th>CW</th>
<th>MABR</th>
<th>RE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CED</td>
<td>83</td>
<td>90</td>
<td>24</td>
<td>51</td>
<td>32</td>
<td>21</td>
<td>88</td>
</tr>
<tr>
<td>BW</td>
<td>76</td>
<td>50</td>
<td>30</td>
<td>30</td>
<td>70</td>
<td>16</td>
<td>97</td>
</tr>
</tbody>
</table>

A really fancy halter type prospect with a tremendous future.

Offered with Schnoor Sisters.

* BW 73 lbs.

---

**OSU Class Act**  
Sire of Lots 15 and 22

**OSU Empress 4134**  
Dam of Lot 15

**GAR Sure Fire**  
Sire of some of the spring calves selling

**TEX Playbook 5437**  
Sire of some of the spring and fall calves selling
Lot 16 **OSU Sandra 4201**

**Values**

<table>
<thead>
<tr>
<th>Trait</th>
<th>WEAN</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>DMI</th>
<th>YH</th>
<th>SC</th>
<th>DOC</th>
<th>HP</th>
<th>CEM</th>
<th>MILK</th>
<th>MW</th>
<th>CM</th>
<th>BW</th>
<th>RE</th>
<th>TEND</th>
</tr>
</thead>
<tbody>
<tr>
<td>CED</td>
<td>-13</td>
<td>+0.4</td>
<td>+79</td>
<td>+140</td>
<td>+29</td>
<td>+53</td>
<td>-62</td>
<td>+76</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Truly one of the unique females in the offering from a pedigree, phenotype and genomics standpoint. This well rounded Ten X daughter blends the advantages of growth and end-product value with the maternal characteristics that the Consensus daughters are known for. This female is impressive for being sensibly sized, massive ribbed, deep bodied and sound structured. We swung for the fences mating her to Deer Valley Unique, who combines the sought-after Weigh Up genetics with the legendary dam 643T! 4201 ranks in the top 4% for CED, top 2% for $B and top 1% for WW, YW, SW and SE. **Offered with Chapman Angus.**

* Breeding information available sale day.

Lot 17 **OSU Erica 6209**

**Values**

<table>
<thead>
<tr>
<th>Trait</th>
<th>WEAN</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>DMI</th>
<th>YH</th>
<th>SC</th>
<th>DOC</th>
<th>HP</th>
<th>CEM</th>
<th>MILK</th>
<th>MW</th>
<th>CM</th>
<th>BW</th>
<th>RE</th>
<th>TEND</th>
</tr>
</thead>
<tbody>
<tr>
<td>CED</td>
<td>+5</td>
<td>+2.7</td>
<td>+62</td>
<td>+120</td>
<td>+30</td>
<td>+49</td>
<td>-11</td>
<td>+56</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Big time phenotype halter prospect female here! This Final Solution daughter has a tremendous silhouette from the side. This two-year-old is big outlined, long necked and flat shouldered. Her maternal grand dam, OSU Erica 2115, is a big time donor cow just down the road for McKay Cattle Company. Don't miss the Insight heifer calf at side. She will grow into a nice halter prospect, and you can get some return on investment right away.

* Breeding information available sale day.

Lot 16 **OSU Sandra 4201**

**Values**

<table>
<thead>
<tr>
<th>Trait</th>
<th>WEAN</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>DMI</th>
<th>YH</th>
<th>SC</th>
<th>DOC</th>
<th>HP</th>
<th>CEM</th>
<th>MILK</th>
<th>MW</th>
<th>CM</th>
<th>BW</th>
<th>RE</th>
<th>TEND</th>
</tr>
</thead>
<tbody>
<tr>
<td>CED</td>
<td>-12</td>
<td>+1.9</td>
<td>+73</td>
<td>+128</td>
<td>+22</td>
<td>+53</td>
<td>+63</td>
<td>+1.09</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

A calving-ease herd sire prospect whose WW and YW EPDs rank in the top 4% of the breed. **Offered with Chapman Angus.**

* BW 85 lbs.

Lot 17 **OSU Erica 6209**

**Values**

<table>
<thead>
<tr>
<th>Trait</th>
<th>WEAN</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>DMI</th>
<th>YH</th>
<th>SC</th>
<th>DOC</th>
<th>HP</th>
<th>CEM</th>
<th>MILK</th>
<th>MW</th>
<th>CM</th>
<th>BW</th>
<th>RE</th>
<th>TEND</th>
</tr>
</thead>
<tbody>
<tr>
<td>CED</td>
<td>+10</td>
<td>+0.5</td>
<td>+71</td>
<td>+130</td>
<td>+23</td>
<td>+69</td>
<td>+16</td>
<td>+1.04</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

An incredible Insight daughter that reads exceptionally well, ranking in the top 4% for WW, top 3% for YW and REA and top 2% for CW.

* BW 72 lbs.
Lot 18  
**OSU Empress 5226**

- **Calved**: 10/6/15  
- **AA#:** 18323675 (DDF)  
- **TAT**: 5226

```
OSU Empress 5226
# + S A V Resource 1441
# Conneely Consensus 7229
OSU Empress 2227 + OSU Empress 4246

CED EPD  | BW EPD  | WW EPD  | YW EPD  | MILK EPD | CW EPD  | MARB EPD | RE EPD
---------|---------|---------|---------|----------|---------|----------|-------
+2        | +3.2    | +59     | +105    | +17      | +42     | +.42     | +.81

Values
WEAN: +47.99  
FEDGRT: +59.24  
GRID: +34.88  
BEEF: +127.09
```

A powerful ribbed, high volumed Resource daughter. Her sheer width is backed by ranking in the top 5% on REA EPD. This female has an impressive udder and is doing a phenomenal job raising her Monumental heifer calf.

A son sells as Lot 43.

* Breeding information available sale day.

Lot 19  
**OSU Empress 5170**

- **Calved**: 2/19/15  
- **AA#:** 18170652  
- **TAT**: 5170

```
OSU Empress 5170
# + S A V Resource 1441
# S A V Brilliance 8077
# Exar Monumental 6056B
OSU Empress 2102 + OSU Empress 4251

CED EPD  | BW EPD  | WW EPD  | YW EPD  | MILK EPD | CW EPD  | MARB EPD | RE EPD
---------|---------|---------|---------|----------|---------|----------|-------
+2        | +3.2    | +81     | +146    | +17      | +80     | +.49     | +.89

Values
WEAN: +69.08  
FEDGRT: +115.82  
GRID: +91.58  
BEEF: +179.70
```

Another impressive Resource daughter, 5170 is a full sister to the dam of our 2019 Bases Loaded female that sold to EZ Angus for $17,000. This gal is impressive in the amount of center rib dimension, sheer power at the ground with base width and how heavy boned she is! The Resource daughters are proving to make fantastic cows all over the country, and 5170 is no different. Study the genomics on this gal, ranking in the top 1% for WW, YW, CW, SF and SB!

