PRICKLY PEAR SIMMENTAL RANCH

INVITES YOU TO OUR ANNUAL

SIMMENTAL • SIMANGUS™ SALE

Selling
80
Bulls

FEBRUARY 3, 2018 • 1:00 PM
HELENA, MONTANA
Dear Cattlemen,

As I look back at 2017 it was one of the most trying years since I came to Prickly Pear twelve years ago. On a sad note we lost Don to a fall on July 16th. He was always looking and trying to build the best genetics for his customers. His positive, never give up attitude, sense of humor and love of Simmental cattle will be his legacy here on the ranch.

The year started off with the most snow we’ve had in the valley in twenty years. From there the calves had to endure a summer filled with heat and smoke. The grass never did cure right... going from green to crispy in a week. I am very pleased on how well the calves gained even under those extreme conditions. I stuck to the way we feel is the only way to grow our bull calves with mother’s milk and just the best grass I can find. No Creeping!!!!!

As you look over the bulls you will notice a fair number of new sires. I sampled several sires from the Hook’s program. Hooks Black Hawk calves are smaller at birth and have explosive growth to weaning, continuing a very nice gain to yearling. The Hook’s Beacon bull we found is a dream heifer bull, they have good growth and are deep bodied calves. Hook’s Baltic sired some of my heaviest muscled calves with lots of power. Our herd sire Montana Journey showed me he was the power bull I had bought him for. His calves will wean around the 800 pound mark and still have tons of eye appeal.

On the Angus side I tried to bring in some new blood lines also. We used Connealy Black Granite to add length and rib shape. Connealy Comrade calves are thick topped moderate framed cattle with great dispositions. Mohnen Long Distance was used on heifers. They come small and grow above average for a heifer bull. They should add depth of body and calving ease.

A few highlights are the embryos out of three of our donor cows. The first is the great 811U donor. She is an ER Black Cisco that has produced many top bulls and heifers. No matter who you breed her to they’re in the top of the herd. The second is T286. She is a Snake Eyes daughter who sired the bull PPSR Heavy Duty. You will see 5 of his bulls in the sale. The third is a RDDS Future prototype daughter whose calves add length and eye appeal. Our donors have to have at least four blockbuster natural calves before we ever consider flushing them.

Here’s hoping 2018 will bring a nice mild weather year.

Sincerely, Troy Wheeler

HOPE TO SEE YOU ALL AT THE SALE.
FRIDAY, February 2
All Day  Cattle on Display
6:00 PM  Pre-Sale Dinner

SATURDAY, FEBRUARY 3
8:00 AM  Cattle on Display
12:00 PM Complimentary Lunch
1:00 PM  Sale

Prickly Pear Simmental Ranch Sale Barn
2853 Canyon Ferry Road

Sale Day Phones:  406-949-1754 – Troy
                  406-439-2360 – Gary
                  406-439-3675 – Sale Day Only

Auctioneer – Roger Jacobs

SALES REPRESENTATIVES
John Goggins  Jeff Thomas  Roger Jacobs  Rachel Endecott

HOTELS
Comfort Suites 406-495-0505  •  Marriott Residence Inn 406-443-8010
Holiday Inn Express 406-442-7500  •  Wingate by Wyndham 406-449-3000

AIRCRAFTS
Helena is serviced by Delta, United and Alaska Airlines.

Call us if you need a ride!
NEW CUSTOMERS

For those of you that are new customers I just want to go over a few goals we strive for:

#1 is disposition. I see a lot of people now are putting disposition codes in their catalogs. We take great pride in the disposition of our cattle, so you can assume they’re all very docile unless noted by us.

#2 is retaining the growth while improving everything else we all want - calving ease, smaller birth weights, moderate frame size, good udders, feet, etc. Growth is one of Simmentals best assets. Some people are concentrating on birth weights so hard they are losing the growth advantage.

#3 We concentrate more on calving ease and maternal calving ease than birth weights. All the bulls in the sale were unassisted at birth.

#4 We also look at individual performance more than growth EPDs. The EPDs will change if the animal has the performance, but the animal won’t always perform just because he’s got good EPDs.

For those of you that have never actually weighed a calf I urge you to do so a few times. I think you’ll be surprised. Every time we have visitors I make them guess and they are usually about 15 pounds light!

SIGHT UNSEEN PURCHASES

We guarantee all sight unseen purchases. Call ahead of time and we will go over the offering. You can leave a bid with us or a representative, or you may bid via the phone or on the internet during the sale. You will be treated as though you are at the sale. Please call us if you need additional information.

GUARANTEE

All bulls are guaranteed breeders. As our valued customers if you have any problems at all, let us help you solve them. Our livelihood depends on your satisfaction.

TRUCKING

Trucking within 250 miles deliver free, otherwise guaranteed less than $375.00 per animal in continental USA, otherwise we will feed and deliver around April 1. We give a $125.00 per bull discount if you haul your own bulls on sale day.

VOLUME DISCOUNT...3% OFF WITH PURCHASE OF 5 OR MORE BULLS!!

DIRECTIONS TO THE RANCH

FROM I-15:

Take Custer Avenue exit (#194). Head East for a total of 3.1 miles. At the one mile mark it will reduce to a single lane and turn into Canyon Ferry Road. The sale facility will be just after a gravel pit pond on your right.

From the East on US 12:

At the west end of East Helena turn right (N) by the Exxon Gas station. (first turn after the two stoplights) go North approximately two miles to a stoplight. Turn left (W) onto Canyon Ferry Road. Go about 3/8 of a mile, our sale facility is on the left.

