CROUTHAMEL CATTLE COMPANY

Spring Bull Sale

Wednesday, February 27, 2019 • 1 p.m.

Double M Sale Facility • Stanfield, OR
Welcome Cattlemen & Friends,

We are honored that this sale book has caught your attention and garnered some of your valuable time. We realize most of you are in the busiest, but yet most rewarding season of the year. We are very excited to share with you, what we believe, to be our best offering to date. The bulls are moderate, thick, extremely deep bodied, and very uniform from end to end.

When it comes to customer service, we believe the first step is to offer a uniform product, with little variation, that is backed by a program. We have been dedicated to this offering over the last 12 years as we have assembled a breeding program that has focused and put extreme selection pressure on maternal value and performance. It has taken us some time to assemble donor females and cow-families that have stood the test of time, and earned their place in our program.

This program doesn’t spend a lot of time talking about top 1% trait or pushing a bunch of “genetically enhanced” EPDs at our program or yours. We do, however, put a tremendous value on individual’s actual weights and ratios, as they have been developed in a program with true contemporary groups. We collect and turn in all measurements, put these bulls on test, and provide all the actual documented data in this Sale book. The cattle that didn’t make the cut have been taken out. The bulls being offered have data that speaks for itself. You can analyze how they ratioed against their contemporaries in the same real-world environment. We have also continued our dedication to scanning both the bulls and heifers for carcass traits and have continued to do so for 12 years. I strongly believe that Angus cattle marble and marble well, but I have continued to focus on breeding cattle that have a lot of REA (rib eye area) per CWT. That’s what it takes to make feeder cattle that excel on a grid, they need to marble enough to grade but need enough Ribeye to yield. I strongly believe that measuring these cattle and sorting them based on actual measurement is the only way to make genetic progress that moves in the right direction.

Crouthamel Bulls and Customer Service
- Large sire groups with many full siblings out of our top producing cows
- Bulls have documented data for all weights and measurements including ultrasound
- Large and accurate contemporary grouping for more correct comparison
- A program that uses a “no second chance” philosophy with in our breeding program
- Neither bulls or the cowherd have ever seen a hoof trimmer
- Top 140 out of 225 bull calves will sell
- Guaranteed to work for you. A no questions insurance policy if they don’t
- Marketing assistance for your Crouthamel sired feeder cattle
- Lifetime production history listed on every bull’s dam in the Pedigree Box
- We are available any time to visit with you on how to use this data in your selection process
- Delivery available, or $100 credit/bull if you take bulls home sale day. Will also feed bulls at no charge until April 1.

We have enjoyed a great year at the ranch. We welcomed our third and final boy to the crew in early October and truly enjoy raising 3 boys on a ranch day in and day out. We have enjoyed working with many of you as we marketed your feeder cattle this last fall and have continued to hear good feedback from the feedlots on how our genetics have performed and fed. Please stop in any time to look at the cattle or call to let us know how we can help you. We are dedicated to this industry, our cowherd and you our customer.

-Cory

JOIN US FOR OUR PRE-SALE DINNER

We invite you to our customer appreciation dinner and social at Shiki Hibachi Sushi hosted by Crouthamel Cattle Co, Big Blue Sale Barn, and Barta Cattle. We are privileged to have Jim Barta of Barta Cattle and Founder of Big Blue Sale Barn out for our annual event. Based out of Freemont Nebraska, they are one of the largest Natural Feeders in the country, and a strong advocate of Northwestern Cattle and Crouthamel Sired Genetics. Cory has worked closely with Jim procuring feeder cattle for his operation and BBSB for the last 10 years.

The Crouthamel Cattle sired calves we have procured for Barta Cattle have fed extremely well and have caught the attention of Jim. He would like the opportunity to put as many Crouthamel sired calves into his program as he can get.

Crouthamel Cattle is dedicated to being your source of genetics, and we are motivated to assist you in the marketing of your feeder cattle at the top end of the market. We work diligently throughout the year filling orders and procuring program feeder cattle for our feeder customers. We look forward to our appreciation dinner and the opportunity to visit about how our programs can mutually benefit one another.

The bulls will be available to view all day on Tuesday and we look forward to assisting you with hotel accommodations. Please be our quest and RSVP with Shannon at 509-855-2956 or shannon@crouthamelcattle.com. There is a hotel block with a special bull sale rate and Shannon would be happy to help secure your room arrangements.

Shiki Hibachi Steakhouse 1240 N. First St. Hermiston, OR 97838 (541) 303-1558 Dinner served at 6:30
WEDNESDAY, FEBRUARY 27, 2019 • DOUBLE M SALE FACILITY • STANFIELD, OR • 1:00 PM

AUCTIONEER: Rick Machado (805) 501-3210

SALE MANAGEMENT:

SALE DAY PHONES:
Cory Crouthamel (509) 948-6304
John Dickinson (916) 806-1919
Jake Parnell (916) 662-1298
Shannon Crouthamel (509) 855-2956

LIVESTOCK REPRESENTATIVES:
Logan Ipsen, Western Livestock Journal (916) 947-2392
Mark Frisbie, Western Ag Reporter (208) 890-4517
Rod Wesselman, Wesselman Livestock (509) 750-2185
Eric Drees, 7 Rivers Livestock Commission (208) 329-4808
Jake Troutt, American Angus Association (208) 921-6774
Matt Macfarlane (916) 803-3113

LIVESTOCK INSURANCE:
Standard mortality coverage is available as well as a mortality [+ loss of use] coverage. There are rates for six month and twelve month policies.

FIRST BREEDING SEASON GUARANTEE:
All bulls selling for $2500 or more will be covered 50% by the seller through the first 90 days of turnout. 50% of the value of the injured bull minus one-half salvage value will be given as credit in a future sale or toward a replacement bull if one is available. A veterinarian must diagnose all injured bulls. Please notify us as soon as possible should an injury occur and prior to bull being sold for salvage. ALL CLAIMS MUST BE MADE BY SEPTEMBER 1, 2019.

DELIVERY:
Take your bulls home sale day from Stanfield and receive $100 credit per head from your purchase (maximum $400). We also offer free delivery within Oregon and adjoining states. Bulls will be kept at no charge until April 1, 2019.

TERMS AND CONDITIONS:
Any announcements from the block will take precedence over statements in the printed material. Cattle will sell under the suggested Terms and Conditions of the American Angus Association. Terms of the sale are cash, and all purchases must be settled for SALE DAY unless prior arrangements have been made. Cattle not paid within 30 days of sale will be assessed a 2% interest charge per month.

RETIRED INTEREST:
Crouthamel Cattle Company will retain one-third (1/3) interest in each bull selling. Buyer receives FULL POSSESSION and FULL SALVAGE of these bulls.

VIDEOS OF BULLS:
Individual bull videos will be available at www.crouthamelcattle.com

INTERNET BIDDING:
To register for the auction and follow in real time on the internet, log on to the Website: http://www.liveauctions.tv

For more information or if you have questions, contact Katie Colyer at (208) 599-2962.

DISCLAIMER:
Crouthamel Cattle Co., Double M Ranch, Inc., and Parnell Dickinson, Inc. assume no liability for any accidents or injury that may occur. Attend the sale at your own risk.
CROUTHAMEL CATTLE COMPANY VAC PROGRAM

Crouthamel Cattle Co. works closely with Dr. Terry McCoy at the Animal Health Center in La Grande, OR to customize/execute a vaccination program that not only maximizes the efficiency and production of the cowherd, but more importantly develops these bulls with an end goal of providing a sound breeding tool that will transition to multiple environments without acclimation. These bulls have received the following protocol:

<table>
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<th>Birth</th>
<th>Branding</th>
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<tr>
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<td>Vision 8-way</td>
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<td>Vista Once</td>
<td>Mycoplasma</td>
<td>Multimin + Naselgen</td>
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<tr>
<td>Ivomec pour-on</td>
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<td>Endovac</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Safe-Guard Oral Drench</td>
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In addition, the cowherd has been tested negative for BVD-PI, and each calf has been individually tested negative for BVD-PI.

FALL BULL DEVELOPMENT
Cows calve out on meadow aftermath in late October and November and then wintered on hay. They move to spring pasture in March and the calves are pre-conditioned and weaned the end of June. The calves are weaned on long hay and left on a hay-only diet until October 1st when they are sent to Top Cut to start on test. It would be very possible to have these fall bulls weighing a lot more and be over-conditioned, but we have followed a strict management program to get these bulls properly developed to be ready to see heavy use come spring turn out. By bringing them along rather slow, it makes for fit bulls that are fully developed while increasing their longevity by not having them over-conditioned.

SPRING BULL DEVELOPMENT
Cows run on meadow aftermath/corn stalks/Alfalfa regrowth until two weeks prior to calving in January-February. The heavy cows are sorted off and calved in Touchet, WA. The cows are synced, bred, and turned to spring grass the end of March. The entire cowherd is summered on grass and mineral only (we do not believe in a creep feeder). September 1st the calves are weighed and weaned into a backgrounding lot at the ranch on nothing but long-stem hay for 45 days. This time period allows for us to get 3 rounds of shots in the bull calves and set up for the transition onto a high roughage development ration at Top Cut Feedlot, Stanfield, OR to begin test by October 15th. Once again, we are aware that there are lots of management practices that would create 900-pound weaning weights and 1500-pound yearling weights but those are not the practices that we choose to develop range bulls on. These bulls have been developed slowly, have had all data turned in with correct contemporary groups that give us very meaningful and measurable weights and ratios to select and cull from.

EMBRYO TRANSFER CALVES
Our embryo transfer (ET) program has grown significantly over the past few years, due large in part to our partnerships with cooperator herds. These herds are diverse in both environment and management where a large percentage of these calves are “born outside” on native feed conditions to foothill/mountain terrains. We only mention this as you look at some of the data on the ET calves where there were weaning differences from those and our home raised calves. Also, there are some instances in the sale book with no BW information. This is due to the fact that there was simply no way to gather an accurate measurement on those individuals. As always, the numbers back from American Angus show ratios of 100 for all ET calves as they are born out of commercial recipient cows with varying breed make-up and genetics. These calves see the exact same CROUTHAMEL CATTLE VAC PROGRAM listed above as the entire set of home raised cattle.