* Will calve before sale day to EXAR Resistol 7056 (AAA 18739382).

Lot 18A  
**OSU Empress 9124**

- **Calved**: 1/9/19  
- **AA#:** 19248257 (DDF)  
- **TAT**: 9124

```
OSU Empress 9124
SF Epic 4631  
Exar Monumental 6056B
Fwy 7008 of C085-4029

# + S A V Resource 1441  
# Conneely Consensus 7229
OSU Empress 5226 + OSU Empress 2227

CED EPD  | BW EPD  | WW EPD  | YW EPD  | MILK EPD | CW EPD  | MARB EPD | RE EPD
---------|---------|---------|---------|----------|---------|----------|-------
+2        | +3.6    | +86     | +152    | +28      | +82     | +.89     | +.93

Values
WEAN: +77.96  
FEDGRT: +127.86  
GRID: +45.94  
BEEF: +200.79
```

What an awesome heifer calf! She also reads exceptional, ranking in the top 1% of non-parent Angus females for WW, YW, CW, SF and SB and the top 2% for SW.

* BW 78 lbs.
A really nice three-year-old that has an exceptional Epic heifer calf at side. 6174 descends from the always popular Ever Entense cow family that has become one of the standout families here at the PBC. This Class Act daughter is no exception. She is well balanced, long bodied and exceptional in her structural base. Her maternal grand-dam, 0179, sold in the 2014 Cowboy Classic to Gary and Shay Kluemeyer. Her NH-free Epic heifer calf at side is impressive in her genomically enhanced EPDs.

* Breeding information available sale day.

**OSU Stud 9156**

CALVED: 2/11/19 | AAA: 19369199 | TAT: 9156

<table>
<thead>
<tr>
<th>CED EPD</th>
<th>BW EPD</th>
<th>WW EPD</th>
<th>YW EPD</th>
<th>MILK EPD</th>
<th>CW EPD</th>
<th>MARB EPD</th>
<th>RE EPD</th>
</tr>
</thead>
<tbody>
<tr>
<td>+7</td>
<td>+1.7</td>
<td>+51</td>
<td>+102</td>
<td>+22</td>
<td>+38</td>
<td>+54</td>
<td>+52</td>
</tr>
</tbody>
</table>

9156 is a really nice Stud son that combines some terminal traits with powerful maternal traits.

* BW 83 lbs.

**OSU Everelda Entense 9105**

CALVED: 1/3/19 | AAA: 19378661 | TAT: 9105

<table>
<thead>
<tr>
<th>CED EPD</th>
<th>BW EPD</th>
<th>WW EPD</th>
<th>YW EPD</th>
<th>MILK EPD</th>
<th>CW EPD</th>
<th>MARB EPD</th>
<th>RE EPD</th>
</tr>
</thead>
<tbody>
<tr>
<td>+7</td>
<td>+0.8</td>
<td>+64</td>
<td>+114</td>
<td>+28</td>
<td>+50</td>
<td>+80</td>
<td>+33</td>
</tr>
</tbody>
</table>

A big time growth NH-free Epic daughter. Ranks in the top 15% for WW and YW EPDs and top 10% for $W, $F and $B.

* BW 72 lbs.
Lot 22  **OSU Empress 4165**

**OSU Empress 4165**

- **Calved:** 2/27/14  
- **AAA:** 17872152 [OSF]  
- **TAT:** 4165

<table>
<thead>
<tr>
<th>EPD</th>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>MILK</th>
<th>CW</th>
<th>MARB</th>
<th>RE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>2</td>
<td>49</td>
<td>81</td>
<td>15</td>
<td>34</td>
<td>.29</td>
<td>.24</td>
<td></td>
</tr>
</tbody>
</table>

**Genetic Information:**
- **Dameron First Class**
- **+ OSU Class Act**
- **+ OSU Empress 2127**
- **+ OSU Empress 4141**

**Values:**
- **WEAN** +29.02
- **FEEDLOT** +24.94
- **RE** +98.56

**Cow:**
- **EXG RS First Rate S903 R3**
- **Dameron Northern Miss 3114**
- **+ O S U Impact 3182**
- **+ O S U Empress 2134**
- **EXAR Sudden Impact 1537**
- **EXAR Adelade Pride 1001**
- **# + Northern Improvement 4480 GF**
- **+ O S U 2928 Empress 4177**

**Bull:**
- **EXAR Resistol 7056**
- **EXAR Blackbird 5434**

**A Note:**
A Class Act daughter that should catch anyone's attention! 4165 is beautiful from the side. She has an awesome neck attachment, an abundance of center body and volume, and she is flawless in her structural base. Take her home, mate her to one of the many intriguing show bull options and watch the endless opportunities transpire. Has a bull calf at side by EXAR Resistol 7056.

*Offered with Gotham City Cattle Company.*

---

Lot 22A  **OSU Resistol 9168**

**OSU Resistol 9168**

- **Calved:** 2/26/19  
- **AAA:** 19389435  
- **TAT:** 9168

<table>
<thead>
<tr>
<th>EPD</th>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>MILK</th>
<th>CW</th>
<th>MARB</th>
<th>RE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1</td>
<td>3.6</td>
<td>56</td>
<td>100</td>
<td>17</td>
<td>43</td>
<td>.60</td>
<td>.45</td>
</tr>
</tbody>
</table>

**Genetic Information:**
- **# A R Ten X 7008 S A**
- **+ Sitz Henrietta Pride 643T**
- **+ EXAR Consensus 1726B**
- **EXAR Blackbird 5434**
- **+ Dameron First Class**
- **+ OSU Empress 7165**
- **+ EXAR Totally Tuned 71281**
- **+ O S U Empress 4141**

**Cow:**
- **EXG RS First Rate S903 R3**
- **Dameron Northern Miss 3114**
- **+ O S U Impact 3182**
- **+ O S U Empress 2134**
- **EXAR Sudden Impact 1537**
- **EXAR Adelade Pride 1001**
- **# + Northern Improvement 4480 GF**
- **+ O S U 2928 Empress 4177**

**Bull:**
- **EXAR Resistol 3710B**
- **EXAR Blackbird 5434**

**Offered with Gotham City Cattle Co.**

* BW 76 lbs.*

---

Genomic results will be available by sale day.

*Breeding information available sale day.*
Starting off the fall heifer calf lineup, this August heifer sired by Deer Valley Unique is really impressive in terms of outline and balance. She has a top 2% ranking for CED EPD.

- BW 71 lbs., ADJ. WW 621 lbs.
- Sells open.