From the West on US 12:

Turn Left (N) at 3rd light (Henderson Street). Turn right (E) at stop sign in front of Fairgrounds(Custer). Continue East until you cross over I-15 and then use the directions from I-15 above.

The address is 2853 Canyon Ferry Road, Helena, MT 59602 if you want to use a GPS.
The bull buyer will receive full possession, 100% salvage value, and 2/3 semen interest of any bull purchased in this sale (unless otherwise noted). This means we are retaining a 1/3 semen interest in these bulls. This semen interest is a royalty interest that entitles Prickly Pear Simmental Ranch to 1/3 of the revenues of any semen sold. PPSR semen interest remains even if the bull or any interest in the bull is sold to a third party. It is the buyer’s responsibility to ensure that PPSR’s interest is upheld if semen is ever sold. The buyer must also inform any third party of PPSR’s interest if the bull is ever sold. PPSR will not be responsible for expense related to semen collection or promotion of any bull purchased, unless a mutual agreement is reached prior to semen collection or promotion. Our retained semen interest also includes the right to collect semen on the bull at our expense and the buyer’s convenience.

ACTUAL SCROTAL MEASUREMENTS

We do not believe in adjusted yearling scrotal measurements, therefore, all scrotal measurements are actual figures. Actual measurements will be taken on January 28, 2018—. All bulls under 30 centimeters will be sifted regardless of age. The bull’s testicular size is an early indicator of puberty, which is passed on to their sons and daughters. Bulls with larger testicles service more cows and produce more semen, plus their daughter’s cycle at an earlier age and have a higher conception rate.

All bulls are measured, palpated and fertility tested by Hoffman AI Breeders prior to sale. The scrotal measurements will be on a supplement sheet along with the carcass data.

Most testicular growth occurs from nine to twelve month of age. Remember to consider the age of the calf on January 28 when using these measurements.

### Beef Improvement Federation Recommendation for Scrotal circumference

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<th>Months of Age</th>
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SUGGESTED MANAGEMENT GUIDELINES FOR YEARLING BULLS

We are believers in the use of yearling bulls and feel it is one of the best years of their lives. It’s a time when the bulls are easy to manage and their only concern is breeding cows. We have found that yearling bulls that are managed carefully during the second year of their lives not only do well, but they will also perform better over time.

Below are some suggested guidelines for the care of yearling bulls:

1. Upon delivery to your ranch, keep yearling bulls separate from older bulls. Feed the yearling bulls a maintenance ration of 5-8 lbs. per head of grain and free choice hay. Reduce grain feed gradually so they are on straight hay or grass 2-4 weeks prior to breeding season.

2. When possible, try to limit the bulls to 45-60 days of pasture service the first year. At this time, or as soon as possible, remove the bulls to put them in separate pastures with plenty of good, quality grass.

3. It is best to feed yearling bulls separate from older bulls until after their second breeding season. This allows them to achieve the growth and strength necessary to compete with older bulls for feed and space.

You will see the benefits of a little added cost and care of feeding a yearling bull by probably two or three more years of service from a well managed and healthy bull.

QUICK GUIDE TO ASA EPDs AND $ INDEXES

Expected Progeny Differences (EPDs): EPDs are the most accurate and effective tool available for comparing genetic levels. In using EPDs, the difference between two sires’ EPDs represents the unit difference expected in the performance of their progeny. For example, if sires A and B have EPDs of +10 and -5, a 15-unit difference would be expected in their progeny (moving from -5 to +10 yields 15 units). Key to using EPDs is knowing what units they are expressed in. For example, if the above case referred to weaning weight EPDs, A would be expected to sire 15-pounds more weaning weight than B. If calving ease were the trait, A would be expected to sire 15-percent more unassisted births in first-calf heifers; in other words, if B sired 30 assists in a group of 100 heifers, we’d expect A to require 15 assists. A percentile-ranking chart is required to determine where a bull’s EPDs rank him relative to other bulls in the breed. For percentile rankings or more detailed information about EPDs and $ indexes visit www.simental.org. Listed below are the units ASA EPDs are expressed in:

All-Purpose Index (API): Dollars per cow exposed under an all-purpose-sire scenario. (See below for more details.)
Back Fat (BF): Inches of backfat.
Birth Weight (BW): Pounds of birth weight.
Calving Ease (CE): Percent of unassisted births when used on heifers.
Carcass Weight (CW): Pounds of carcase weight.
Maternal Calving Ease (MCE): Percent of unassisted births in first-calving daughters.
Milk (MLK): Pounds of weaning weight due to milk.
Marbling (MRB): Marbling score.
Maternal Weaning Weight (MWW): Pounds of weaning weight due to milk and growth.
Ribeye Area (REA): Square inches of ribeye.
Warner-Bratzler Shear Force (WBSF): Pounds of force required to shear a steak.
Stayability (STAY): Percent of daughters remaining in the cow herd at 6 years of age.

Terminal Index (TI): Dollars per cow exposed under a terminal-sire scenario. (See below for more details.)
Weaning Weight (WW): Pounds of weaning weight.
Yearling Weight (YW): Pounds of yearling weight.
Yield Grade (YG): Yield grade score.

$ Indexes: Though EPDs allow for the comparison of genetic levels for many economically important traits, they only provide a piece of the economic puzzle. That’s where $ indexes come in. Through well-conceived, rigorous mathematical computation, $ indexes blend EPDs and economics to estimate an animal’s overall impact on your bottom line. The same technology that led to the dramatic progress in swine, poultry and dairy genetics over the last several decades was used to develop the following $ indexes:

All-Purpose Index (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.
Terminal Index (TI): Evaluates sire for use on mature Angus cows with all offspring put on feed and sold grade and yield.