FEEDLOT DEVELOPMENT
We have had a great working relationship with Top Cut Feedlot in Stanfield, OR. Walt and Debra Sullivan, along with their cowboy crew, have done an excellent job not only keeping these cattle healthy but also getting them developed. There truly is a science to the development of bulls: they need to be brought along hard enough to see genetic differences in the cattle but yet slow enough to allow us to turn out structurally sound bulls that will go to cow country and hold up. I personally have known Walt for 15 years and was very excited when he gave me the opportunity to bring the bulls to him last Fall and be grown out under his leadership. The bulls have seen a high-forage diet with the goal of development at 3.2lbs./day. Bulls that return post-sale to the feedlot will see a strict low-maintenance diet until delivery.
Calving Ease Direct (CED), is expressed as a difference in percentage of unassisted births, with a higher value indicating greater calving ease in first-calf heifers. It predicts the average difference in ease with which a sire’s calves will be born when he is bred to first-calf heifers.

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

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

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

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

Calving Ease Maternal (CEM), is expressed as a difference in percentage of unassisted births with a higher value indicating greater calving ease in first-calf daughters. It predicts the average ease with which a sire’s daughters will calve as first-calf heifers when compared to daughters of other sires.

Maternal Milk EPD (Milk), is a predictor of a sire’s genetic merit for milk and mothering ability as expressed in his daughters compared to daughters of other sires. In other words, it is that part of a calf’s weaning weight attributed to milk and mothering ability.

Marbling EPD (Marb), expressed as a fraction of the difference in USDA marbling score of a sire’s progeny compared to progeny of other sires.

Ribeye Area EPD (RE), expressed in square inches, is a predictor of the difference in ribeye area of a sire’s progeny compared to progeny of other sires.

Fat Thickness EPD (Fat), expressed in inches, is a predictor of the differences in external fat thickness at the 12th rib (as measured between the 12th and 13th ribs) of a sire’s progeny compared to progeny of other sires.

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

Feedlot Value ($F), an index value expressed in dollars per head, is the expected average difference in future progeny performance for post-weaning merit compared to progeny of other sires.

Grid Value ($G), an index value 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 ($B), an index value expressed in dollars per head, is the expected average difference in future progeny performance for post-weaning and carcass value compared to progeny of other sires.
Here's a powerful prospect to lead-off this year's offering by the $350,000 ORIgen standout, HA Cowboy Up 5405. This bull matched his sire with tremendous individual performance charting weaning and yearling ratios at the top of his contemporary. He is the #5 Adjusted 205-day weight and the #2 Adjusted 365-day weight in the offering and when combined with his high performance pedigree he owns the #3 WW and YW EPDs in the sale as well as the #2 $Beef Index.

This herd sire also packs outstanding maternal genetics to balance out his outlier growth potential. Dam of this bull was bred in the Magic Valley program that was a cornerstone for cow longevity and extreme maternal lines. She maintains a Nursing Ratio of 6@104 and has 5@103 for yearling as well. The Pathfinder dam of Cowboy Up sold this past fall for $100,000 in the Hinman Angus Female Sale. Her first four natural progeny have an average weaning ratio of 114 with three yearlings recording an average ratio of 114 and an average URE ratio of 106.

Like his sire, this bull offers an outcross pedigree for most of the Angus breed's most popular sire lines providing excellent breeding flexibility in almost any program. This has caused great popularity in Cowboy Up which pushed him to the #3 Sire in the breed for registrations this past year.

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Donor dam of these bulls is Mytty Blackcap 87R, co-owned with Mytty Angus Ranch in MT and been steady with BR 7@101, WR 7@102, YR 7@101, and has $2@101 for ultrasound IMF. A maternal sister to these bulls produced the $40,000 Mytty Source owned by Raymond & Son, KG Ranch, and Genex, as well as the $13,000 Mytty Resource 5157, the 2016 high-selling bull selected by Gartner Denowh from Sidney, MT. Three half-brothers to these bulls by SAV Resource 1441 were featured in our 2016 Bull Sale selling to Paul Eke, Greg Stout, and Krebs Sheep Company.
REFERENCE SIRE

Vision Cash 3414

This bull was the $19,000 high-selling bull out of the 2014 Vision Angus Sale in North Platte, NE going to Gebbers Cattle in Brewster, WA. He was a performance standout posting an 894 lb. adjusted weaning weight (116 ratio) and a 1564 lb. adjusted yearling weight (117 ratio). He also scanned a 19.3 inch adjusted Ribeye measurement. This bull has demonstrated muscle and performance, and we crossed him with one of our most maternal and proven donors.

The ET sons selling in Lots 6-13 are the result of this complimentary mating to the grandam of Crouthamel Protocol 3022. This donor has an excellent production record with 8@105 for weaning, 7@105 for yearling, and has ultrasound progeny with 28@104 for IMF and 28@102 for Ribeye.

HIS SONS SELL AS LOTS 6-13.

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<tr>
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CCC Lady Rain 932 - Maternal sister to Lots 6-21
Lot 11 - Crouthamel Cash 8540

Lot 12 - Crouthamel Cash 8538

Videos available at www.crouthamelcattle.com
Lot 15-21 represent a unique opportunity to acquire a set of linebred bulls out of our most proven donor, Lady 7507. She is a direct daughter of Kesslers Lady Rain 4094, the foundation PATHFINDER female in the Kessler program. A maternal sibling to these bulls, CCC Lady Rain 932, was the high-selling female in our 2015 Fall Sale and the dam of Crouthamel Protocol 3022 featured at Select Sires, Inc. The genetic potential in these individuals will be extraordinary utilizing this concentrated mating.
REFERENCE SIRE

**Crouthamel Protocol 3022**

Protocol was leased to Select Sires, Inc. a year ago and is showing excellent progeny reports currently with 310@100 for birth, 310@100 for weaning, and 148@101 for yearling. He offers excellent balance with documented calving-ease and solid performance. To compliment this, he also ranks in the top 20% of the breed for RADG which will allow his progeny to put those pounds on efficiently. With his outcross pedigree to mainstream bloodlines, these sons will be easy to inject into any operation.

He’s backed by a tremendous producing cowline where his dam has a Nursing Ratio of 8@106 and his grandam has 8@105. Daughters are now well into production at our ranch and showing the same phenotypic quality with added length of body, structural integrity, and quality foot design. Currently there are 11 daughters in production with a cumulative Nursing Ratio of 16@101.

**HIS SONS SELL AS LOTS 15-32.**

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**CROUTHAMEL PROTOCOL 8515**  
Birth Date: 12-15-2017  
Bull +19302841  
Tattoo: 8515

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Lot 20 - Crouthamel Protocol 8532

Birth Date: 1-14-2018
Bull: +19311007
Tattoo: 8532

CED BW WW YW SC CEM MILK MARB REA FAT
I+6 I+2.2 I+50 I+98 I+1.33 I+5 I+29 +.53 +.59 -.024
BW 205 Ratio 365 Ratio YW S' SC S - S1
96 627 100 1176 100 +47.59 +51.22 +39.49 +123.25

IMF Ratio: 3.65
REA Ratio: 9.9
RE/CWT: 0.99

*CCC Merritt 030
*CROUTHAMEL PROTOCOL 3022 SONS
#Kesslers Lady Rain 932
#*Connealy Onward
+CAMAS PRAIRIE K LADY 7507
NR: 8-105
#Kesslers Lady Rain 4094

Lot 21 - Crouthamel Protocol 8521

Birth Date: 12-21-2017
Bull: +19302843
Tattoo: 8521

CED BW WW YW SC CEM MILK MARB REA FAT
I+6 I+2.2 I+50 I+98 I+1.33 I+5 I+29 +.58 +.89 -.038
BW 205 Ratio 365 Ratio YW S' SC S - S1
87 658 100 1285 100 +47.59 +51.22 +43.46 +143.50

IMF Ratio: 4.47
REA Ratio: 15.7
RE/CWT: 1.23

*CCC Merritt 030
*CROUTHAMEL PROTOCOL 3022 SONS
#Kesslers Lady Rain 932
#Connealy Lead On
+CAMAS PRAIRIE K LADY 7507
NR: 8-105
#Kesslers Lady Rain 4094

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### CROUTHAMEL PROTOCOL 8024

**Birth Date:** 1-10-2018  
**Tattoo:** 8024

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<td>6</td>
<td>25</td>
<td>47</td>
<td>61</td>
<td>-104</td>
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</table>

Young dam has been excellent on her first 2 calves with WR 2@107, YR 2@103, and D 2@105 for ultrasound IMF. Her first calf was an Aviator daughter that made year.

### CROUTHAMEL PROTOCOL 8705

**Birth Date:** 2-7-2018  
**Tattoo:** 8705

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<td>4.3</td>
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</table>

This is the #1 weaning bull in his contemporary that also had the #2 Ribeye scan. He now ranks in the top 15% of the breed for YW and $Beef Index.

### CROUTHAMEL PROTOCOL 8707

**Birth Date:** 2-7-2018  
**Tattoo:** 8707

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<td>91</td>
<td>679</td>
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<td>9</td>
<td>23</td>
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</table>

This calving-ease bull posted excellent performance and now offers great birth to yearling spread with a top 20% $Beef Index. Dam has been off the charts on carcass with 2@138 for ultrasound progeny IMF.

### CROUTHAMEL PROTOCOL 8703

**Birth Date:** 2-4-2018  
**Tattoo:** 8703

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</table>

This calving-ease bull posted excellent performance and now offers great birth to yearling spread with a top 20% $Beef Index. Dam has been off the charts on carcass with 2@138 for ultrasound progeny IMF.