Lot 23  OSU Empress 8200

Deer Valley Unique 5635  Sire of Lot 23
Lot 24A  OSU Jilt 8208

**OSU Jilt 8208**

Calved: 9/3/18  |  AAA: +*19234399  |  TAT: 8208

- **EXG RS First Rate S903 R3**
- **+ Dameron Best In Class**
  Dameron Northern Miss 3114

**ANGUS COW**
- **#EXAR Lutton 1831**
- **+ OSU Jilt 0105**
- **#OSU Jilt 7143**

**$Values**
- **WEAN**: +29.12
- **FEED LOT**: +50.45
- **GRID**: +35.18
- **DEEP**: +115.2

*BW 70 lbs., ADJ. WW 588 lbs.*

We mates what we consider to be our best donor cow right now to Dameron Best In Class, and we are certainly pleased with the results! This gal is tremendously eye appealing from the side. 8208 blends a smooth shoulder with a thin, high neck attachment. She is a long striding, true moving female that has an abundance of body mass and bone.

• BW 70 lbs., ADJ. WW 588 lbs.
• Sells open.

Flush sisters sell as Lots 24A–24C

Lot 24C  OSU Jilt 8224

**OSU Jilt 8224**

Calved: 9/11/18  |  AAA: +*19234413  |  TAT: 8224

- **EXG RS First Rate S903 R3**
- **+ Dameron Best In Class**
  Dameron Northern Miss 3114

**ANGUS COW**
- **#EXAR Lutton 1831**
- **+ OSU Jilt 0105**
- **#OSU Jilt 7143**

**$Values**
- **WEAN**: +26.45
- **FEED LOT**: +53.26
- **GRID**: +30.68
- **DEEP**: +111.51

These three Best In Class flush mates are maternal sisters to our 2018 Champion Pen of Three Angus Heifers at the NWSS. 8224 reminds me as much of those females as any of them. The cow power packed in this gal is impressive. Study her base width and the amount of bone and foot.

• BW 85 lbs., ADJ. WW 672 lbs.
• Sells open.

Lot 24B  OSU Jilt 8218

**OSU Jilt 8218**

Calved: 9/8/18  |  AAA: +*19234409  |  TAT: 8218

- **EXG RS First Rate S903 R3**
- **+ Dameron Best In Class**
  Dameron Northern Miss 3114

**ANGUS COW**
- **#EXAR Lutton 1831**
- **+ OSU Jilt 0105**
- **#OSU Jilt 7143**

**$Values**
- **WEAN**: +19.96
- **FEED LOT**: +50.32
- **GRID**: +34.26
- **DEEP**: +90.50

Another Best In Class show heifer prospect that should grab anyone’s attention from a phenotype and eye appeal perspective. The amount of sheer length of body and the sleekness through her neck and shoulder are impressive.

• BW 75 lbs., ADJ. WW 577 lbs.
• Sells open.

Flush sisters sell as Lots 24A–24C

Lot 24B  OSU Jilt 8218
Flush sisters sell as Lots 25A & 25B

Lot 25A OSU Bardolena 8220

OSU Bardolena 8220

<table>
<thead>
<tr>
<th>EPD</th>
<th>PB EPD</th>
<th>WW EPD</th>
<th>YW EPD</th>
<th>MILK EPD</th>
<th>CW EPD</th>
<th>MARRB EPD</th>
<th>RE EPD</th>
</tr>
</thead>
<tbody>
<tr>
<td>CED</td>
<td>+6</td>
<td>+2.6</td>
<td>+39</td>
<td>+58</td>
<td>+17</td>
<td>+6</td>
<td>+.36</td>
</tr>
<tr>
<td>BW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>YW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MILK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MARRB</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Flush sisters sell as Lots 25A & 25B

Lot 25B OSU Bardolena 8223

OSU Bardolena 8223

<table>
<thead>
<tr>
<th>EPD</th>
<th>PB EPD</th>
<th>WW EPD</th>
<th>YW EPD</th>
<th>MILK EPD</th>
<th>CW EPD</th>
<th>MARRB EPD</th>
<th>RE EPD</th>
</tr>
</thead>
<tbody>
<tr>
<td>CED</td>
<td>+8</td>
<td>+2.3</td>
<td>+45</td>
<td>+73</td>
<td>+18</td>
<td>+21</td>
<td>+.49</td>
</tr>
<tr>
<td>BW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>YW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MILK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MARRB</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

A full sister to Lot 25B, 8220 is exquisite through her neck and shoulder. The amount of balance and style she carries from the profile is tremendous. She will be a fun female to watch grow and even create more happiness with some banner and backdrop pictures!

- BW 72 lbs., ADJ. WW 516 lbs.
- Sells open.

The Roundtable females are asserting themselves in the show ring, especially when carefully backed by dominant First Class dams! 8223 really clipped up nicely. She is sleek necked, ties really high into her shoulder and has an adequate degree of bone and foot. She is one of the big time haired females of the offering…along with her Lot 25A full sister.

- BW 83 lbs., ADJ. WW 637 lbs.
- Sells open.
Lot 26 OSU Empress 8221

We switched gears slightly on mating an impressive Blue Chip female. 8221 is an Undisputed daughter that combines an attractive outline with a neat pattern. She is sleek and pretty through her neck and shoulder. The sheer amount of bone and foot is impressive.

- BW 73 lbs., ADJ. WW 606 lbs.
- Sells open.

Lot 27 OSU Empress 8236

A neat patterned, long bodied Playbook daughter. The Playbook offspring have been some of the truly sought-after cattle, and 8236 will be no different. She is backed by a terrific Insight daughter that has a lot of potential in this program.

Genomic results will be available by sale day.

- BW 72 lbs.
- Sells open.
Driving the science of better breeding

There's little room for error in the cattle business. Producers need the most advanced information to make smart selection decisions, and Angus Genetics Inc. (AGI) provides it through genomic-enhanced expected progeny differences (GE-EPDs).

EPDs that traditionally contained all pedigree, performance and progeny information now also include results from available genomic, or DNA, tests. Breeders who use genomic technology give buyers access to AGI-generated GE-EPDs that provide:

- Increased predictability and decreased risk for young and unproven animals due to enhanced accuracy of EPDs
- Better characterization of genetics for difficult-to-measure performance traits (such as carcass traits, maternal traits and feed efficiency)
- The ability to make more rapid progress for traits that are important to you, due to:
  - more accurate selection
  - easier identification of genetic outliers
  - the ability to propagate young animals with confidence earlier in their lives

In fact, GE-EPDs on unproven animals have the same amount of accuracy as if they had recorded 8-33 calves, depending on the trait. That's valuable insight, offered regularly through the breed's weekly national cattle evaluation at www.angus.org.

**How do you know if EPDs are genomic-enhanced?**

Ask your breeder, refer to the registration paper, or look for the AGI GE-EPD logo, Angus GS™ powered by partner Neogen GeneSeek or the HD50k or i50k by partner Zoetis.