Using API and TI: First, determine which index to use; if you’re keeping replacements use API, if not, TI. Then, just as with EPDs, zero in on the unit difference between bulls. (As described above, index units are in dollars per cow exposed.) The difference can be used to determine how much a bull is worth compared to another. Or, put another way, how much you can pay for one bull compared to another. For example, when buying an all-purpose-type sire, you can quickly figure a bull scoring +100 for API is worth an extra $6,000 over a +50 bull if both are exposed to 30 cows over 4 years ($50 diff. x 30 hd. x 4 yr. = $6,000). A percentile-ranking chart is required to determine where a bull’s index value ranks him relative to other bulls in the breed. For percentile rankings or more detailed information about EPDs and $ indexes.
# Reference Sires

## American Simmental Association EPD Search Results

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### SimAngus Bulls

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### Angus Bulls

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**Lot 1: PPSR HEAVY DUTY 4E**  
**ASA# (3300655)**  
**Tattoo: 4E • BD: 1/28/17**  
**Black • Polled • 1/2 Simmental**  
**Sire: PPSR HEAVY DUTY 16C**  
**Baldridge Blackbird M565**  
**Dam: MISS PRICKLY PEAR 731T**  
**MCC Conduct 499**  
**EPDs**  
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<th>WDA</th>
<th># Calves</th>
<th>Ratio</th>
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<th>BW</th>
<th>WW</th>
<th>MCE</th>
<th>MM</th>
<th>MWW</th>
<th>CW</th>
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Lot 1 has been one of my favorite bulls from day one. He is a deep bodied bull that has a 205 wt of 791 pounds. He ranks in the top 5 percent of the breed for MCE and MILK.

**Lot 2: PPSR LONG DISTANCE 6E**  
**ASA# (3300713)**  
**Tattoo: 6E • BD: 1/28/17**  
**Black • Polled • 1/2 Simmental**  
**Sire: MOHNEN LONG DISTANCE 1639**  
**MOHNEN BRUSHPOPPER 295**  
**Dam: MISS PRICKLY PEAR 5209**  
**MISS PRICKLY PEAR Z222**  
**EPDs**  
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<th>MM</th>
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This Long Distance son ranks in the top 10 percent of the breed for CE, WW, MCE and TI.

**Lot 3: PPSR DEACON 9E**  
**ASA# (3300582)**  
**Tattoo: 9E • BD: 1/30/17**  
**Black • Polled • 1/2 Simmental**  
**Sire: GIBBS 1100Y HY DEACON**  
**GIBBS 0128W MABELLE N341**  
**S A V FINAL ANSWER 0035**  
**Dam: MISS PRICKLY PEAR 083X**  
**MISS PRICKLY PEAR 887H**  
**EPDs**  
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<th>BW</th>
<th>WW</th>
<th>MCE</th>
<th>MM</th>
<th>MWW</th>
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<tr>
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<td>709</td>
<td>65</td>
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<td>7 @ 97</td>
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<td>15.4</td>
<td>0.3</td>
<td>73.7</td>
<td>112.1</td>
<td>8.6</td>
<td>22.3</td>
<td>59.2</td>
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<td>0.26</td>
<td>-0.021</td>
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</table>

Lot 3 is a Deacon son that has great spring of rib and depth. His dam has a calving interval of 358 days on 6 calves.

**Lot 4: PPSR HOMESTEADER 12E**  
**ASA# (3300657)**  
**Tattoo: 12E • BD: 1/30/17**  
**Black • Polled • 1/2 Simmental**  
**Sire: S A V HOMESTEADER 7282**  
**S A V ERICA 5242**  
**H O OKS PACESETTER 8P**  
**Dam: MISS PRICKLY PEAR 928W**  
**MISS PRICKLY PEAR H801**  
**EPDs**  
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<th>WDA</th>
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<th>Ratio</th>
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<th>BW</th>
<th>WW</th>
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<th>MM</th>
<th>MWW</th>
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<tbody>
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<td>98</td>
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<td>87.9</td>
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This Homesteader son will add length and thickness to cattle. He ranks in the Top 1 percent of the breed for milk. His dam has ratioed 103 on 7 calves bred to 6 different sires.
### Lot 5
**PPSR BLACK GRANITE 23E**
ASA# (3300540)

- **Tattoo:** 23E  •  **BD:** 2/5/17
- **Color:** Black  •  **Type:** Homo Polled  •  **Breed:** 1/2 Simmental
- **Sire:** CONNEALY BLACK GRANITE
  - **Dam:** MISS PRICKLY PEAR 504R
- **EPDs**:
  - CE  BW  WW  YW  MCE  MM  MWW  CW  YG  MB  BF  REA  API  TI
  - 19.8  -3.4  52.7  85.9  14.8  25.1  51.4  16.5  -0.22  0.38  -0.021  0.6  155  72
- **Adjustments:**
  - BW  696
  - WW ratio  94
  - WW ratio  2.94
  - CCalves Ratio  8 @ 101

Lot 5 is out of a twelve year old cow that has ratioed 101 on 10 calves bred to 9 different sires. He has the highest Maternal Calving Ease Epd at 14.6 that ranks in the Top 1/2 percent of the breed.