### CROUTHAMEL PROTOCOL 8031

**Birth Date:** 1-11-2018  
**Tattoo:** 8031

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<td>-.016</td>
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Dam of this bull came from Jon Cox’s Pioneer Angus program, one of the long time performance herds in the West. She has a flawless record with BR 6@104, YR 4@105, and has ultrasound progeny with 3@105 for IMF and 3@105 for Ribeye.

### CROUTHAMEL PROTOCOL 8525

**Birth Date:** 1-10-2018  
**Reg.No.Pdg.:** 8525

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<td>.65</td>
<td>.74</td>
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</tbody>
</table>

Et calf here whose dam is a standout with 8@106 for weaning and 6@102 for yearling. A maternal sister was the high-selling female in our 2015 Fall Sale that also produced our Lot 1 and Lot 2 herd bulls last year.

---

* Videos available at www.crouthamelcattle.com
Stout made, rugged bull here that performed well at yearling. His dam is one of the really good cows we acquired from the Pioneer Angus program that has an incredible record with BR 5@97, WR 5@107, YR 5@107, IMF 5@124, and REA 5@103. Both her previous sons were bull sale features and her two daughters have each been retained in the herd.

Lot 29 - Crouthamel Protocol 8026

Birth Date: 1-11-2018
Bull 19302782
Tattoo: 8026

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<tr>
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<tr>
<td>BW</td>
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<tr>
<td>WW</td>
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<tr>
<td>YW</td>
<td>+106</td>
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<td>MARB</td>
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<td>REA</td>
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Lot 30 - Crouthamel Protocol 8035

Birth Date: 1-14-2018
Bull 19302784
Tattoo: 8035

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<td>REA</td>
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This cool made, square hipped Protocol son has a lot of look and a stout hind leg. He has a ton of muscle down his top and was one of the top 10 yearling weight bulls in his group. His dam has a stellar record as well with BR 3@99, WR 3@104, and YR 3@102.
REFERENCE SIRE

Crouthamel Protocol 5113

5113 was the lead spring yearling in our 2016 Bull Sale that had tremendous length and capacity with a very powerful look. We chose to inject this bull as the feature Protocol son in our program. His dam was selected out of the highly maternal OxBow herd, but also provides excellent carcass merit with 6@104 for IMF and 6@101 for Ribeye.

5113 sons should transmit the same payweight as the Protocol genetics, but bring that performance in a longer sided, more moderate framed package that will increase daughter retention without sacrificing feeder steer value. Definitely a dual purpose bull to use, and he looks to add Marbling where he currently has 15@103 for progeny ultrasound.

HIS SONS SELL IN LOTS 33-34.
This pair of ET Flush brothers offers a mating that matches the sheer power and performance of CCC Merritt 030 with one of the time tested maternal lines of the breed.

Dam was the $17,500 high-selling female of the 2014 Van Dyke Female Sale and has a record of BR 6@100, WR 6@104, with YR 3@103. A three-quarter sister to the dam of these bulls produced the high-selling female in their 2016 Van Dyke Sale, and a maternal sister to these bulls produced VDAR Sonny Boy 1194 featured at Lindskov-Thiel and GENEX. This complimentary pedigree should produce heavy sons and replacement quality females alike.
Lot 37 - Crouthamel Merritt 8511

**CROUTHAMEL MERRITT 8511**

Birth Date: 12-14-2017  
Bull: +19302839  
Tattoo: 8511

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**NR: 6-106**  
SAV Blackbirdmere 6298

#Connealy Packer 547  
#Connealy Forefront 77P

This donor female is one of the most striking females you'll find on the ranch. She's moderate framed, huge middle, and extremely angular and feminine up front. She has ideal udder shape and teat quality and looks the same at eight years old as she did when she was three. To compliment this, she carries a Nursing Ratio of 6@106 for IMF with 21@101 for Ribeye as well. Her dam was the same way and had 13 consecutive calves before we decided to enter her in the ET program as well.

Lot 38 - Crouthamel Merritt 8509

**CROUTHAMEL MERRITT 8509**

Birth Date: 12-13-2017  
Bull: +19302838  
Tattoo: 8509

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<th><strong>RE/A</strong></th>
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<td>98</td>
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**NR: 6-106**  
SAV Blackbirdmere 6298

#Connealy Packer 547  
#Connealy Forefront 77P

This donor female is one of the most striking females you'll find on the ranch. She's moderate framed, huge middle, and extremely angular and feminine up front. She has ideal udder shape and teat quality and looks the same at eight years old as she did when she was three. To compliment this, she carries a Nursing Ratio of 6@106 for IMF with 21@101 for Ribeye as well. Her dam was the same way and had 13 consecutive calves before we decided to enter her in the ET program as well.
**CROUTHAMEL RECALL 8075**

Birth Date: 2-3-2018

**bull 19302797**

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<td>+71.19</td>
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**Total Power Figures Here Where This Bull Ranks in the Top 15% for WW and Top 3 for IMF and Top 15% for Ribeye.**

Powerful growth figures here where this bull ranks in the top 15% for WW and top 3% for IMF and top 15% for Ribeye. Dam of this bull is one of the top producers in her age group with a Nursing Ratio of 6@108 and fantastic ultrasound of 5@111 for IMF and 5@105 for Ribeye.

**CROUTHAMEL RECALL 8074**

Birth Date: 2-3-2018

**bull 19302796**

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Big time performance in this bull whose dam has been solid for years with BR 6@102, WR 6@105, YR 6@120. She also has tremendous ultrasound with 6@110 for IMF and 6@101 for Ribeye.

**CROUTHAMEL RECALL 8062**

Birth Date: 1-31-2018

**bull 19302791**

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Here’s a top 6 adjusted YW bull that is out of one of the oldest cows on the ranch. His dam was in the ET program for a number of years and charts a great record with BR 6@101, WR 6@105, YR 6@102, and has ultrasound progeny with 13@106 for IMF and 13@99 for Ribeye. She is a stout hipped, deep sided female herself, and we have maintained multiple daughters in the herd.

**CROUTHAMEL RECALL 4029**

RECALL was a standout in our 2015 Sale for his shear performance and mass posting individual ratios of 111 for weaning, 115 for yearling and scanning a 104 IMF ratio and 109 Ribeye ratio. He’s shown that same potential in production as well where he currently ranks in the top 10% for WW EPD and top 15% for YW. His progeny have scanned as well where he currently has 27 head in 3 herds that collectively ratio 108 for IMF. His SBeef Index is now in the top 25% of all proven sires. The RECALL sons will provide extra bone, mass, and frame in their offspring.

HIS SONS SELL AS LOTS 39-45.
Lot 44 - Crouthamel Recall 8047

CROUTHAMEL RECALL 8047
Birth Date: 1-2-2018
Bull 19302790
Tattoo: 8047

*CCC Merritt 030
*CROUTHAMEL RECALL 4029
*Montana Dream 700
#CCC LASSIE BLACKBIRD 062
NR: 6-105
#CROUTHAMEL RECALL 4029
#Sons of Montana Dream 5048
#Montana Dream 700

Connealy Packer 547
MVCC GAR Bando 1240
#Mytty In Focus 449
+GCC Montana Dream 519
#*GAR Grid Maker
SAV Abigale 0451
#*HA Image Maker 0415
McCoy Blackbird 505-N66

CED BW WW YW SC CEM MILK MARB REA FAT
-7 +1.6 +58 +117 N/A +11 +27 +.43 +.40 +.030

IMF Ratio 4.03
REA Ratio 107

BW 205 Ratio 365 Ratio
78 735 110 1209 113 +60.58 +83.34 +27.68 +144.97

This calving-ease bull is the #1 Adjusted Yearling Weight bull in the sale at nearly 1300 lbs. He pushes solid growth figures with a top 10% WW, top 15% YW EPD, and top 25% $Beef Index as well. His dam has been automatic with BR 5@98, WR 6@105, YR 6@104, and has 6@102 for Ribeye.

Lot 45 - Crouthamel Recall 8092

CROUTHAMEL RECALL 8092
Birth Date: 2-7-2018
Bull 19302802
Tattoo: 8092

*CCC Merritt 030
*CROUTHAMEL RECALL 4029
*Montana Dream 700
#CROUTHAMEL RECALL 4029
#Sons of Montana Dream 5048
#Montana Dream 700

Connealy Packer 547
MVCC GAR Bando 1240
#*Mytty in Focus 449
+GCC Montana Dream 519
#*Mytty in Focus 449
Mytty In Focus 449
Kesslers Lady Rain 4094

CED BW WW YW SC CEM MILK MARB REA FAT
+7 +.4 +53 +92 +1.15 +8 +28 +.60 +.34 +.029

IMF Ratio 4.07
REA Ratio 95

BW 205 Ratio 365 Ratio
77 662 99 1075 94 +52.84 +41.22 +36.30 +110.76

Another calving-ease bull here that is a three-quarter brother to Crouthamel Protocol 3022 and Crouthamel Hot Shot 4051 out of the PATHFINDER Lady Rain 932 female. She has an impressive record with BR 8@102, WR 8@106, YR 8@106, and has 8@100 for IMF with 8@106 for Ribeye.

Lot 46 - Crouthamel Merritt 8015

CROUTHAMEL MERRITT 8015
Birth Date: 1-6-2018
Bull 19302788
Tattoo: 8015

*CCC Merritt 030
*CROUTHAMEL RECALL 4029
*Montana Dream 700
#Montana Dream 5048
#Sons of Montana Dream 519

Connealy Packer 547
MVCC GAR Bando 1240
#*Mytty in Focus 449
+GCC Montana Dream 519
#*GMAR Grid Maker
MVCC Gar Bando 815
#*Boyd New Day 8005
#GDAR Miss Wix 474
#GDAR Miss Wix 474

CED BW WW YW SC CEM MILK MARB REA FAT
-4 +5.0 +65 +119 N/A +3 +27 +.48 +.50 +.020

IMF Ratio 3.86
REA Ratio 106

BW 205 Ratio 365 Ratio
89 648 105 1222 171 +43.27 +89.66 +32.68 +141.23

This Merritt son is a three-quarter brother to Crouthamel Recall 4029, sire of the previous lots. He has big time growth in the top 15% for WW and top 10% for YW, and he performed at every level of evaluation. His young dam is off to a great start with a Nursing Ratio of 104 of her first 2 calves.