---

**BUY BULLS ON TARGET**

**Genetic Recommendations:**

<table>
<thead>
<tr>
<th></th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marbling EPD (Marb)</td>
<td>+ 0.53</td>
</tr>
<tr>
<td>Dollar Grid Carcass Index ($G)</td>
<td>+ 34.09</td>
</tr>
</tbody>
</table>

The Targeting the Brand logo is designed to highlight registered Angus bulls with greater genetic potential to produce calves meeting the most challenging specifications of the Certified Angus Beef® brand. Bulls must be at least breed average or better for marbling EPD and $ Grid of non-parent Angus sires to qualify for use of the Targeting the Brand logo.

Even when these numbers do not appear on the catalog listing, the logo gives you confidence that these minimum genetic requirements are met. Actual EPD requirements are outlined below based on the breed averages from the Spring 2019 Angus Sire Summary.

To learn more about how commercial cattlemen can further utilize the Targeting the Brand logo in marketing genetically superior feeder cattle, visit www.AngusLink.com
Selling 2/3 Interest in & Full Possession of All Service-Age Bulls

We are reserving 1/3 revenue sharing and 1/3 semen interest in all service-age bulls in the sale. This means the bull is totally in your control in how you want to handle him, and you get 100% of the salvage value of the bull. We are simply reserving the right to a share of semen sales revenue from the bull if, at some point in the future, semen sales become a reality. If you sell the bull to another breeder, Oklahoma State University Purebred Beef Center retains the semen interest.

It is unlikely that large amounts of semen will be sold from many of the bulls. However, bulls are often “discovered” later in life, after proving themselves in the breeding pasture. It is for this reason that we are keeping a semen interest in all bulls sold in the Cowboy Classic.

Even bulls sold to commercial herds may become popular at a later time, as more carcass data is collected on their calves. If you purchase a bull that we retain an interest in and you choose to collect semen from that bull as an “insurance policy” for your own use, that semen is 100% yours. Oklahoma State University Purebred Beef Center may also wish to collect semen from the bull, either for in-herd use or to build a jointly owned semen bank for sale purposes.

If you are not interested in collecting semen on the bull, OSU has the right to collect the bull, at their own expense, for their use. Semen collection will be arranged at the convenience of the owner of the possession interest.

Adapted with permission from Gardiner Angus Ranch.
If you are looking to inject some pure growth and pounds into your calf crop, 8113 is your answer! This guy is backed by a fantastic Resistol dam. Take a look at his actual data: 850 lbs. at weaning and over 1400 lbs. on yearling weight!

Ranking in the top 1% for WW, YW, CW, $W, $F and $B, this Epic son, as of this writing, has a WW EPD of +93, YW EPD of +171 and SB of $205.74. Raise your hand and own a genuine herd sire! *Offered with Chapman Angus.*

*Sire of Lots 28–30…his daughters also sell*

*BW 81 lbs., ADJ. WW 850 lbs., ADJ. YW 1424 lbs., AEE SC 41 cm.*

Ultrasound: ADJ. %IMF 5.94, ADJ. REA 15.3 sq. in.
Lot 29  OSU Epic 8110

OSU Epic 8110  
CALVED: 1/4/18 | AAA: +*19036604 [NHF] | TAT.: 8110

Varilek Product 2010 04  
3F Epic 4631  
Zebo Queen 1072  
+ OSU Empress 5103  
+ OSU Empress 2114

# Connealy Final Product  
Varilek Pearl 0006 014  
# EF Complement 8688  
EXG Blackcap 6247 PPC  
+ Rito 707 of Ideal 3407 7075  
+ S A V Blackcap May 4136  
+ S A V Blackcap 6247 PPC  
+ OSU Empress 6211

Values
WEAN  
+57.86  
FEEDLOT  
+158.87  
GRID  
+31.67  
RE  
+191.29

B W 81 lbs., ADJ. W W 721 lbs., ADJ. Y W 1257 lbs., ACT. SC 40 cm.  
Ultrasound: ADJ. % IMF 4.42, ADJ. REA 11.7 sq. in.

Lot 30  OSU Epic 8136

OSU Epic 8136  
CALVED: 1/9/18 | AAA: +19036620 [NHF] | TAT.: 8136

Varilek Product 2010 04  
3F Epic 4631  
Zebo Queen 1072  
+ OSU Currency 8173  
+ OSU Empress 0211  
+ Stevenson Moneymaker R185  
+ OSU Empress 1171  
+ OSU Empress 4123  
+ E&B 1483 Scotchman 543  
+ D F Empress 6079

Values
WEAN  
+66.37  
FEEDLOT  
+106.34  
GRID  
+25.61  
RE  
+155.81

B W 82 lbs., ADJ. W W 791 lbs., ADJ. Y W 1225 lbs., ACT. SC 40 cm.  
Ultrasound: ADJ. % IMF 4.12, ADJ. REA 12.6 sq. in.
CONFIDENCE PLUS & COWBOY UP SONS

**Flush brothers sell as Lots 32–39**

**OSU Cowboy Up 8100**

<table>
<thead>
<tr>
<th>CALVED: 1/1/18</th>
<th>AAA: +19040146</th>
<th>TAT.: 8100</th>
</tr>
</thead>
<tbody>
<tr>
<td>HA Outside 3008</td>
<td>HA Cowboy Up 5405</td>
<td>#HA Blackcap Lady 1602</td>
</tr>
<tr>
<td>ANGUS BULL</td>
<td># S A V Brilliance 8077</td>
<td>+ OSU Empress 1219</td>
</tr>
<tr>
<td></td>
<td>+ O S U Empress 4123</td>
<td></td>
</tr>
</tbody>
</table>

A surefire calving ease specialist with a +14 CED EPD! These Cowboy Up sons are the ticket for phenotype and masculinity. Full brothers sell as Lots 33 through 39.

* BW 62 lbs., ADJ. WW 712 lbs., ADJ. YW 1094 lbs., ACT. SC 36.5 cm.

Ultrasound: ADJ. % IMF 4.13, ADJ. REA 12.0 sq. in.

---

**OSU Cowboy Up 8117**

<table>
<thead>
<tr>
<th>CALVED: 1/5/18</th>
<th>AAA: +190386472</th>
<th>TAT.: 8117</th>
</tr>
</thead>
<tbody>
<tr>
<td>HA Outside 3008</td>
<td>HA Cowboy Up 5405</td>
<td>#HA Blackcap Lady 1602</td>
</tr>
<tr>
<td>ANGUS BULL</td>
<td># S A V Brilliance 8077</td>
<td>+ OSU Empress 1219</td>
</tr>
<tr>
<td></td>
<td>+ O S U Empress 4123</td>
<td></td>
</tr>
</tbody>
</table>

Another calving ease prospect by Cowboy Up that is recommended for use on heifers. Full brother to Lots 33, 35, 36, 37, 38 and 39.

* BW 84 lbs., ADJ. WW 754 lbs., ADJ. YW 1264 lbs., ACT. SC 40 cm.

Ultrasound: ADJ. % IMF 4.36, ADJ. REA 16.4 sq. in.