### Lot 6
**PPSR BLACK GRANITE 24E**
ASA# (3300535)

- **Tattoo:** 24E  •  **BD:** 2/6/17
- **Color:** Black  •  **Type:** Polled  •  **Breed:** 1/2 Simmental
- **Sire:** CONNEALY BLACK GRANITE
- **Dam:** MISS PRICKLY PEAR 807U
- **EPDs**:
  - CE  BW  WW  YW  MCE  MM  MWW  CW  YG  MB  BF  REA  API  TI
  - 12.5  1.4  71.9  111.2  18.5  23.7  56.6  38.1  -0.14  0.34  -0.012  0.7  129  75
- **Adjustments:**
  - BW  892
  - WW ratio  105
  - WDA  3.25
  - CCalves Ratio  8 @ 105

Lot 6 is a deep bodied Black Granite son that ranks in the Top 2 percent of the breed for Maternal Calving Ease. His dam has ratioed 105 on 8 calves and ratioed 112 for IMF on 5 calves.

### Lot 7
**PPSR E. 9598 27E**
ASA# (3300472)

- **Tattoo:** 27E  •  **BD:** 2/6/17
- **Color:** Black  •  **Type:** Homo Polled  •  **Breed:** 1/2 Simmental
- **Sire:** SITZ EM BLAZON 9598
- **Dam:** MISS PRICKLY PEAR 811U
- **EPDs**:
  - CE  BW  WW  YW  MCE  MM  MWW  CW  YG  MB  BF  REA  API  TI
  - 11.2  2.7  67.3  109.5  5.1  30.6  64.3  39.4  -0.95  0.34  -0.024  0.32  129  71

Lot 7 and 16 are embryo’s out of our top donor cow. They are deep ribbed big volume cattle that add performance. Their dam ratioed 108 on her first 5 calves bred to 5 different bulls.

### Lot 8
**PPSR LONG DISTANCE 29E**
ASA# (3300707)

- **Tattoo:** 29E  •  **BD:** 2/6/17
- **Color:** Black  •  **Type:** Homo Polled  •  **Breed:** 1/2 Simmental
- **Sire:** MOHNEN BRUSH POPPER 285
- **Dam:** MISS PRICKLY PEAR 524C
- **EPDs**:
  - CE  BW  WW  YW  MCE  MM  MWW  CW  YG  MB  BF  REA  API  TI
  - 19.6  -3.3  64.8  100.6  10.4  24.9  57.3  24.9  -0.17  0.54  -0.038  0.42  159  83
- **Adjustments:**
  - BW  787
  - WW ratio  107
  - WDA  3.09
  - CCalves Ratio  1 @ 107

This Long Distance son is out of a first calf heifer that ratioed 107 on 205 Wt with 108 contemporaries.
Lot 9

**PPSR HEAVY DUTY 30E**

**AS# (3300653)**

- **Tattoo**: 30E • **BD**: 2/6/17
- **Color**: Black • **Polled**: 1/2 Simmental
- **Sire**: CONNEALY COMRADE 1385
- **Dam**: MISS PRICKLY PEAR 303C
- **EPDs**:
  - BW: 80
  - Adj. WW: 734
  - WW ratio: 99
  - WDA: 3.34
  - #Calves: 1 @ 99

This long made bull is out of a first calf heifer that really out did herself. He ranks in the top 2% of the breed for Ribeye area. He also has the third highest Maternal Calving Ease EPD and the second highest TI EPD.

Lot 10

**PPSR COMRADE 34E**

**AS# (3300571)**

- **Tattoo**: 34E • **BD**: 2/7/17
- **Color**: Black • **Polled**: 1/2 Simmental
- **Sire**: CONNEALY COMRADE 1385
- **Dam**: MISS PRICKLY PEAR 503C
- **EPDs**:
  - BW: 20.8
  - Adj. WW: 660
  - WW ratio: 69
  - WDA: 2.84
  - #Calves: 1 @ 69

Lot 10 is out of a first calf heifer that really out did herself. He ranks in the top 2% of the breed for Ribeye area. He also has the third highest Maternal Calving Ease EPD and the second highest TI EPD.

Lot 11

**PPSR LONG DISTANCE 36E**

**AS# (3300712)**

- **Tattoo**: 36E • **BD**: 2/7/17
- **Color**: Black • **Polled**: 1/2 Simmental
- **Sire**: CONNEALY COMRADE 1385
- **Dam**: MISS PRICKLY PEAR 399C
- **EPDs**:
  - BW: 19.9
  - Adj. WW: 660
  - WW ratio: 69
  - WDA: 2.84
  - #Calves: 1 @ 69

Lot 11 should make an excellent heifer bull with good performance.

Lot 12

**PPSR COMRADE 42E**

**AS# (3300567)**

- **Tattoo**: 42E • **BD**: 2/8/17
- **Color**: Black • **Polled**: 1/2 Simmental
- **Sire**: CONNEALY COMRADE 1385
- **Dam**: MISS PRICKLY PEAR 067X
- **EPDs**:
  - BW: 19.8
  - Adj. WW: 660
  - WW ratio: 69
  - WDA: 2.84
  - #Calves: 1 @ 69

This bull ranks in the top 3 percent of the breed for Birth Weight.

Lot 13

**PPSR HOMESTEADER 45E**

**AS# (3300656)**

- **Tattoo**: 45E • **BD**: 2/9/17
- **Color**: Black • **Polled**: 1/2 Simmental
- **Sire**: SAV HOMESTEADER 7282
- **Dam**: MISS PRICKLY PEAR 137Y
- **EPDs**:
  - BW: 13.5
  - Adj. WW: 670
  - WW ratio: 69
  - WDA: 2.93
  - #Calves: 5 @ 60

Here’s another long made Homesteader son with a big top. The Homesteader bull sires added length and great disposition.
Lot 14 is out of a twelve year old daughter of Preferred Beef that has raised a herd bull for Prickly Pear. His dam has raised 101 on 11 calves at weaning.