Videos available at www.crouthamelcattle.com
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**CROUTHAMEL JUSTIFIED 8005**

**Birth Date:** 1-3-2018  
**Tattoo:** 8005

Connealy Judgment  
KG Miss Magic 1443  
**CROUTHAMEL BLACKBIRD 6111**  
**NR:** 1-108  
**#** CCC Blackbird 1536

**#** Connealy Consensus 7229  
#**Entrine of Conanga 9876**  
#**Sitz Wisdom 481T**  
KG Miss Magic 3528  
Mytty ForeFront 1135  
+**Crouthamel Everelda 2503**  
#**Gardens Prime Star**  
+ER Blackbird J928

**CED**  
**BW**  
**WW**  
**YW**  
**SC**  
**CEM**  
**MILK**  
**MARB**  
**REA**  
**FAT**

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This calving-ease bull has negative birth and solid carcass. He weaned strong and reach off both ends. His sire, Judgement, sold in the first calf crop of Consensus 7229 sons, and in our opinion was the stoutest and most powerful in the group that included Black Granite, Comrade, United and more.

We have used Justified for three years now and are calving our first daughters. This is another bull that works in both directions producing high quality, maternal driven females; but also adds a lot of direct value to feeder calves with rapid growth and a top 10% breed rank for Marbling to improve Quality Grade.

**HIS SONS SELL AS LOTS 47-53.**

---

**CROUTHAMEL JUSTIFIED 8009**

**Birth Date:** 1-4-2018  
**Tattoo:** 8009

Connealy Judgment  
KG Miss Magic 1443  
**CROUTHAMEL ERISKAY 6092**  
**NR:** 1-109  
**#** CCC Eriskay 1539

**#** Connealy Consensus 7229  
#**Entrine of Conanga 9876**  
#**Sitz Wisdom 481T**  
KG Miss Magic 3528  
#**Connealy Consensus 7229**  
#**Eura Elga of Conanga 9109**  
#**SAV Net Worth 4200**

**CED**  
**BW**  
**WW**  
**YW**  
**SC**  
**CEM**  
**MILK**  
**MARB**  
**REA**  
**FAT**

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Excellent calving-ease out of a first calf heifer that excelled for weaning and yearling.

---

**CROUTHAMEL JUSTIFIED 8039**

**Birth Date:** 1-17-2018  
**Tattoo:** 8039

Connealy Judgment  
KG Miss Magic 1443  
**CROUTHAMEL ERICA PRIDE 6168**  
**NR:** N/A-N/A

**#** Connealy Consensus 7229  
#**Entrine of Conanga 9876**  
#**Sitz Wisdom 481T**  
KG Miss Magic 3528  
#**Connealy Consensus 7229**  
#**MVC Or Prima Pride 001**

**CED**  
**BW**  
**WW**  
**YW**  
**SC**  
**CEM**  
**MILK**  
**MARB**  
**REA**  
**FAT**

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This bull has the heaviest weaning and 2nd heaviest yearling weight in the 2-year old group. He ratios 100 as he was a twin, but raised single. He’s slam dunk for birth weight and grandmother has BR 3@97, WR 4@104, and YW 2@105.

---

**CROUTHAMEL ERISKAY 6092** - Dam of Lot 48

---

**CROUTHAMEL ERISKAY 6092** - Dam of Lot 48

---

**CROUTHAMEL EMERINE 6055**

**Birth Date:** 1-10-2018  
**Tattoo:** 8022

Connealy Judgment  
KG Miss Magic 1443  
**CROUTHAMEL EMERINE 6055**  
**NR:** 1-103  
**#** CCC Emerine 1099

**#** CCC Merritt 030  
#**MVC Or Prima Pride 001**  
#**MVC Or Prima Pride 001**  
#**MVC Or Prima Pride 001**

**CED**  
**BW**  
**WW**  
**YW**  
**SC**  
**CEM**  
**MILK**  
**MARB**  
**REA**  
**FAT**

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This calving-ease bull has negative birth and solid carcass. He weaned strong and traces back to some powerful cows from the Jon Con Pioneer Angus program.

---

**REFERENCE SIRE**

**KG Justified 3023**

Justified was the high-selling lead off bull of the 2014 KG Angus sale in Montana. He breaks the antagonisms as a true calving-ease bull that also has tremendous shape and thickness. He is a moderate framed bull with extra capacity and great flexibility and reach off both ends. His sire, Judgement, sold in the first calf crop of Consensus 7229 sons, and in our opinion was the stoutest and most powerful in the group that included Black Granite, Comrade, United and more.

We have used Justified for three years now and are calving our first daughters. This is another bull that works in both directions producing high quality, maternal driven females; but also adds a lot of direct value to feeder calves with rapid growth and a top 10% breed rank for Marbling to improve Quality Grade.

---

**KG JUSTIFIED 3023**

**Brand of Excellence** | Backed by Integrity
This is the #1 Adjusted IMF scanning bull in the offering with a 152 ratio. He's now another heifer bull that's also in the top 25% for WW and top 20% for YW EPD. His dam is a first-calf heifer out of an extremely proven older cow. She worked well at Mytty’s and here showing a Nursing Ratio of 8@103.

Excellent calving-ease inside the top 20% for CED and top 15% for BW EPD. This ET calf has huge birth to yearling spread and a balanced set of figures that set his indexes in the top 15% for $Wean and top 20% for $Beef. His donor dam is a powerhouse with WR 5@107, YR 2@108, IMF 2@100 and Ribeye 9@101.

Good calving-ease prospect here out of another first-calf heifer. Grandam is a model cow and longtime donor in the program.
This pair of ET brothers are sired by one of the most proven calving-ease bulls in breed history. Their donor dam has tremendous production with a Nursing Ratio of 5@105, and was the featured Lot 1 $20,000 valued female of our 2015 Fall Female Sale. She is the cornerstone of our ET Program and owned jointly with Open 8 Genetics in Charlo, MT. Grandam is equally as dominant with 8@106 for weaning and 6@102 for yearling. No guesswork in this mating.
REFERENCE DAM

**C C Missy 704**

Missy “704” was one of the original cows on the place that was a product of a set of highly maternal females from Magic Valley Cattle Co. in Mesa, WA. The MVCC females were developed with rigid requirements for maternal efficiency. They were extremely consistent in their kind and proved to be some of the top producing lines as well. This female entered the donor pen after proving herself with multiple daughters that did the same. Her first calf produced our Lot 1 and Lot 2 feature bulls in last year’s sale as well as the Black Granite sons across the page. She was the high-selling female in our 2015 Fall Female Sale as well.

CC Missy 704 posts a Nursing Ratio of 8@106, and has been the cornerstone in our program for high performance that does not sacrifice a bit of maternal strength and efficiency. Her and her daughters are some of the best look cows all summer that hold their flesh, have quality udders, and raise a calf with no problems. Come fall, they’re also the ones that have the biggest offspring across the scale. You can’t beat a good cow family, and we have multiplied this one as much as we can.

**HER SONS SELL IN LOTS 60-65.**

### CROUTHAMEL BLK GRANITE 8544

**Birth Date:** 1-31-2018  
**Bull Reg.No.Pdg.: 8544**

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**CONNEALY BLACK GRANITE**

*Eura Elga of Conanga 9109
KG New Design 878 4040
Crouthamel Blackbirdmere 4106
Mytty Casanova 21X
Blackbirdmere LGW 9052

**CROUTHAMEL BLK GRANITE 8576**

**Birth Date:** 2-9-2018  
**Bull Reg.No.Pdg.: 8576**

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**CONNEALY BLACK GRANITE**

*Eura Elga of Conanga 9109
KG New Design 878 4040
Crouthamel Blackbirdmere 4106
Mytty Casanova 21X
Blackbirdmere LGW 9052

**CROUTHAMEL BLK GRANITE 8023**

**Birth Date:** 1-10-2018  
**Bull 19340900**
**Tattoo:** 8023

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<td>+22.96</td>
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Here’s one of the biggest calves off the 2-year old group. After a powerful set of ratios he now ranks in the top 15% of the breed for his WW and YW EPD.

**HER SONS SELL IN LOTS 60-65.**

Videos available at www.crouthamelcattle.com
CROUTHAMEL EMULATION 8132

**Reference sire JVC Emulation EXT V910**

Direct EXT sons are not quite the current mainstream, but when we found V910 he was like no EXT son we had ever seen. Individually, he is a standout and our kind of bull regardless of pedigree. Moderate frame, long bodied, square hipped with a great hind leg. He is deep sided, big middled, and moves around effortlessly.

On paper, he offers a very unique pedigree combination of two linebred individuals that not only cuts down the genetic diversity in matings, but also offers a bit of an outcross to current bloodlines.

The real selling point, however, was seeing the daughters in production at Pioneer Angus in WA. Each of them were moderate framed, easy fleshing, high volume, and had impeccable udder quality and teat size. With huge calves alongside them as well, that visit sealed it for us to procure the bull. In our program the daughters have been just as good, but the sons are making tremendous range bulls including one of our top sellers this past year.

**HIS SONS SELL IN LOTS 67-81.**

---

#MYTTY BEEBE QUEEN 125R

His sons sell in lots 67-81. The sons are making tremendous range bulls including one of our top sellers this past year. A cow with great daughters that visit sealed it for us to procure the bull. In our program the daughters have been just as good, but the sons are making tremendous range bulls including one of our top sellers this past year.