---

**OSU Cowboy Up 8116**

<table>
<thead>
<tr>
<th>CALVED: 1/5/18</th>
<th>AAA: +19036598</th>
<th>TAT.: 8116</th>
</tr>
</thead>
<tbody>
<tr>
<td>HA Outside 3008</td>
<td>HA Cowboy Up 5405</td>
<td>#HA Blackcap Lady 1602</td>
</tr>
<tr>
<td>ANGUS BULL</td>
<td># S A V Brilliance 8077</td>
<td>+ OSU Empress 1219</td>
</tr>
<tr>
<td></td>
<td>+ O S U Empress 4123</td>
<td></td>
</tr>
</tbody>
</table>

Another low birth weight Cowboy Up son that still reads with tremendous growth. Full brothers sell as Lots 32, 34, 35, 36, 37, 38 and 39.

* BW 80 lbs., ADJ. WW 740 lbs., ADJ. YW 1246 lbs., ACT. SC 41.5 cm.

Ultrasound: ADJ. % IMF 4.26, ADJ. REA 15.3 sq. in.

---

**OSU Cowboy Up 8120**

<table>
<thead>
<tr>
<th>CALVED: 1/6/18</th>
<th>AAA: +19040150</th>
<th>TAT.: 8120</th>
</tr>
</thead>
<tbody>
<tr>
<td>HA Outside 3008</td>
<td>HA Cowboy Up 5405</td>
<td>#HA Blackcap Lady 1602</td>
</tr>
<tr>
<td>ANGUS BULL</td>
<td># S A V Brilliance 8077</td>
<td>+ OSU Empress 1219</td>
</tr>
<tr>
<td></td>
<td>+ O S U Empress 4123</td>
<td></td>
</tr>
</tbody>
</table>

With his CED EPD of +11 and a –0.4 BW EPD, rest easy when mating 8120 to heifers! Full brother to Lots 32, 33, 34, 36, 37, 38 and 39.

* BW 77 lbs., ADJ. WW 685 lbs., ADJ. YW 1197 lbs., ACT. SC 35 cm.

Ultrasound: ADJ. % IMF 4.31, ADJ. REA 13.4 sq. in.
Flush brothers sell as Lots 32–39

OSU Empress 1219 Dam of Lots 32–39

OSU Cowboy Up 8121

CALVED: 1/6/18  |  AAA: +19040151  |  TAT: 8121

HA Outside 3008
HA Cowboy Up 5405
#HA Blackcap Lady 1602

ANGUS BULL
#SAV Brilliance 8077
+OSU Empress 1219
+OSU Empress 4123

This Cowboy Up son is impressive for post weaning growth. Full brother to Lots 32, 33, 34, 35, 36, 38 and 39.


OSU Cowboy Up 8124

CALVED: 1/6/18  |  AAA: +19040153  |  TAT: 8124

HA Outside 3008
HA Cowboy Up 5405
#HA Blackcap Lady 1602

ANGUS BULL
#SAV Brilliance 8077
+OSU Empress 1219
+OSU Empress 4123

This Cowboy Up son is impressive for post weaning growth. Full brother to Lots 32, 33, 34, 35, 36, 38 and 39.


OSU Cowboy Up 8128

CALVED: 1/8/18  |  AAA: +19040155  |  TAT: 8128

HA Outside 3008
HA Cowboy Up 5405
#HA Blackcap Lady 1602

ANGUS BULL
#SAV Brilliance 8077
+OSU Empress 1219
+OSU Empress 4123

A phenotypic standout in this group of eight brothers, 8128 blends an exceptional look with ruggedness and power. Full brother to Lots 32 through 38.

This is an impressive Cowboy Up son whose two full sisters headlined our 2019 NWSS Reserve Champion Pen of Three Angus Heifers. 8156 is moderate, robust bodied and massive from behind. His foot and bone are just as impressive, while his genomics rank him in the top 1% for WW, YW and $F! Full brother to Lots 1A, 1B, 49 and 50.

A calving ease option that is dammed by an impressive Insight daughter that was selected out of the 2017 Cowboy Classic by Gary Rogers.

Calving ease option that is dammed by an impressive Insight daughter that was selected out of the 2017 Cowboy Classic by Gary Rogers.

* BW 83 lbs., Adj. WW 808 lbs., Adj. YW 1291 lbs., ACT. SC 39 cm.
Ultrasound: Adj. %IMF 3.83, Adj. REA 14.3 sq. in.
PVF Insight 0129  
Sire of Lot 42; maternal grandsire of Lots 41 and 45.

An Insight son that is impressive for growth.

* BW 69 lbs., Adj. WW 767 lbs., Adj. YW 1197 lbs., ACT. SC 36 cm.

Ultrasound:Adj. % IMF 5.41, Adj. REA 14.0 sq. in.

---

OSU Insight 8131  
Calved: 1/8/18  |  AAA: *19036623 | TAT: 8131

**Angus Bull**

- + EXAR Ten X 7008 S A
- + OSU Empress 5226

**Genetics**

- Sire: OSU Insight 8131
- Dam: OSU Jilt 0105
- Sire of Lot 42; maternal grandsire of Lots 41 and 45

**Fertility**

- +5.09 Fertility
- +81.11 Grd.

**Weights**

- +50.09
- +1.51

**Performance**

- Sc Score: 81
- YW SC: 20
- Fat Trend: 20

---

OSU Stud 8144  
Calved: 1/15/18  |  AAA: *19036623 (DFF) | TAT: 8144

**Angus Bull**

- + EXAR Stud 4658B
- + OSU Empress 5226

**Genetics**

- Sire: OSU Stud 8144
- Dam: OSU Jilt 0105

**Fertility**

- +55.60 Fertility
- +73.75 Grd.

**Performance**

- Sc Score: 81
- YW SC: 20
- Fat Trend: 20

---

OSU 2255  
Calved: 1/24/18  |  AAA: *19061732 | TAT: 8163

**Angus Bull**

- + EXAR Blue Chip 1877B
- + OSU Jilt 0105

**Genetics**

- Sire: OSU Final Answer 0035
- Dam: OSU Jilt 0105

**Fertility**

- +49.83 Fertility
- +48.37 Grd.

**Performance**

- Sc Score: 81
- YW SC: 20
- Fat Trend: 20

---

OSU 3325  
Calved: 1/15/18  |  AAA: *19085585 | TAT: 8169

**Angus Bull**

- + EXAR Ten X 7018 H
- + OSU Empress 5162

**Genetics**

- Sire: OSU 3325
- Dam: OSU Jilt 0105

**Fertility**

- +55.60 Fertility
- +73.75 Grd.

**Performance**

- Sc Score: 81
- YW SC: 20
- Fat Trend: 20

---

A moderate birth weight Ten X grandson that is exceptional for post weaning growth.

* BW 63 lbs., Adj. WW 804 lbs., Adj. YW 1265 lbs., ACT. SC 36 cm.