Lot 15 ranks in the Top 5 percent of the breed for Calving Ease and Maternal Calving Ease. He also has the second highest Calving Ease EPD in the sale. Heifer Bull!

Lot 17 is out of a first calf heifer. He ranks in the Top 1 percent of the breed for Calving Ease and Maternal Calving Ease. He also ranks in the top 5% of the breed for Birth Weight and Ribeye.

Lot 18 is a moderate framed Courage son that ranks in the Top 1% of the breed for both Calving Ease and Maternal Calving Ease. He also ranks in the top 5% of the breed for Birth Weight and Ribeye.
Lot 20 is a long made son of PPSR Heavy Duty who’s dam has ratioed 105 for IMF and 111 for Back Fat on 2 calves.

Lot 21 and lot 27 are Embryo brothers out of the great Snake Eyes donor that raised the PPSR Heavy Duty. His Dam has ratioed 105 at birth, 103 at weaning and 102 at yearling on 8 calves bred to 8 different sires. Both embryos have great length of body and rank in the top 1% of the breed for ribeye.

This son of Black Granite ranks in the Top 5% of the breed in CE, BW, MCE and REA epd's.

Lot 23 is a thick made bull that has a great set of Epd's.

If you're looking for longevity, here's the bull. His dam is 13 years old and still ratioed 105 at weaning with 108 contemporaries.

Lot 25 is out of a great Packer 547 cow that always has a good calf year after year. He ranks in the Top 2% of the breed for Maternal Calving ease.
**26 PPSR BLACK GRANITE 89E ASA# (3300533)**

Tattoo: 89E • BD: 2/18/17
Black • Polled • 1/2 Simmental
Sire: CONNEALY BLACK GRANITE
   - EURA ELGA OF CONANGA 9109
Dam: MISS PRICKLY PEAR 059K

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This Black Granite son does it all from a well balanced set of EPd’s to ratioing 111 at weaning with 108 contemporaries.

**27 PPSR BLACK GRANITE 93E ASA# (3300789)**

Tattoo: 93E • BD: 2/20/17
Black • Polled • 1/2 Simmental
Sire: CONNEALY BLACK GRANITE
   - EURA ELGA OF CONANGA 9109
Dam: NLC T286 TAMRA
   - NLC LL326 LIONE

<table>
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Lot 27 and lot 21 are Embryo brothers out of the great Snake Eyes donor that raised the PPSR Heavy Duty. His Dam has ratioed 105 at birth, 103 at weaning and 102 at yearling for Calving Ease and Birth weight.

**28 PPSR LONG DISTANCE 95E ASA# (3300705)**

Tattoo: 95E • BD: 2/20/17
Black • Polled • 1/2 Simmental
Sire: MOHLEN LONG DISTANCE 1639
   - BALKRIDGE BLACKBIRD M565
Dam: MISS PRICKLY PEAR 849U
   - MISS PRICKLY PEAR 109L

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<th>MCE</th>
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His dam has ratioed 102 at weaning on 8 calves. He ranks in the Top 5% of the breed for Calving Ease and Birth weight.

**29 PPSR BLACK GRANITE 97E ASA# (3300531)**

Tattoo: 97E • BD: 2/21/17
Black • Polled • 1/2 Simmental
Sire: CONNEALY BLACK GRANITE
   - EURA ELGA OF CONANGA 9109
Dam: MISS PRICKLY PEAR 383A
   - MISS PRICKLY PEAR 021K

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Lot 29 ratioed 105 at weaning with 108 contemporaries. His dam has ratioing 107 on her first three calves.

**30 PPSR MACK 99E ASA# (3300719)**

Tattoo: 99E • BD: 2/22/17
Black • Polled • 1/2 Simmental
Sire: BLEVINS COMRADE 5928
   - MYTTY BARBARA PERFECTION 229
Dam: MISS PRICKLY PEAR 564C
   - MISS PRICKLY PEAR 236Z

<table>
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<td>-0.015</td>
<td>0.76</td>
<td>155</td>
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</table>

Lot 30 is a moderate framed bull out of a first calf heifer that ranks in the top 15% of the breed for Calving Ease. He ratioed 102 at weaning with 108 contemporaries.

**31 PPSR MACK 100E ASA# (3300723)**

Tattoo: 100E • BD: 2/22/17
Black • Polled • 1/2 Simmental
Sire: BLEVINS COMRADE 5928
   - MYTTY BARBARA PERFECTION 229
Dam: MISS PRICKLY PEAR 590C
   - MISS PRICKLY PEAR U547

<table>
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<tr>
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<th>MCE</th>
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Here’s a heifer bull that had a birth weight ratio of 112 with 150 contemporaries.
Lot 35 ranks in the top 15% of the breed for Weaning and Yearling Weight.

Lot 35 is a true performance bull. He has a 805 pound 205 wt with a ratio of 112. His dam has a weaning ratio of 105 on 5 calves.

Lot 37 is a moderate framed Courage son with an excellent disposition. He ranks in the top 2% of the breed for Calving Ease.