---

CROUTHAMEL EMULATION 8101

**Dam has a perfect record with BR 7@99, WR 7@104, and YR 6@103. She also has 6@113 for ultrasound IMF.**

---

CROUTHAMEL EMULATION 8156

**Too Young for Ultrasound. A lot of cow power with Net Worth in the bottom side of this pedigree. This dam should also inject Marbling where she has 5@114 for ultrasound IMF.**

---

CROUTHAMEL EMULATION 8555

---

CCC Missy 021 - Dam of Lot 71

---

**Crouthamel Emulation 8132**

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<tr>
<td><strong>Emulation 7407 of 1418 4465</strong></td>
<td>+Ideal 7407 of 1418 4465</td>
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<td><strong>#Woodhill Foresight</strong></td>
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<tr>
<td><strong>Bon View Gammmer 85</strong></td>
<td>#Papa Forte 1921</td>
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<td><strong>Sitz Traveler 8180</strong></td>
<td>Bon View Gammmer 85</td>
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<td><strong>Sitz Beebe Queen 3418</strong></td>
<td>#Papa Forte 1921</td>
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**Crouthamel Emulation 8076**

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**Crouthamel Emulation 8101**

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<td><strong>JUANADA OF PAR 920</strong></td>
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**Crouthamel Emulation 8156**

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**Crouthamel Emulation 8555**

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**CCC Missy 021 - Dam of Lot 71**

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February 27, 2019 | | Brand of Excellence | Backed by Integrity
**72 CROUTHAMEL EMULATION 8111**

Birth Date: 2-12-2018  
Bull 19302807  
Tattoo: 8111

*Emulation N Bar 5522  
N Bar Primrose 2424  
+Ideal 7407 of 1418 4465  
+Ideal 7412 of 1418 4465  
#Sitz Upward 307R  
#Mytty Emma 89T  
#Connealy Packer 547  
MVCC Basin Lucy 1236

**CED**  
BW | WW | YW | SC | CEM | MILK | MARB | REA | FAT
---|---|---|---|---|---|---|---|---
+7 | 51 | 79 | 47 | +10 | +27 | +48 | +37 | +049
BW | 205 | 365 | Ratio | | | | | |
78 | 701 | 105 | 1063 | 93 | +52.61 | +30.77 | +98.93 |  

Very maternal dam to this bull that has $@95 for birth and $@104 for weaning.

**73 CROUTHAMEL EMULATION 8575**

Birth Date: 2-8-2018  
Bull 19311010  
Tattoo: 8575

*Emulation N Bar 5522  
N Bar Primrose 2424  
+Ideal 7407 of 1418 4465  
+Ideal 7412 of 1418 4465  
#Feltons Meat Packer 62  
Bestrelle of Conanga 539  
KG New Design 878 4040  
MVCC Missy 1114

**CED**  
BW | WW | YW | SC | CEM | MILK | MARB | REA | FAT
---|---|---|---|---|---|---|---|---
+3 | 54 | 97 | +60 | +9 | +25 | +48 | +38 | +066
BW | 205 | 365 | Ratio | | | | | |
83 | 661 | 99 | 1130 | 99 | +44.73 | +57.69 | +33.25 | +129.26

This was a top 5 scanning bull with a 129 IMF ratio.

**74 CROUTHAMEL EMULATION 8564**

Birth Date: 2-6-2018  
Bull 19311009  
Tattoo: 8564

*Emulation N Bar 5522  
N Bar Primrose 2424  
+Ideal 7407 of 1418 4465  
+Ideal 7412 of 1418 4465  
#Feltons Meat Packer 62  
Bestrelle of Conanga 539  
KG New Design 878 4040  
MVCC Missy 1114

**CED**  
BW | WW | YW | SC | CEM | MILK | MARB | REA | FAT
---|---|---|---|---|---|---|---|---
+3 | 54 | 97 | +60 | +9 | +25 | +48 | +38 | +066
BW | 205 | 365 | Ratio | | | | | |
86 | 618 | 100 | 1048 | 700 | +53.79 | +56.33 | +26.23 | +138.96

A full brother to this bull, Crouthamel Emulation 7519, was the featured Lot 2 bull in last year’s sale and now works at JR Ranch in Othello, WA. Donor dam adds power with $@103 for ultrasound Ribeye. A flush brother sells as Lot 74.

*Videos available at www.crouthamelcattle.com*
**TOO YOUNG FOR ULTRASOUND. A younger bull, but he weaned big and is out of an extremely productive cow with BR 5@101, WR 5@107, YR 2@103, and has 2@124 for IMF and 2@102 for Ribeye.

Lot 76 - Crouthamel Emulation 8167

Lot 77 - Crouthamel Emulation 8127

Excellent birth to yearling spread in this V910 son whose dam has productive record with WR 7@104, YR 7@103, and has 8@109 for ultrasound IMF.
**TOO YOUNG FOR ULTRASOUND.** This bull is a maternal brother to Crouthamel Protocol 5113, standout from the 2016 Bull Sale and sire of Lots 33-34 in this sale. Dam was selected out of the highly maternal Ox Bow Ranch Female Sale in Montana.

**TOO YOUNG FOR ULTRASOUND.** Here's one of the higher growth V910 sons out of a productive daughter of the 938 donor with BR 4@97, WR 5@106, YR 4@103, and has 3@102 for ultrasound Ribeye.

**TOO YOUNG FOR ULTRASOUND.** Dam injects extra carcass merit with 2@102 for IMF and 2@104 for ultrasound Ribeye.

High performing bull here at every level.
REFERENCE SIRE

**Crouthamel Hot Shot 4051**

Hot Shot is the full brother to Protocol that came a year later, and was the one we chose to use naturally in our program. He offers a slightly lower BW EPD and more Marbling. He is a stout hipped, square made bull that has excellent outward rib shape and depth of side. He's easy moving with great foot size and toe shape. We recently sold an interest in this bull to Allee Cattle Co. in Hammon, OK.

The two cows behind these herd sires really tell the story as they are near flawless in their production tables. Their dam, CCC Lady Rain 932 posts 8@102 for birth, 8@106 for weaning, 8@106 for yearling, and has 8@100 for IMF and 8@106 for Ribeye. The grandam, Lady Rain 7507, has 8@104 for birth, 8@105 for weaning, 7@105 for yearling, and has 28@104 for IMF and 28@102 for Ribeye. She's also a direct daughter of Kesslers Lady Rain 4094, the foundation PATHFINDER female in the Kessler program. With females like this in the pedigree, the risk here is minimal.

**HIS SONS SELL IN LOTS 82-88.**

---

**CROUTHAMEL HOT SHOT 8701**

*CCC Merritt 030*
**CROUTHAMEL HOT SHOT 4051**
*CCC Lady Rain 932*

+Gardens Prime Star

**CCC BLACKBIRD 1537**
NR: 6-107

+ER Blackbird J928

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<td>205 SC</td>
<td>205 SG</td>
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<td>+52.96</td>
<td>+46.74</td>
<td>+136.50</td>
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</table>

Great birth to yearling spread in this individual, and his Marbling EPD now ranks in the top 10% of the breed. Dam is PATHFINDER with BR 6@101, WR 6@107, YR 5@101, and has an incredible ultrasound record with 5@132 for IMF and 5@101 for Ribeye.

---

**CROUTHAMEL HOT SHOT 8069**

*CCC Merritt 030*
**CROUTHAMEL HOT SHOT 4051**
*CCC Lady Rain 932*

+JVC Emulation EXT V910 (x)

GPAR ENCHANTRESS 230
Jaybee Enchantress 613T

NR: 5-94

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<td>I+.34</td>
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<td>205 SG</td>
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This is the #3 scanning IMF bull in the offering, and it comes by no mistake as his dam has ultrasound progeny ratios of 5@130 for IMF.

---

**CROUTHAMEL HOT SHOT 8169**

*CCC Merritt 030*
**CROUTHAMEL HOT SHOT 4051**
*CCC Lady Rain 932*

+JVC Emulation EXT V910 (x)

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**TOO YOUNG FOR ULTRASOUND.** Flawless record on this housing-age bull's dam with BR 6@102, WR 7@107, YR 5@101, and has 6@107 for IMF with 6@104 for Ribeye.

---

**CROUTHAMEL HOT SHOT 8157**

*CCC Merritt 030*
**CROUTHAMEL HOT SHOT 4051**
*CCC Lady Rain 932*

+Connealy Onward

**CCC BARBARAMERE JET 8523**
NR: 9-97

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<td>$B</td>
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<td>80</td>
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<td>96</td>
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<td>103</td>
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<td>+53.98</td>
<td>+39.24</td>
<td>+121.14</td>
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</table>

**TOO YOUNG FOR ULTRASOUND.** Dam has 8@106 for ultrasound IMF.
**CROUTHAMEL HOT SHOT 8067**

- Birth Date: 2-1-2018
- Tattoo: 8067
- Dam is a moderate framed, wide based female that entered the donor pen this past year with ratios of WR 6@103, YR 6@105, IMF 6@112, and Ribeye 6@101.

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<tbody>
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<td>BW 205 Ratio</td>
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<tr>
<td>BW 365 Ratio</td>
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<td>$W</td>
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<td>$G</td>
<td>118</td>
</tr>
<tr>
<td>$B</td>
<td>106</td>
</tr>
</tbody>
</table>

**CROUTHAMEL HOT SHOT 8192**

- Birth Date: 3-20-2018
- Tattoo: 8192
- Too young for ultrasound. Calving-ease prospect.