Ultrasound: Adj. % IMF 5.57, Adj. REA 13.1 sq. in.
Lot 47  OSU Denver 7218

ANGUS BULL
#EXAR Upshot 0562B
#EXAR Denver 2002B
+ EXAR Royal Lass 1067
+ OSU Jilt 0105
#O S U Jilt 7143

Values
WEAN  + 38.50
FEEDLOT  + 91.35
GRID  + 40.62
BEFF  + 173.52

Double-digit CED for this Denver son with an abundance of growth, recording over 700 lbs. for weaning weight. Also ranks in the top 4% for $B.

* BW 72 lbs., ADJ. WW 734 lbs., ADJ. YW 1264 lbs., ADJ. SC 34 cm.
Ultrasound: ADJ. % IMF 4.03, ADJ. REA 15.7 sq. in.

Angus Fall Long Yearling Bulls
lots 47-55

Lot 48  OSU Stud 7224

ANGUS BULL
#A R Ten X 7008 S A
+ EXAR Stud 4658B
+ Bobo Rita 1559

Values
WEAN  + 42.12
FEEDLOT  + 62.77
GRID  + 49.02
BEFF  + 134.30

A really long striding, athletic, rugged appearing Stud son! 7224 is very impressive for muscularity and growth. This rascal should inject some end-product merit into his calves.

* BW 79 lbs., ADJ. WW 669 lbs., ADJ. YW 1165 lbs., ADJ. SC 39 cm.
Ultrasound: ADJ. % IMF 4.20, ADJ. REA 14.6 sq. in.
Flush brothers sell as Lots 49 & 50

Lot 49  OSU Cowboy Up 7210

Lot 50  OSU Cowboy Up 7219

Really powerful, robust made Cowboy Up son! 7210 ranks in the top 3% for WW and YW EPDs.

Full brother to Lots 1A, 1B, 40 and 50.

* BW 80 lbs., ADJ. WW 589 lbs., ADJ. YW 1112 lbs., ACT. SC 37 cm.
Ultrasound: ADJ. %IMF 3.51, ADJ. REA 12.6 sq. in.

This tremendously massive Cowboy Up son is impressive for growth! Ranks in the top 5% for WW and top 4% for YW.

Full brother to Lots 1A, 1B, 40 and 49.

* BW 83 lbs., ADJ. WW 726 lbs., ADJ. YW 1235 lbs., ACT. SC 34 cm.
Ultrasound: ADJ. %IMF 3.79, ADJ. REA 15.1 sq. in.
OSU Cowboy Up 7221

Calved: 9/11/17  |  AAA: *18926452  |  TAT: 7221

HA Outside 3000
HA Cowboy Up 5405
#HA Blackcap Lady 1602

ANGUS BULL

#Connealy Consensus 7229
+ OSU Empress 3154
# + OSU 6079 Marilyn 8169

Values
WEAN
+ 60.75
+ 39.76
+ 37.83

BEEF
+ 116.72

B W 67 lbs., AD J. W W 512 lbs., AD J. YW 1043 lbs., AC T. SC 36 cm.

OSU Stud 7227

Calved: 10/4/17  |  AAA: *18926454  |  TAT: 7227

#A R R Ton X 7008 S A
+ EXAR Stud 4658B
+ Bollo Rito 1559

ANGUS BULL

#EXAR Upshot 0652B
OSU Empress 4116
# + OSU Empress 2136

Values
WEAN
+ 55.37
+ 79.40
+ 44.96

BEEF
+ 148.70

B W 80 lbs., AD J. W W 712 lbs., AD J. YW 1192 lbs., AC T. SC 35 cm.

Flush brothers sell as Lots 52 & 53

OSU Roundup 7209

Calved: 9/5/17  |  AAA: *18926465  |  TAT: 7209

Plainview Lutton E102
+S & R Roundtable J328
+ PVF Proven Queen 786

ANGUS BULL

Dameron First Class
+ OSU Empress 1148
OSU Empress 7165

Values
WEAN
+ 46.12
+ 33.19
+ 46.40

BEEF
+ 131.91

B W 67 lbs., AD J. W W 512 lbs., AD J. YW 1043 lbs., AC T. SC 36 cm.

OSU Roundup 7217

Calved: 9/9/17  |  AAA: *18926468  |  TAT: 7217

Plainview Lutton E102
+S & R Roundtable J328
+ PVF Proven Queen 786

ANGUS BULL

Dameron First Class
+ OSU Empress 1148
OSU Empress 7165

Values
WEAN
+ 65.09
+ 57.90
+ 42.72

BEEF
+ 143.73

B W 67 lbs., AD J. W W 512 lbs., AD J. YW 1043 lbs., AC T. SC 36 cm.

OSU Conversation 7229

Calved: 10/15/17  |  AAA: *19034804  |  TAT: 7229

Silveiras Conversion 8064
+SAC Conversation
#Laffins Farrah 0252

ANGUS BULL

+ EXAR Blue Chip 1877B
OSU Empress 4231
OSU Empress 6136

Values
WEAN
+ 52.77
+ 75.58
+ 42.18

BEEF
+ 131.52

B W 78 lbs., AD J. W W 711 lbs., AD J. YW 1172 lbs., AC T. SC 37 cm.

Flush brothers sell as Lots 52 & 53

OSU Empress 1148 Dam of Lots 52 and 53

A low birth option with a lot of pattern and phenotype.

* BW 82 lbs., AD J. WW 760 lbs., AD J. YW 1213 lbs., AC T. SC 34 cm.

Ultrasound: AD J. % IMF 4.74, AD J. REA 12.4 sq. in.

A double-digit calving ease herd sire!

Full brother to Lot 53.

* BW 67 lbs., AD J. WW 512 lbs., AD J. YW 1043 lbs., AC T. SC 36 cm.

Ultrasound: AD J. % IMF 4.97, AD J. REA 14.3 sq. in.

A bull with plenty of growth and phenotype.

Full brother to Lot 52.

* BW 81 lbs., AD J. WW 711 lbs., AD J. YW 1172 lbs., AC T. SC 37 cm.

Ultrasound: AD J. % IMF 3.81, AD J. REA 13.8 sq. in.

Another Stud son that is impressive for post weaning growth. 7227 has a tremendous pedigree that combines some leading Angus AI sires.

* BW 82 lbs., AD J. WW 760 lbs., AD J. YW 1213 lbs., AC T. SC 34 cm.

Ultrasound: AD J. % IMF 4.74, AD J. REA 12.4 sq. in.

A Cowboy Up son that charts a moderate BW figure.

* BW 80 lbs., AD J. WW 712 lbs., AD J. YW 1192 lbs., AC T. SC 35 cm.

Ultrasound: AD J. % IMF 3.80, AD J. REA 13.7 sq. in.

Ultrasound: AD J. % IMF 4.74, AD J. REA 12.4 sq. in.