Lot 38 ranks in the Top 5% of the breed in IMF.
**39 PPSR PETE 118E**  
ASA# (3300772)

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<th>BW</th>
<th>Adj. WW</th>
<th>WW ratio</th>
<th>WDA</th>
<th>#Calves Ratio</th>
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<tr>
<td>82</td>
<td>794</td>
<td>106</td>
<td>3.13</td>
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</table>

Lot 39 is out of a first calf heifer. He ratioed 106 at both Birth and Weaning.

**40 RKNWHRT HEAVY DUTY 26E**  
ASA# (3331146)

<table>
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<tr>
<td>96</td>
<td>672</td>
<td>94</td>
<td>2.78</td>
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Lot 40 is a moderate framed Heavy Duty son.

**41 PPSR BLACKHAWK 5E**  
ASA# (3300552)

<table>
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<tr>
<td>78</td>
<td>740</td>
<td>100</td>
<td>3.12</td>
<td>1 @ 100</td>
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Lot 41 is a Black Hawk son that ranks in the Top 10% of the breed in 6 Epd's.

**42 PPSR BLACKHAWK 7E**  
ASA# (3300546)

<table>
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<tr>
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<tr>
<td>82</td>
<td>722</td>
<td>97</td>
<td>3.01</td>
<td>6 @ 100</td>
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</table>

Lot 42 is out of one of the best cows families on the ranch. His dam is a sibling to Lots 47,50,51 and 52. His dam has ratioed 106 at both Birth and Weaning.

**43 PPSR DEACON 14E**  
ASA# (3300584)

<table>
<thead>
<tr>
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<tr>
<td>88</td>
<td>728</td>
<td>98</td>
<td>3.03</td>
<td>3 @ 95</td>
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One of the best Deacon sons I've raised from disposition to depth and thickness. He puts it all together.

**44 PPSR BLACKHAWK 28E**  
ASA# (3300550)

<table>
<thead>
<tr>
<th>BW</th>
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<th>WW ratio</th>
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<tr>
<td>82</td>
<td>858</td>
<td>116</td>
<td>3.55</td>
<td>1 @ 116</td>
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This could be the most well balanced bull in the sale. He's out of a first calf heifer that out did herself with her first calf having a 856 lb 205 wt and ratios at 116. He ranked 3 out of 108 contemporaries.
Lot 47 is the first of three embryos out of the amazing 7004T donor. She has ratioed 105 at weaning on 9 calves and 102 at Yearling bred to 9 different sires. These Black Hawk embryos have thick tops and butts.

Lot 46 ranks in the Top 1% of the breed for Birth Weight and the Top 10% for Calving Ease.

Lot 48 is a high Calving Ease low birth weight bull that ranks in the Top 2% for both Epd’s.

Lot 49 is a high API and TI son of National.
50  PPSR BLACK HAWK 69E  ASA# (3300467)

Tattoo: 69E  •  BD: 2/14/17
Black  •  Homo Polled  •  5/8 Simmental

HOOK’S XAVIER 14X

Sire: HOOK’S BLACK HAWK 50B

RDDS FUTUREPROTOTYPE 13M

Dam: MISS PRICKLY PEAR 7004T

65R/MS PRICKLY PEAR 572R

Embryo brother to Lots 47 and 51. They’re out of the amazing 7004T donor. She has ratioed 105 at weaning on 9 calves and 102 at Yearling bred to 9 different sires. These Black Hawk Embryos have thick tops and butts.

51  PPSR BLACK HAWK 73E  ASA# (3300463)

Tattoo: 73E  •  BD: 2/15/17
Black  •  Homo Polled  •  5/8 Simmental

HOOK’S XAVIER 14X

Sire: HOOK’S BLACK HAWK 50B

RDDS FUTUREPROTOTYPE 13M

Dam: MISS PRICKLY PEAR 7004T

65R/MS PRICKLY PEAR 572R

Embryo brother to Lots 47 and 51. They’re out of the amazing 7004T donor. She has ratioed 105 at weaning on 9 calves and 102 at Yearling bred to 9 different sires. These Black Hawk Embryos have thick tops and butts.

52  PPSR BOSS 84E  ASA# (3300783)

Tattoo: 84E  •  BD: 2/17/17
Homo Black  •  Homo Polled  •  5/8 Simmental

KOCH LC MONTE 803U

Sire: LRS RANGE BOSS 901Z

RDDS FUTUREPROTOTYPE 13M

Dam: MISS PRICKLY PEAR 7004T

65R/MS PRICKLY PEAR 572R

Here’s the natural calf out of the great 7004T donor. He’s a big hipped bull with lots of added length. His dam has been flushed every spring for the last 4 years and still AI’s back right away.
53 PPSR BLACKHAWK 18E  
Tattoo: 18E  •  BD: 2/2/17
Black  •  Polled  •  3/4 Simmental

HOOK'S XAVIER 14X

Sire: HOOK'S BLACK HAWK 50B
- HOOK'S YVETTE 100Y

MISS PRICKLY PEAR 310A
- MISS PRICKLY PEAR 040X

EPDs

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<td>0.33</td>
<td>-0.026</td>
<td>0.04</td>
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One of the heaviest bulls on test. He posted a 829 lb 205 wt and just kept the gas to the floor in the feedlot. His dam has ratioed 109 at weaning on her first 3 calves. He ratioed 112 at weaning ranking 6 out of 108 contemporaries.

54 PPSR DEACON 57E  
Tattoo: 57E  •  BD: 2/11/17
Black  •  Polled  •  3/4 Simmental

COLEMAN REGIS 904

Sire: GIBBS 1100Y HY DEACON
- GIBBS 9125W MABELLE N341

MISS PRICKLY PEAR A315
- MISS PRICKLY PEAR G762

EPDs

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<td>0.15</td>
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The dam to lot 54 has ratioed 103 at weaning on her first three calves.