<table>
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<tbody>
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<tr>
<td>REA</td>
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<tr>
<td>REA/CWT</td>
<td>1.09</td>
</tr>
<tr>
<td>BW 205 Ratio</td>
<td>80.7</td>
</tr>
<tr>
<td>BW 365 Ratio</td>
<td>81.1</td>
</tr>
<tr>
<td>$W</td>
<td>101</td>
</tr>
<tr>
<td>$F</td>
<td>112</td>
</tr>
<tr>
<td>$G</td>
<td>118</td>
</tr>
<tr>
<td>$B</td>
<td>106</td>
</tr>
</tbody>
</table>

**CROUTHAMEL HOT SHOT 8054**

- Birth Date: 3-20-2018
- Tattoo: 8054
- Dam is currently being flushed with BR 4@97, WR 4@102, YR 4@104, and Ribeye 4@104.

<table>
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<tr>
<th>Trait</th>
<th>Value</th>
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<tbody>
<tr>
<td>IMF</td>
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<tr>
<td>$F</td>
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<tr>
<td>$G</td>
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<tr>
<td>$B</td>
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</table>
“Chisum” was our selection at the 2015 Midland Bull Test Sale where he had excellent performance. Like everyone else, we were looking for a calving-ease bull with outcross genetics lots of eye appeal. We felt no bull there did it better than this one. He had excellent individual performance with a 112 wean ratio, 111 yearling ratio, and also posted a 128 gain ratio in the most accredited bull-test sale in the country.

However, the most appealing part of this bull and what caught our eye first was a moderate framed, easy moving individual that had all kinds of internal dimension and center cavity. He tracked out wide and also sets down on excellent bone and foot size. If there was ever a bull that looks like he would make some easy keeping, productive daughters - this guy is it. He came in this fall with as much flesh as he had when turned out, and we can’t wait to get daughters in production. An added bonus we have found this past year is the bull has an excellent nature and disposition as well. Calving-ease has held up with an average progeny ratio of 99 on this first three calf crops. We look forward for more to come here.

**TOO YOUNG FOR ULTRASOUND. Performance bull here out of an outstanding cow family where the grandam is PATHFINDER with a Nursing Ratio of 6@104.

**TOO YOUNG FOR ULTRASOUND. This bull charts solid growth figures ranking in the top 20% for WW and top 25% for YW EPD. He also has a top 15% $Beef Index.

**TOO YOUNG FOR ULTRASOUND. Performance bull here out of an outstanding cow family where the grandam is PATHFINDER with a Nursing Ratio of 6@104.

Calving-ease bull with big spread and performed well. His dam is automatic with BR 2@101, WR 2@109, YR 2@109, and ultrasound of 2@105 for IMF and Ribeye 2@107.

Slam dunk calving-ease bull that scanned with a big eye. Dam is a young cow out of one of the most proven Mytty cows we’ve had that is PATHFINDER with BR 5@100, WR 5@107, YR 4@106 and has 12@116 for IMF.
This was a top 5 IMF scanning bull out of a first-calf heifer. Grandam was a model cow that was PATHFINDER with BR 11@100, WR 11@104, and YR 10@104. EPD. He also has a top 20% Ribeye EPD after scanning a 112 ratio. Good birth to yearling spread here and out of a PATHFINDER dam with tremendous longevity, like his name.

**CROUTHAMEL COMRADE 8034**

Birth Date: 1-13-2018

Bull 19312021

Tattoo: 8034

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<th>YW</th>
<th>SC</th>
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<th>MILK</th>
<th>MARB</th>
<th>REA</th>
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<td>+1.7</td>
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<td>+109</td>
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<td>SF</td>
<td>SG</td>
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<tr>
<td>84</td>
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<td>54.23</td>
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Moderate birth and growth that ranks in the top 25% for WW and top 20% for YW EPD. He also has a top 20% Ribeye EPD after scanning a 112 ratio.

**CROUTHAMEL OUTSIDE 8090**

Birth Date: 2-6-2018

Bull 19303824

Tattoo: 8090

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<thead>
<tr>
<th>CED</th>
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<tr>
<td>73</td>
<td>544</td>
<td>107</td>
<td>960</td>
<td>96</td>
<td>42.65</td>
<td>39.62</td>
<td>25.78</td>
<td>105.05</td>
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This was a top 5 IMF scanning bull out of a first-calf heifer. Grandam was a model cow that was PATHFINDER with BR 11@100, WR 11@104, and YR 10@104.

**CROUTHAMEL RESOURCE 8700**

Birth Date: 1-20-2018

Bull 19302179

Tattoo: 8700

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<td>9.21</td>
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Solid growth figures here in the top 25% for WW and top 25% for YW EPD with a top 15% Ribeye EPD as well.
As a yearling he posted the #2 Adjusted Ribeye in our offering at 16.0 square inches. Through progeny testing, he now has 8 sons in two herds that collectively ratio 104 for BW EPD matched with a top 20% WW EPD. He also ranks in the top 25% for Ribeye and $Wean Value.

**HIS GENETICS SELL IN LOTS 99-104.**

---

### CROUTHAMEL RESOURCE 8717

**Birth Date:** 2-14-2018  
**Tattoo:** 8717

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**IMF Ratio:** 104

**Reference Sire:**

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**Cruising Calving-Ease Bull here ranking in the top 10% for CED and elite 2% for BW EPD.**

---

### CROUTHAMEL RESOURCE 8715

**Birth Date:** 2-14-2018  
**Tattoo:** 8715

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**IMF Ratio:** 106

**Reference Sire:**

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**Dam has has 2@119 for ultrasound IMF.**

---

### CROUTHAMEL RESOURCE 8721

**Birth Date:** 2-19-2018  
**Tattoo:** 8721

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**IMF Ratio:** 75

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**Slam dunk calving-ease bull here ranking in the top 10% for CED and elite 2% for BW EPD.**

---

### CROUTHAMEL RESOURCE 8769

**Birth Date:** 3-3-2018  
**Tattoo:** 8769

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<th>CEM</th>
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**IMF Ratio:** 107

**Reference Sire:**

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**TOO YOUNG FOR ULTRASOUND.**

---

### CROUTHAMEL RESOURCE 8748

**Birth Date:** 3-3-2018  
**Tattoo:** 8748

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<td>+22</td>
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**IMF Ratio:** 79

**Reference Sire:**

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<td>0.09</td>
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**TOO YOUNG FOR ULTRASOUND. More birth to yearling spread here with a top 25% BW EPW.**

---

### CROUTHAMEL RESOURCE 8719

**Birth Date:** 2-17-2018  
**Tattoo:** 8719

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<th>CEM</th>
<th>MILK</th>
<th>MARB</th>
<th>REA</th>
<th>FAT</th>
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</thead>
<tbody>
<tr>
<td>+6</td>
<td>+3</td>
<td>+58</td>
<td>+92</td>
<td>+1.89</td>
<td>+8</td>
<td>+20</td>
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<td>+0.45</td>
<td>+0.028</td>
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**IMF Ratio:** 79

**Reference Sire:**

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>0.95</td>
<td>0.09</td>
</tr>
</tbody>
</table>

**TOO YOUNG FOR ULTRASOUND.**
CROUTHAMEL REGULATOR 8542

*CONNEALY REGULATOR
Black Cayra of Conanga 8127

CCC MISSY 907
NR: 5-105
CC Missy 704

CED BW WW YW SC CEM MILK MARB REA FAT
I+6 1+1.9 1+61 1+107 1+72 1+10 1+18 +.27 +.69 -.007
BW 205 Ratio 365 Ratio SW SF SG SB
572 100 998 100 +53.24 +73.19 +26.98 +133.02

*CONNEALY REGULATOR
Black Cayra of Conanga 8127

KG New Design 878 4040

CC MISSY 704
NR: 8-106
MVCC Missy 1114

CED BW WW YW SC CEM MILK MARB REA FAT
I+6 1+1.9 1+61 1+107 1+72 1+10 1+18 +.27 +.69 -.007
BW 205 Ratio 365 Ratio SW SF SG SB
83 498 100 885 100 +37.42 +80.62 +44.58 +118.42

CONNEALY REGULATOR
Lots 106-108 and grandam of Lot 105

CCC Missy 907 - Dam of Lot 105

CROUTHAMEL REGULATOR 8549

*CONNEALY REGULATOR
Black Cayra of Conanga 8127

KG New Design 878 4040

CC MISSY 704
NR: 8-106
MVCC Missy 1114

CED BW WW YW SC CEM MILK MARB REA FAT
I+6 1+1.9 1+61 1+107 1+72 1+10 1+18 +.27 +.69 -.007
BW 205 Ratio 365 Ratio SW SF SG SB
83 498 100 885 100 +37.42 +80.62 +44.58 +118.42

CONNEALY REGULATOR
Lots 106-108 and grandam of Lot 105

CCC Missy 704 - Dam of Lots 106-108 and grandam of Lot 105

CROUTHAMEL ALLIANCE 8566

*KMK ALLIANCE 6595
#Sitz Alliance 6595

#KMK ALLIANCE 6595 8176
#Sitz Traveler 8180

KG New Design 878 4040

CC MISSY 704
NR: 8-106
MVCC Missy 1114

CED BW WW YW SC CEM MILK MARB REA FAT
I+6 1+1.9 1+61 1+107 1+72 1+10 1+18 +.27 +.69 -.007
BW 205 Ratio 365 Ratio SW SF SG SB
88 574 100 1040 100 +65.42 +58.07 +1.14 +102.94

*CONNEALY ALLIANCE 6595
#Sitz Traveler 8180

KG New Design 878 4040

CC MISSY 704
NR: 8-106
MVCC Missy 1114

CED BW WW YW SC CEM MILK MARB REA FAT
I+6 1+1.9 1+61 1+107 1+72 1+10 1+18 +.27 +.69 -.007
BW 205 Ratio 365 Ratio SW SF SG SB
92 582 100 1108 100 +65.42 +58.07 +1.14 +102.94

CROUTHAMEL ALLIANCE 8571

*KMK ALLIANCE 6595 8176
#Sitz Alliance 6595

KG New Design 878 4040

CC MISSY 704
NR: 8-106
MVCC Missy 1114

CED BW WW YW SC CEM MILK MARB REA FAT
I+6 1+1.9 1+61 1+107 1+72 1+10 1+18 +.27 +.69 -.007
BW 205 Ratio 365 Ratio SW SF SG SB
92 582 100 1108 100 +65.42 +58.07 +1.14 +102.94

*CROUTHAMEL ALLIANCE 6595
#Sitz Traveler 8180

KG New Design 878 4040

CC MISSY 704
NR: 8-106
MVCC Missy 1114

CED BW WW YW SC CEM MILK MARB REA FAT
I+6 1+1.9 1+61 1+107 1+72 1+10 1+18 +.27 +.69 -.007
BW 205 Ratio 365 Ratio SW SF SG SB
92 582 100 1108 100 +65.42 +58.07 +1.14 +102.94

CROUTHAMEL REGISTRY 8578

Ranks in the top 25% of the breed to both WW and YW EPD and his dam is the featured donor that produced the Lot 1 and Lot 2 herd sires in our 2018 Bull Sale. She is also a maternal sister to Lots 106-108.