A low birth option with a lot of pattern and phenotype.

Full brother to Lot 53.

* BW 67 lbs., AD J. WW 512 lbs., AD J. YW 1043 lbs., AC T. SC 36 cm.

Ultrasound: AD J. % IMF 4.97, AD J. REA 14.3 sq. in.
The Hereford Bulls

lots 56–62

**The Certified Hereford Beef Index (CHB $)** is a terminal sire index that is built on a production system where Hereford bulls are used on British-cross cows with a focus on gain and end-product merit.

---

**OSU Catapult 7310**

**Calved:** 8/22/17  |  **AHA:** P43963820  |  **TAT:** 7310  |  **Polled**

<table>
<thead>
<tr>
<th><strong>Consortial Sires</strong></th>
<th><strong>Sire of Lots 56–61</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>TH 122 71I Victor 719T (SOD,CHB)</td>
<td>DRF JWR Prince Victor 71I (SOD)</td>
</tr>
<tr>
<td>CRR 719 Catapult 109</td>
<td>KBCR 19D Dominette 122</td>
</tr>
<tr>
<td>CRR 4037 Eclipse 808</td>
<td>THM Durango 4037 (SOD)</td>
</tr>
<tr>
<td><strong>HEREFORD BULL</strong></td>
<td><strong>HEREFORD BULL</strong></td>
</tr>
<tr>
<td>NJW 91S Durango 44U (SOD)</td>
<td>OSU Missy 5314</td>
</tr>
<tr>
<td>OSU Missy 3320</td>
<td>OSU Missy 3320</td>
</tr>
</tbody>
</table>

**Sire of Lots 56–61**

7310 is a really moderate, powerful fall yearling Hereford bull that posted a 102 ratio at weaning. His dam has a beautiful udder.

* BW 67 lbs., ADJ. WW 641 lbs., ADJ. YW 1159 lbs., ACT. SC 38 cm.

**OSU Catapult 7312**

**Calved:** 9/15/17  |  **AHA:** P43918258  |  **TAT:** 7312  |  **Horned**

<table>
<thead>
<tr>
<th><strong>Consortial Sires</strong></th>
<th><strong>Sire of Lots 56–61</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>TH 122 71I Victor 719T (SOD,CHB)</td>
<td>DRF JWR Prince Victor 71I (SOD)</td>
</tr>
<tr>
<td>CRR 719 Catapult 109</td>
<td>KBCR 19D Dominette 122</td>
</tr>
<tr>
<td>CRR 4037 Eclipse 808</td>
<td>THM Durango 4037 (SOD)</td>
</tr>
<tr>
<td><strong>HEREFORD BULL</strong></td>
<td><strong>HEREFORD BULL</strong></td>
</tr>
<tr>
<td>NJW 73S M326 Trust 100W ET (SOD,CHB)</td>
<td>OSU Missy 4315</td>
</tr>
<tr>
<td>OSU Missy 1322</td>
<td>OSU Missy 1322</td>
</tr>
</tbody>
</table>

A dark red fall bull that’s impressive for mass and power. This rascal should inject plenty of growth and end-product value.

* BW 73 lbs., ADJ. WW 615 lbs., ADJ. YW 1144 lbs., ACT. SC 38 cm.

Ultrasound: ADJ. % IMF 2.59, ADJ. REA 11.78 sq. in.

**OSU Catapult 8301**

**Calved:** 1/7/18  |  **AHA:** P43915734  |  **TAT:** 8301  |  **Polled**

<table>
<thead>
<tr>
<th><strong>Consortial Sires</strong></th>
<th><strong>Sire of Lots 56–61</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>TH 122 71I Victor 719T (SOD,CHB)</td>
<td>DRF JWR Prince Victor 71I (SOD)</td>
</tr>
<tr>
<td>CRR 719 Catapult 109</td>
<td>KBCR 19D Dominette 122</td>
</tr>
<tr>
<td>CRR 4037 Eclipse 808</td>
<td>THM Durango 4037 (SOD)</td>
</tr>
<tr>
<td><strong>HEREFORD BULL</strong></td>
<td><strong>HEREFORD BULL</strong></td>
</tr>
<tr>
<td>NJW 73S M326 W18 Hometown 10Y ET (CHB)</td>
<td>OSU Missy 5307</td>
</tr>
<tr>
<td>OSU Missy 2300</td>
<td>OSU Missy 2300</td>
</tr>
</tbody>
</table>

Here is a moderate BW EPD bull that will inject plenty of growth into a calf crop.

* BW 81 lbs., ADJ. WW 630 lbs., ADJ. YW 1133 lbs., ACT. SC 39 cm.

Ultrasound: ADJ. % IMF 4.20, ADJ. REA 13.12 sq. in.

---

**Stand out with Proven Genes**

**THE HEREFORD ADVANTAGE PROGRAM**

Increase added market power and brand recognition with feeder cattle sired by a Hereford bull battery ranking in the top 50% for CHBS index.

The Certified Hereford Beef Index (CHBS) is a terminal sire index that is built on a production system where Hereford bulls are used on British-cross cows with a focus on gain and end-product merit.

**PROGRAM BENEFITS:**

- EPD ranking summary
- Added market exposure
- Genetic improvement tool
- Access to AHA resources
- Get started at HerefordFeederCattle.com
CATAPULT & ROLL TIDE SONS

OSU Catapult 8302
CALVED: 1/7/18  |  AHA: 43918257  |  TAT.: 8302  |  Horned

TH 122 71I Victor 719T  {SOD,CHB}
CRR 719 Catapult 109
CRR 4037 Eclipse 808
HEREFORD BULL
NJW 73S W18 Hometown 10Y ET  {CHB}
OSU Prospectia 5303
OSU Prospectia 9324

CRED EPD      BW EPD       WW EPD       YW EPD        SC EPD      MILK EPD     CW EPD        RE EPD      MARB EPD
+5.4        +0.8        +54        +82        +0.8        +29        +70        +46        +0.4

Surefire calving ease bull that also recorded a WW ratio of 101. Posted ultrasound ratios of 102 for IMF and 105 for REA.
* BW 77 lbs., ADJ. WW 642 lbs., ADJ. YW 1142 lbs., ACT. SC 36 cm.
Ultrasound: ADJ. % IMF 4.18, ADJ. REA 14.01 sq. in.

---

CRR 028X Roll Tide 612  Sire of Lot 62

OSU Catapult 8303
CALVED: 1/9/18  |  AHA: P43916068  |  TAT.: 8303  |  Polled

TH 122 71I Victor 719T  {SOD,CHB}
CRR 719 Catapult 109
CRR 4037 Eclipse 808
HEREFORD BULL
NJW 73S W18 Hometown 10Y ET  {CHB}
OSU Missy 5302
OSU Missy 9387

CRED EPD      BW EPD       WW EPD       YW EPD        SC EPD      MILK EPD     CW EPD        RE EPD      MARB EPD
+4.3        +2.2        +56        +90        +0.9        +27        +72        +47        +12

Another dark pigmented Catapult son that is recommended for use on heifers. Posted ratios of 111 for IMF and 102 for REA.
* BW 79 lbs., ADJ. WW 629 lbs., ADJ. YW 1175 lbs., ACT. SC 37 cm.
Ultrasound: ADJ. % IMF 4.43, ADJ. REA 13.76 sq. in.