55 PPSR MONTE 59E  
Tattoo: 59E  •  BD: 2/12/17
Black  •  Polled  •  3/4 Simmental

GW LUCKY CHARM 665K

Sire: KOCH LC MONTE 803U
- LRS MS REVOLUTION 656S

MISS PRICKLY PEAR Z204
- MISS PRICKLY PEAR G754

EPDs

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<td>-0.11</td>
<td>0.21</td>
<td>-0.014</td>
<td>0.37</td>
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A low birth son of Monte who’s dam has ratioed 121 at birth on 4 calves.

56 PPSR NATIONAL 77E  
Tattoo: 77E  •  BD: 2/16/17
Black  •  Polled  •  3/4 Simmental

GW PREDESTINED 701T

Sire: JC MR NATIONAL 610Y
- JC MISS USBP 610S

MISS PRICKLY PEAR 598C
- MISS PRICKLY PEAR 851U

EPDs

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<td>-0.96</td>
<td>0.4</td>
<td>-0.026</td>
<td>0.25</td>
<td>144</td>
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57 PPSR BLAZER 91E  
Tattoo: 91E  •  BD: 2/19/17
Black  •  Polled  •  3/4 Simmental

LIFETIME BLAZER 457

Sire: ELLINSON BLAZER X37
- ELLINSON MS MR MT R562

MISS PRICKLY PEAR 531C
- MISS PRICKLY PEAR 358A

EPDs

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<td>28.4</td>
<td>-0.17</td>
<td>0.29</td>
<td>-0.014</td>
<td>0.46</td>
<td>140</td>
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Another good Blazer heifer bull that still recorded a 756 pound 205 wt.

58 PPSR GOLD RUSH 103E  
Tattoo: 103E  •  BD: 2/25/17
Black  •  Polled  •  3/4 Simmental

R PLUS KING OF THE YUKON

Sire: SAS MT GOLDRUSH A031
- SAS T036 SERENA

MISS PRICKLY PEAR 448B
- MISS PRICKLY PEAR 039X

EPDs

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<td>0.12</td>
<td>-0.043</td>
<td>0.56</td>
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</table>

Lot 58 ratioed 104 at weaning with 108 contemporaries.
Lot 59 has the third highest API in the sale. He also ranks in the top 1% of the breed for Calving Ease and Birth weight.

Lot 60 has the third highest BW in the sale. He also ranks in the top 1% of the breed for Calving Ease and Birth weight.

Lot 62 is out of a first calf heifer. He has a 205 day weight just under 800 pounds with a ratio of 104.

Lot 63 is a high Calving Ease Low Birth Weight Beacon son that ranks in the Top 1% of the breed for both. He also ranks in the top 1% of the breed for Ribeye area.
Here’s another high Calving Ease low birth weight son of the Beacon bull.

Lot 65 posted a Weaning ratio of 105 with 108 contemporaries. He ranks in the Top 1% of the breed for API and TI. Also ranks in the top 2% of the breed for Maternal Calving Ease and TI.

Lot 66 is a big topped son of Baltic.

Lot 67 posted a Weaning ratio of 105 with 108 contemporaries. He ranks in the Top 1% of the breed for API and TI. Also ranks in the top 2% of the breed for birth weight.

This is a Blazer son that will be getting used some in our herd. He posted the heaviest 205 weight at 891 pounds with a ratio of 120. His dam has an average Weaning ratio of 112 on her first two calves.
Lot 75 ranks in the top 1% of the breed for Birth Weight and Top 10% for Calving Ease. The dam of Lot 75 has proved that she is going to be one of herds top cows averaging 106 at weaning on her first two calves.

The Big John cattle are fast becoming some of the top cows and bulls year after year. The Steers harvested sired by Big John are averaging 59.4 dressing percentage.

Lot 74 ratioed 109 at weaning with 108 contemporaries. His dam has ratioed 102 at weaning on her first three calves.

The Big John cattle are fast becoming some of the top cows and bulls year after year. The Steers harvested sired by Big John are averaging 59.4 dressing percentage.
This bulls dam is a perfect uddered ClubKing daughter that posted an average weaning ratio of 107 on her first three calves.

Lot 77 is another big topped thick hipped son of Montana Journey. He ranks in the top 2% of the breed for Weaning Weight Epd.

Lot 78 has a 815 pound 205 wt that ratioed 110 and ranked 12 out of 108 contemporaries.

Lot 79 is by far the best Montana King son I have raised. He posts the third highest Weaning Weight Epd and Third highest 205 weight in the sale.

This thick made son of Montana Journey posts the second highest Weaning Weight Epd and the Highest Yearling Weight Epd in the sale.
Donald Lee Burnham, 83, of Helena, died on July 16th, 2017 at St. Patrick's Hospital in Missoula, five days after an accidental fall at his Helena valley home. Every member of his immediate family surrounded him in his passing. Don battled Parkinson Disease for over 30 years, always with a positive attitude, sense of humor, and the desire to keep going.

Don was born at St. Patrick’s Hospital in Missoula, Montana on January 4, 1934 to Harry and Marie (Plummer) Burnham. As a young boy, Don discovered his passion for agriculture. During the war, hard work and honest sweat became the building blocks of his character. He learned how to grow a victory garden with his grandparents. Don started his first independent agricultural business at the age of eleven. He negotiated with a neighbor to rent and farm a small plot of land where he raised and sold raspberries. Don went on to begin his career in animal husbandry by raising and selling rabbits. One of Don’s favorite stories was how he and his cousin got the keen idea to dye some of the bunnies to help them sell better at Easter.