*SAV REGISTRY 2831
SAV Madame Pride 0075

*SAV BLACKBIRD MERE 938
SAV Madame Pride 6298

*CONNEALY REGISTRATION 8578

Gibbet Hill Blackbirdmere 72

CC Blackbirdmere 938 - Dam of Lot 109

CCC Missy 907 - Dam of Lot 105

C C Missy 704 - Dam of Lots 106-108 and grandam of Lot 105

CCC Missy 704 - Dam of Lot 105

Dam is the maternal anchor of this cow family featured on page 21. She has 8@106 for weaning and 6@102 for yearling.

Dam of Lot 105

Dam of Lots 106-108 and grandam of Lot 105

Dam is the maternal anchor of this cow family featured on page 21. She has 8@106 for weaning and 6@102 for yearling.

Dam is one of the most striking females you'll find on the ranch. She's moderate framed, huge middle, and extremely angular and has an ideal udder. She carries a WR of 6@106, YR 6@103, and has ultrasound progeny of 21@102 for IMF and 21@101 for Ribeeye.

Videos available at www.crouthamelcattle.com
Lot 110 - Crouthamel Upward 8073

CROUTHAMEL UPWARD 8073
Birth Date: 2-3-2018
Bull 19302795
Tattoo: 8073

Big time growth here with a top 20% WW EPD, top 10% YW EPD, and top 10% $Beef Index. Dam has WR 3@107, YR 3@109, and 3@110 for ultrasound IMF with 3@102 for Ribeye.

Lot 111 - Crouthamel Upward 8083

CROUTHAMEL UPWARD 8083
Birth Date: 2-5-2018
Bull 19302798
Tattoo: 8083

This bull scanned with a lot of muscle and his dam injects extra quality grade with 3@118 for ultrasound IMF. Top 25% $Beef Index here as well.

Lot 112 - Crouthamel Upward 8094

CROUTHAMEL UPWARD 8094
Birth Date: 2-7-2018
Bull 19302803
Tattoo: 8094

Dam is good at ultrasound with progeny of 3@101 for IMF and 3@109 for Ribeye.
## CROUTHAMEL UPWARD 8104

**Birth Date:** 2-10-2018  
**Tattoo:** 8104  
**#Connealy Onward**  
- Sitz Henrietta Pride 81M  
- Sitz Reliant 8896  
- Sitz Blackbird 1089  
- #Connealy Onward  
- Sitz Henrietta Pride 81M  
- #Mytty Alliance 5247  
- McCoy Blackbird 505-N66  
**NR:** 3-96

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**+38.79 +51.00 +36.71 +129.96**

---

## CROUTHAMEL UPWARD 8197

**Birth Date:** 3-10-2018  
**Tattoo:** 8197  
**#Connealy Onward**  
- Sitz Henrietta Pride 81M  
- Sitz Reliant 8896  
- Sitz Blackbird 1089  
- #Connealy Onward  
- Sitz Henrietta Pride 81M  
- #Mytty Alliance 5247  
- McCoy Blackbird 505-N66  
**NR:** 3-93

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**+40.25 +44.37 +30.07 +124.01**

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## CROUTHAMEL ABOUT TIME 8070

**Birth Date:** 2-2-2018  
**Tattoo:** 8070  
- Mytty ForeFront 1135  
- Sitz Upward 307R  
- RB Barbaremare Nell 37-39R  
- #Connealy Packer 547  
- Sitz Rachel 13N  
**NR:** 1-110

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**+62.14 +78.51 +23.54 +122.36**

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## CROUTHAMEL ABOUT TIME 8079

**Birth Date:** 2-2-2018  
**Tattoo:** 8070  
- Mytty ForeFront 1135  
- Sitz Upward 307R  
- RB Barbaremare Nell 37-39R  
- #Connealy Packer 547  
- Sitz Rachel 13N  
**NR:** 1-110

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**+62.14 +78.51 +23.54 +122.36**

---

## CROUTHAMEL ABOUT TIME 8193

**Birth Date:** 3-21-2018  
**Tattoo:** 8193  
- Mytty ForeFront 1135  
- Sitz Upward 307R  
- RB Barbaremare Nell 37-39R  
- #Connealy Packer 547  
- Sitz Traveler 9929  
- Sitz Erica Everelda 964

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**+56.40 +89.35 +12.56 +97.98**

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## CROUTHAMEL ABOUT TIME 8203

**Birth Date:** 4-1-2018  
**Tattoo:** 8203  
- Mytty ForeFront 1135  
- Sitz Upward 307R  
- RB Barbaremare Nell 37-39R  
- #Connealy Packer 547  
- Sitz Erica Everelda 964

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**+73.30 +131.80 +18.03 +141.65**

---

## CROUTHAMEL ABOUT TIME 8204

**Birth Date:** 4-2-2018  
**Tattoo:** 8204

- Mytty ForeFront 1135  
- Sitz Upward 307R  
- RB Barbaremare Nell 37-39R  
- #Connealy Packer 547  
- Sitz Erica Everelda 964

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**BW 205 Ratio:** 365 Ratio  
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<tr>
<td>74</td>
<td>648</td>
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<td>1150</td>
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**+57.21 +96.40 +28.15 +136.43**

---

**Videos available at www.crouthamelcattle.com**
**TOO YOUNG FOR ULTRASOUND. Top 15% WW EPD with top 15% YW EPD.

**TOO YOUNG FOR ULTRASOUND. Top 25% YW EPD. Calving-ease prospect in the top 25% of the breed for BW EPD.

**TOO YOUNG FOR ULTRASOUND. Top 25% YW EPD.

**TOO YOUNG FOR ULTRASOUND.
WISDOM X BLACKCAP 87R FLUSH BROTHERS

124 CROUTHAMEL WISDOM 8581
Birth Date: 2-28-2018 Bull +19338347 Tattoo: 8581
Mytty Blackcap 87R - Dam of Lots 124-127
Sitz Wisdom 481T - Sire of Lots 124-127
NR: 7-102 Sitz Blackcap 1368

Mytty Blackcap 87R, co-owned with Mytty Angus Ranch in MT and been steady with BR 7@101, WR 7@102, YR 7@101, and has 52@101 for ultrasound IMF. A maternal sister to these bulls produced the $40,000 Mytty Source owned by Raymond & Son, KG Ranch, and Genex, as well as the $13,000 Mytty Resource 5157, the 2016 high-selling bull selected by Gartner Denowh from Sidney, MT.

Balanced with Sitz Wisdom, these bulls should provide excellent calving-ease and strong maternal traits. Three half-brothers to these bulls by SAV Resource 1441 were featured in our 2016 Bull Sale selling to Paul Eke, Greg Stout, and Krebs Sheep Company.

125 CROUTHAMEL WISDOM 8585
Birth Date: 3-4-2018 Bull +19338349 Tattoo: 8585
Mytty Blackcap 87R - Dam of Lots 124-127
NR: 7-102 Sitz Blackcap 1368

126 CROUTHAMEL WISDOM 8584
Birth Date: 3-3-2018 Bull +19338348 Tattoo: 8584
NR: 7-102 Sitz Blackcap 1368

127 CROUTHAMEL WISDOM 8586
Birth Date: 3-7-2018 Bull +19338350 Tattoo: 8586
NR: 7-102 Sitz Blackcap 1368

Mytty Blackcap 87R, co-owned with Mytty Angus Ranch in MT and been steady with BR 7@101, WR 7@102, YR 7@101, and has 52@101 for ultrasound IMF. A maternal sister to these bulls produced the $40,000 Mytty Source owned by Raymond & Son, KG Ranch, and Genex, as well as the $13,000 Mytty Resource 5157, the 2016 high-selling bull selected by Gartner Denowh from Sidney, MT.

Balanced with Sitz Wisdom, these bulls should provide excellent calving-ease and strong maternal traits. Three half-brothers to these bulls by SAV Resource 1441 were featured in our 2016 Bull Sale selling to Paul Eke, Greg Stout, and Krebs Sheep Company.

Videos available at www.crouthamelcattle.com
This square made, stout hipped fall born bull is out of a powerful Resource daughter back to the 87R donor. Grandam has BR 7@101, WR 7@102, and YR 7@101. This bull ranks in the top 15% for YW EPD.

Crouthamel Blackcap 5505 - Dam of Lot 128

Lot 128 - Crouthamel Ten X 7231

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<td>675</td>
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IMF Ratio: 3.00
REA Ratio: 13.6
*RE/CWT: 1.11

Here's a big scanning bull out of the grandmother of Crouthamel Protocol 3022. She has dominant production with WR 8@105, YR 7@105, and ultrasound of 28@104 for IMF and 28@102 for Ribeye.