---

OSU Roll Tide 8308
CALVED: 1/17/18  |  AHA: P43916072  |  TAT.: 8308  |  Polled

Churchill Sensation 028X  {CHB,SOD}
CRR 028X Roll Tide 612
CRR 83Y Amber 418
HEREFORD BULL
KJ CJJ 610U Chevy 454Y
OSU Missy 6301
OSU Missy 2300

CRED EPD      BW EPD       WW EPD       YW EPD        SC EPD      MILK EPD     CW EPD        RE EPD      MARB EPD
-2.3        +5.2        +71        +112        +1.4        +34        +72        +58        +0.1

Stout made, heavy boned Roll Tide son. He ratioed 107 for WW and 108 for YW.
* BW 92 lbs., ADJ. WW 682 lbs., ADJ. YW 1260 lbs., ACT. SC 38 cm.
Ultrasound: ADJ. % IMF 3.41, ADJ. REA 13.23 sq. in.

---

OSU Catapult 8306
CALVED: 1/12/18  |  AHA: P43916071  |  TAT.: 8306  |  Polled

TH 122 71I Victor 719T  {SOD,CHB}
CRR 719 Catapult 109
CRR 4037 Eclipse 808
HEREFORD BULL
NJW 73S W18 Hometown 10Y ET  {CHB}
OSU Lass 5301
OSU Lass 9323

CRED EPD      BW EPD       WW EPD       YW EPD        SC EPD      MILK EPD     CW EPD        RE EPD      MARB EPD
+4.2        +1.8        +53        +84        +1.2        +31        +69        +44        +0.4

Here is another Hereford bull that can be used safely on heifers.
* BW 82 lbs., ADJ. WW 607 lbs., ADJ. YW 1141 lbs., ACT. SC 38 cm.
Ultrasound: ADJ. % IMF 3.66, ADJ. REA 13.81 sq. in.

---

OSU Lass 9323

Hereford

40th ANNUAL COWBOY CLASSIC 1 P.M., SUNDAY, APRIL 7, 2019
**The Simmental Bulls**

**lots 63 & 64**

**Mr HOC Broker**

* Sire of Lot 63

**OSU Broker 8602F**

**CALS**: 1/13/18  |  **ASA**: 3413652  |  **TAT**: 8602F  |  **Polled**

**Indexes**

<table>
<thead>
<tr>
<th><strong>API</strong></th>
<th><strong>+ Ti</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>+110</td>
<td>+64</td>
</tr>
</tbody>
</table>

**SVF Steel Force S701**

**Mr HOC Broker**

**JM BF H25**

**CNS Dream On L186**

**OSU Lacey 8600**

**CNS Dream On L186**

**OSU Lacey 8600**

- **BW 84 lbs., ADJ. WW 699 lbs., ADJ. YW 1174 lbs., ACT. SC 40 cm.**
- **Ultrasound**: ADJ. %IMF 3.28, ADJ. REA 13.31 sq. in.

**Black polled 3/4 Simmental, 1/4 Angus**

Really stout, masculine 3/4 Simmental bull sired by Broker.

* BW 84 lbs., ADJ. WW 699 lbs., ADJ. YW 1174 lbs., ACT. SC 40 cm.
  Ultrasound: ADJ. %IMF 3.28, ADJ. REA 13.31 sq. in.

---

**The Brangus Bull**

**lot 65**

**OSU Dimension 8801**

**CALS**: 1/10/18  |  **IBBA**: R10394735  |  **PHN**: 8801  |  **Polled**

**Indexes**

<table>
<thead>
<tr>
<th><strong>+ Ti</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>+140</td>
</tr>
</tbody>
</table>

**Garrett of Brinks 789P**

**Suhns Dream 894U18**

**Suhns Miss BT-M15 894524**

**VF-Oaks Online 918Y3**

**OSU New Lady 6805**

**OSU News Lady 4802**

- **BW 71 lbs., ADJ. WW 652 lbs., ADJ. YW 1084 lbs., ACT. SC 34 cm.**
  Ultrasound: ADJ. %IMF 5.49, ADJ. REA 14.86 sq. in.

**6th generation Brangus**

A really stout, massive Brangus bull that has a ton of balance and phenotype.

* BW 83 lbs., ADJ. WW 606 lbs., ADJ. YW 1161 lbs., ACT. SC 39 cm.
Thank You!

MAJOR SPONSORS

of the OSU
Department of Animal Science

Are you looking for strong, healthy calves? To stop scour in newborn calves? Healthier cattle?

Chelated minerals are between 1.8 to 5.8 times more bioavailable (depending on the mineral) & Mannanoligosaccharides will help to reduce bacterial scour in calves.

Call to find out more! Maximize profits, stop scour, increase conception and improve feed efficiency.

(800) 697-1998

Johnsons
OF KINGFISHER INC.

1801 South Main Street • Kingfisher, OK • (405) 375-5718
www.johnsonsofkingfisher.com
Same Name...Same Family...Since 1927

MAJOR SPONSOR OF OSU ANIMAL SCIENCE

The Brand That Works For You

YOUR ONLY AS GOOD AS THE GROUND YOU RIDE ON THAT'S WHY GP WORKS FOR ME.

Great Plains Kubota
Oklahoma’s Fork Line - Nichols Okla.
Add/Duncan Edward Shuster
855-4KUBOTA • GPKUBOTA.COM

RK&R
DOZER SERVICE

Call RK&R Dozer Service for all Your Excavation & Seeding Needs!

General Excavation
Oil Field Excavation
Farm and Ranch Excavation
Midland 99 Sprigging
Grass Seeding
405-880-0680
WWW.RKRDOZERSERVICE.COM

Quality Livestock Equipment since 1961

ZEITLOW DISTRIBUTING COMPANY

Major Sponsor of OSU Animal Science

Better Cattle Start with the Best Nutrition.

K.D.I.
KRETSCHMAR DISTRIBUTING, INC.
844-OK-GRHPR
GRASSHOPPERMOWER.COM

For Most
Tru-Test
Speedrite
Combine
Chore-Time
PasturePro

Committed to the Cut™

For more information please call 800.364.1605 or zeitlow.com
40th Annual Cowboy Classic
Sunday, April 7th

ANGUS | HEREFORD | SIMMENTAL | BRANGUS

27 FEMALE LOTS + 38 BULLS

Our 2019 Denver Reserve Grand Champion Angus Pen Heifers Sell