Don graduated from Missoula County High School in 1952. He was a respected member of the track team and one of the top distance runners in the state. Participating in FFA and Vo-Ag created a solid foundation for Don’s lifelong career in agriculture. Don’s first trip out of Montana was to attend the FFA National Convention in Kansas City as the president of the Missoula Chapter. He took the money he earned from his FFA projects and started college with $150 in his pocket.

An ardent MSU supporter and 60-year alum, Don attended Montana State College (University) in Bozeman and majored in animal science. In 2014, he was honored with the Outstanding Agricultural Leader Award from MSU College of Agriculture. To finance his education, Don washed dishes for 50 men as a member of the Sigma Nu fraternity and worked the night desk at the Baxter Hotel. His strong focus to achieve his goals and dedication to excellence paid off.

In his junior year, he received the Danforth Fellowship for being the outstanding junior in the Department of Agriculture as well as a scholarship from Ralston Purina. He quit washing dishes and became a counselor in the new men’s dorm.

While attending college, Don met the love of his life Nancy Lichtwardt, of Helena. Following his graduation in 1956, Don went on to U.S. Naval Officer’s Training School and served four years as a Navy Aviation Navigator. He was stationed in Hawaii and Guam, flying with the Seventh Fleet. Don took a short leave from duty to return home to Montana following Nancy’s graduation from MSC. They were married at St. Peter’s Episcopal Cathedral in Helena on April 12, 1958 and began their wonderful journey together in Guam. The couple shared a beautiful life filled with memorable times and hard work while making numerous friends along the way during their 59 years of marriage.

Don and Nancy raised three sons, Kurt, Kent and Gary and a daughter Marla. Don especially enjoyed family camping trips between hay cuttings that included fishing and huckleberry picking. It was life’s simple pleasures such as stopping for ice cream, coin collecting, playing cribbage and spending time with his grandchildren that really put a smile on his face. Don was an amazing father who loved deeply, guided gently, and never wavered in his support for all of his children’s endeavors.

Don and Nancy started Prickly Pear Ranch in 1962 with the first cows being purchased from the local packing plant for eleven cents per pound. In 1968, the Simmental breed caught Don’s attention and by 1972 he imported the first purebred Simmental bull to Montana. The first black, polled Simmental bull in the world was born on the ranch in 1979. In ensuing years, he sold cattle into 40 states, Mexico, Canada and Kazakhstan. A renowned and highly respected cattleman, Don spent 13 years on the Montana Simmental Board of Directors and six years on the American Simmental Board. In 1999, Don was one of three ranchers to receive the World Simmenthal Golden Book Award, a very distinguished honor. He also received the Montana Simmental Association Pioneer Award in 2006. As a dedicated American Simmental Association charter member, Don attended World Simmental Federation meetings in the USA, Canada, Austria, Brazil, Ireland and Scotland/England. Don exclaimed, “The best part of the Simmental breed is the lifetime friendships that develop.”

Always interested in issues relevant to his community, agriculture, the ranching industry, and his family, Don was active in several organizations and boards. He served as President of the Prickly Pear Water Users, Lewis & Clark County Farm Bureau and the 4-H Community Center. He was on the Helena Chamber of Commerce Board of Directors. Don was a member of the Montana Stock Growers, the National Cattlemen Beef Association, and, for 45 years, he was a representative for American Breeders Service. From 1988 to 2000, Don made ten trips to Africa as a consultant on animal health, nutrition, and genetic programs in Nigeria. Don was active, along with Nancy, in Lewis & Clark County 4-H for over twenty years as a parent, leader, judge, and volunteer.

Visitors were always welcome at the ranch. It can be said that Don never met a stranger. He will always be remembered for his fabulous stories and funny jokes. Don was a very generous man who shared his experiences, knowledge and wisdom without hesitation. Don and Nancy opened gates and doors to guests from around the world including foreign exchange students, a Friendship Force gathering of 200 Japanese visitors and their host families, plus a wide range of travelers from 34 countries.

Don always enjoyed getting out to meet people and explore. He was always up for traveling with Nancy, especially to their winter getaway in Texas, playing bridge with great friends, and spending time with family.

The word retirement was not in Don's vocabulary -- he dedicated his life to being a steward of the land, a caretaker of the herd, and a man of integrity who could always be counted on as a helpful neighbor, a trustworthy friend, and a devoted family man.

Don is survived by his wife Nancy, sons Kurt (Delores), Kent (Lynne), Gary (Loretta) and a daughter Marla Maharg (Sean). He was a proud grandfather to ten grandchildren: Hunter Joppa (Doug), Connor and Mason Burnham, Shawna Alexander (John), Shannon Currier (Rob), Jaden, Kyler, Treven, Dylan and Juliah Maharg, and also four great-grandchildren: Isabella, David, and Daniel Alexander and Rose Currier. He is also survived by his brother Neil Burnham of Toronto, Ontario, sister Joyce (LeRoi) Smith from Seeley Lake, MT, plus numerous cousins, nieces and nephews. He was preceded in death by his mother, Marie Wise, step-father Lloyd Wise, father Harry Burnham, step-mother Velma Burnham, and sister Nancy Blake.
PPSR SENIOR HERD SIRES

PPSR King Easy 5Z
Gibbs Big John
Ellingson Blazer
PPSR Montana King