Crouthamel Emulation 7582

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IMF Ratio: 5.18
REA Ratio: 12.9
*RE/CWT: 1.17

Lot 129 - Crouthamel Emulation 7582
**FALL LONG YEARLING BULLS**

**130 CROUTHAMEL EMULATION 7225**
Birth Date: 7-25-2017
Tattoo: 7225

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**131 CROUTHAMEL EMULATION 7579**
Birth Date: 11-13-2017
Tattoo: 7579

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**132 CROUTHAMEL TEN X 7234**
Birth Date: 11-1-2017
Tattoo: 7234

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**133 CROUTHAMEL RESOURCE**
Birth Date: 10-9-2017
Tattoo: 7225

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</tbody>
</table>

**134 CROUTHAMEL REGISTRY 7583**
Birth Date: 11-17-2017
Tattoo: 7583

<table>
<thead>
<tr>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>SC</th>
<th>CEM</th>
<th>MILK</th>
<th>MARB</th>
<th>REA</th>
<th>FAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>I+1</td>
<td>I+2</td>
<td>I+3</td>
<td>I+5</td>
<td>I+7</td>
<td>I+1</td>
<td>I+19</td>
<td>I+1</td>
<td>I+1</td>
<td></td>
</tr>
<tr>
<td>I+07</td>
<td>I+07</td>
<td>I+07</td>
<td>I+07</td>
<td>I+07</td>
<td>I+07</td>
<td>I+07</td>
<td>I+07</td>
<td>I+07</td>
<td></td>
</tr>
</tbody>
</table>

*Dam is the grandmother of Crouthamel Protocol 3022. She has dominant production with WR 8@105, YR 7@105, and ultrasound of 28@104 for IMF and 28@102 for Ribeye.*

*Dam posts WR 6@106, YR 6@105, and has 21@102 for IMF with 21@101 for Ribeye.*
### CROUTHAMEL FOREFRONT 8064

**Birth Date:** 3-1-2018  
**Bull:** 19302792  
**Tattoo:** 8064

<table>
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<tr>
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<tbody>
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<td>IMF Ratio</td>
<td>+7 +1.6</td>
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<tr>
<td>REA Ratio</td>
<td>+8 +2.4</td>
</tr>
<tr>
<td>SC</td>
<td>+1+1.02+20</td>
</tr>
<tr>
<td>BW (205)</td>
<td>77 642</td>
</tr>
<tr>
<td>WW (365)</td>
<td>96 1146</td>
</tr>
<tr>
<td>YW</td>
<td>100 2389</td>
</tr>
<tr>
<td>SC</td>
<td>104+43.1</td>
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<tr>
<td>CEM</td>
<td>365+61.34</td>
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<tr>
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<td>35+23.89</td>
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<tr>
<td>MARB</td>
<td>20+103.21</td>
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</table>

** sire of Lots 140 and 145 **

### CROUTHAMEL FINAL ANSWER 8168

**Birth Date:** 3-3-2018  
**Bull:** 19344679  
**Tattoo:** 8168

**MR Innovation 251**  
**Connealy Thunder**  
**Miss Charlo 503**

<table>
<thead>
<tr>
<th>Trait</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>IMF Ratio</td>
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<tr>
<td>REA Ratio</td>
<td>+8 +48</td>
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<tr>
<td>SC</td>
<td>+10+26</td>
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<tr>
<td>BW (205)</td>
<td>79 645</td>
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<tr>
<td>WW (365)</td>
<td>98 42.59</td>
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<tr>
<td>YW</td>
<td>1058</td>
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<tr>
<td>SC</td>
<td>1058</td>
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<tr>
<td>CEM</td>
<td>205+42.59</td>
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<tr>
<td>MILK</td>
<td>205+45.90</td>
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<td>MARB</td>
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<tr>
<td>REA</td>
<td>205+45.90</td>
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<tr>
<td>$W</td>
<td>205+45.90</td>
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<tr>
<td>$F</td>
<td>205+45.90</td>
</tr>
<tr>
<td>$G</td>
<td>205+45.90</td>
</tr>
<tr>
<td>$B</td>
<td>205+45.90</td>
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</tbody>
</table>

**Too young for ultrasound.**

### CROUTHAMEL FINAL ANSWER 8172

**Birth Date:** 3-4-2018  
**Bull:** 19342681  
**Tattoo:** 8172

**MR Innovation 251**  
**Connealy Thunder**  
**Miss Charlo 519**

<table>
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<tbody>
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<td>IMF Ratio</td>
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<tr>
<td>REA Ratio</td>
<td>+8 +50</td>
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<tr>
<td>SC</td>
<td>+10+24</td>
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<tr>
<td>BW (205)</td>
<td>75 637</td>
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<tr>
<td>WW (365)</td>
<td>97 43.86</td>
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<tr>
<td>YW</td>
<td>100</td>
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<tr>
<td>SC</td>
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<tr>
<td>CEM</td>
<td>205+43.86</td>
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<tr>
<td>MILK</td>
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<tr>
<td>MARB</td>
<td>205+45.90</td>
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<tr>
<td>REA</td>
<td>205+45.90</td>
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<tr>
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<tr>
<td>$G</td>
<td>205+45.90</td>
</tr>
<tr>
<td>$B</td>
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</tbody>
</table>

**Too young for ultrasound.**

### CROUTHAMEL TEN X 8163

**Birth Date:** 3-1-2018  
**Bull:** 19340612  
**Tattoo:** 8163

**MR Innovation 251**  
**Connealy Thunder**  
**CROUTHAMEL COUNTESS 6061**

<table>
<thead>
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<tbody>
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<tr>
<td>REA Ratio</td>
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<tr>
<td>SC</td>
<td>+1+1.12+22</td>
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<tr>
<td>BW (205)</td>
<td>76 633</td>
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<td>WW (365)</td>
<td>96 40.95</td>
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<tr>
<td>YW</td>
<td>1146</td>
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<td>SC</td>
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<td>CEM</td>
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<tr>
<td>MILK</td>
<td>365+42.96</td>
</tr>
<tr>
<td>MARB</td>
<td>365+42.96</td>
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<tr>
<td>REA</td>
<td>365+42.96</td>
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<tr>
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<tr>
<td>$G</td>
<td>365+42.96</td>
</tr>
<tr>
<td>$B</td>
<td>365+42.96</td>
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</table>

**Too young for ultrasound.**

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**TOO YOUNG FOR ULTRASOUND. Solid growth figures here with a top 15% WW and top 10% YW EPD. He’s also in the top 15% for Ribeye as well as $Beef Value.**
141 PDI CCC UPWARD 8082F
Calved: 2/5/2018
B 3529653
Tattoo: 8082F

142 PDI CCC UPWARD 8112F
Calved: 2/12/2018
B 3529654
Tattoo: 8112F

143 PDI CCC EMULATION 8117F
Calved: 2/13/2018
B 3529655
Tattoo: 8117F

144 PDI CCC PROTOCOL 8037F
Calved: 1/14/2018
B 3529656
Tattoo: 8037F

145 PDI CCC TEN X 8146F
Calved: 2/22/2018
B 3529657
Tattoo: 8146F

CED BW WW YW SC MCE Milk MARB REA FAT
11.6 0.2 61.4 96.3 5.3 27.2 0.49 0.45 0.005

141 PDI CCC UPWARD 8082F - Lot 141

142 PDI CCC UPWARD 8112F - Lot 142

143 PDI CCC EMULATION 8117F - Lot 143

144 PDI CCC PROTOCOL 8037F - Lot 144

145 PDI CCC TEN X 8146F - Lot 145
Seventy-Five (75) head of Commercial Angus heifer calves from Jason Stewart, Heppner OR

The seventy-five head is sorted from over 300 heifer calves

These heifers are one-iron, foundation bred from one of the Northwest’s most Progressive Programs. The JS Cattle Company stock run outside all winter, summer in the mountains, and know how to make a living. They are horse broke, dog broke, electric fence broke, and load on a truck effortlessly. These heifers were developed that same way - born outside, raised in the mountains, weaned in the meadows, and have been at Top Cut Feedlot for the last 45 days. They have been managed with strict intentions to be set up for a successful breeding season. They have been under a full fledged vaccination program and all pre-breeding shots are in place.

Jason Stewart is very dedicated to producing and stacking maternal pedigrees. He is extremely diligent in his genetic selection not just for functional bloodlines, but for cattle that fit his standard of soundness, fleshing ability, and desired performance to fit his rigorous landscape. We have no doubt these females will go onto work in any environment you send them to.

CATTLE NEED TO SHIP FROM TOP CUT IN STANFIELD, OR
Accommodations could be made to stay through breeding season
"Envy's pedigree is a walk through history of maternal greatness. If you look at his 3-generation stack it represents the best individuals ever raised in some of the most revered programs in Angus history. Beyond his pedigree, Envy’s mother is exactly his own type and kind is unmatched with true Angus-breed character and performance. Envy was a standout from birth and excelled his contemporaries at every stage of production, we look forward to his impact here for years to come."

-Joe Fischer, Bruin Ranch

**Bruin Envy 7248**

BD: 07/26/2017  Reg #: 19140354  BW: 84 lbs  •  205 WT: 828  •  365 WT: 1500

<table>
<thead>
<tr>
<th>CE</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>Milk</th>
<th>SC</th>
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<tr>
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<td>+1.8</td>
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<td>+119</td>
<td>+23</td>
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<table>
<thead>
<tr>
<th>CW</th>
<th>Marb</th>
<th>REA</th>
<th>SB</th>
</tr>
</thead>
<tbody>
<tr>
<td>+47</td>
<td>-.07</td>
<td>+.88</td>
<td>+99.30</td>
</tr>
</tbody>
</table>

SEMEN AVAILABLE! ORDER TODAY!
(530) 392-0154 • (406) 240-1550
CROUTHAMEL CATTLE COMPANY

Spring Bull Sale

Wednesday, February 27, 2019 • 1 p.m.

Double M Sale Facility • Stanfield, OR

LOT 1

LOT 11

LOT 29

LOT 14

LOT 58

LOT 86