OLSEN RANCHES, INC.

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SALE DATE

Saturday, January 27, 2018

12:30 PM MST

Olsen Ranches, Inc.
Annual Bull Sale
January 27, 2018
Sale - 12:30 pm
Lunch Available
Harrisburg, Nebraska

Welcome to Olsen Ranches! We invite you to look over our program and evaluate how we may be able to assist your livestock needs. We have worked to develop a set of functional cows and to make breeding decisions using as many tools possible such as EPDs, feed intake measurements, breed indices, and DNA enhancements to take the risk out of the cattle we select and ultimately market. With the current tight margins, we understand the importance of each decision you make for your operation. As the nation's cow herd expands and feeder calf supplies become greater, we will see the marketplace reward cattle that have identifiable genetic value. Whether you retain ownership or sell calves at weaning, the genetics you use to produce your replacements and your calves will have a large impact on your operation. We would encourage you to evaluate our bulls and consider how they would fit your operation in the years ahead.

We take pride in our commercial cow herd and the demand we have for our harvest ready cattle. Our last set of steers graded 94% choice or better; the steers out of our commercial cows routinely grade 90-97% choice or prime. We are focused on maternal cows that will produce calves that are desirable for the market place and the consumer of the beef they produce. We believe these bulls have the ability to fit in a straight breeding program to increase calf value or crossbreeding program to gain heterosis and complement the industry's cow herd. These bulls have the ability to add profitability through heterosis and maintain carcass premiums in a crossbreeding system. These bulls were feed efficiency tested from March 24, 2017, to June 4, 2017. We are able to measure very accurate feed intake on individual animals through our GrowSafe system. All sale bulls will have Genomic Enhanced EPDs. This enhancement is done by combining a DNA test with the conventional EPD and allows for an animal to have more accuracy for each trait.

As we have developed our registered Hereford cattle, we have chosen sires that have already proven themselves in our commercial herd. We are excited to offer you these bulls with outstanding carcass EPDs and proven maternal traits well suited to our high plains environment.

At our sale, the bulls will have a base price. If more than one person is interested in a particular bull, the price of that bull will be raised in $100 increments.

We would enjoy the opportunity to visit with you about our program or answer any questions you may have. We are located 25 miles south of Scottsbluff or 17 miles north of Kimball on Highway 71, and 10 miles west on Banner County Road 14. You will find us very open and honest about our cattle. Feel free to call and make arrangements anytime to view our cow herd or our bulls. We believe there is value in these bulls for the producer who retains ownership through the feedyard or who sells weaned calves.

If you cannot attend the sale on the 27th, please contact us and we will accommodate you. More pictures will be on our website - www.olsenranches.com. Thank you for letting us show you how our bulls could work for you.

Art and Douglas Olsen
(308) 641-1273 (Douglas)
(308) 631-3104 (Art)

PERFORMANCE INFORMATION

Quality performance information is extremely important to our operation. The EPD terms are defined on the following page. The table with the breed average EPDs and the average of our sale bulls shows some of the selection pressure that we have achieved with our program. Our pressure on calving ease, moderate growth, lower feed intake, average milk, smaller cow size, better udders, and especially carcass traits are evident in the following table.

Avg. EPDs for 2016 Born Calves

	CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	Udd	Teat	CW	FT	REA	MARB	BMI	CHB
Olsen Sale Bull EPD Avg	9.0	0.7	46	76	0.0	1.2	13.5	23	46	5.0	70	1.31	1.36	60	0.04	0.37	0.39	$23	$28
Breed Avg. for 2016 Born	1.6	3.1	50	81	0.1	0.9	13.7	23	48	1.7	88	1.18	1.18	63	0.01	0.35	0.10	$22	$28

Because of data collected on animals in a pedigree, EPDs are superior to an animal's actual measurements in predicting an animal's genetic potential. For more information about the American Hereford Association's performance measurements, check www.hereford.org or the preface of the AHA sire summary under "Records/TPR". Performance pedigrees of the animals can also be found on AHA's website through an "EPD Search" using the guest option and using the animal's name or registration number to look up any animal.

Weight and Feed Efficiency Terms

Feed Efficiency Trial March 24 – June 4, 2017

ADG	The average daily gain of the individual during the 70 day feed efficiency test
6/3 WT	The actual weight at the end of the feed efficiency test
Scrotal	Actual scrotal measurement
F/G	The feed to gain ratio during the 70 day feed efficiency test - note that a lower ratio is more feed efficient
ADJ F/G	The feed to gain ratio during the 70 day test that is adjusted for an animal's body weight
RFI	The Residual Feed Intake is the difference between an animal's actual feed intake and its expected feed intake based on its size and growth over a specified period. An animal with a lower RFI value is more feed efficient.
RG	The Residual Gain is the difference between an animal's actual gain and its expected gain based on intake and body weight. An animal with a higher value is more efficient.
FE Index	Feed Efficiency Index is an index that combines the value of gain and the cost of intake. Higher is more desirable.

Understanding Hereford EPDs

The American Hereford Association (AHA) currently produces expected progeny differences (EPDs) for 17 traits and calculates three profit ($) indexes. AHA's genetic evaluation makes use of a Marker Effects Model that allows the calculation of EPDs by incorporating the pedigree, phenotypic and genomic profile of an animal. Animals that have a genomic profile will be denoted with a GE-EPD logo.

The current suite of Hereford EPDs and $ indexes includes:

Calving Ease — Direct (CE)
CE EPD is based on calving ease scores and birth weights and is measured on a percentage. CE EPD indicates the influence of the sire on calving ease in females calving at 2 years of age. For example, if sire A has a CE EPD of 6 and sire B has a CE EPD of -2, then you would expect on average if comparably mated, sire A's calves would be born with an 8% more likely chance of being unassisted when compared to sire B's calves.

Birth Weight (BW)
BW EPD is an indicator trait for calving ease and is measured in pounds. For example, if sire A has a BW EPD of 3.6 and sire B has a BW EPD of 0.6, then you would expect on average if comparably mated, sire A's calves would come 3 lb. heavier at birth when compared to sire B's calves. Larger BW EPDs usually, but not always, indicate more calving difficulty. The figure in parentheses found after each EPD is an accuracy value or reliability of the EPD.

Weaning Weight (WW)
WW EPD is an estimate of pre-weaning growth that is measured in pounds. For example, if sire A has a WW EPD of 60 and sire B has a WW EPD of 40, then you would expect on average if comparably mated, sire A's calves would weigh 20 lb. heavier at weaning when compared to sire B's calves.

Yearling Weight (YW)
YW EPD is an estimate of post-weaning growth that is measured in pounds. For example, if sire A has a YW EPD of 100 and sire B has a YW EPD of 70, then you would expect on average if comparably mated, sire A's calves would weigh 30 lb. heavier at a year of age when compared to sire B's calves.

Dry Matter Intake (DMI)
The Dry Matter Intake EPD predicts the daily consumption of pounds of feed. For example, if sire A has a DMI EPD of 1.1 and sire B has a DMI EPD of 0.1, you would expect sire B's progeny, if comparably mated, to consume on average 1 pound of feed less per day.

Scrotal Circumference (SC)
Measured in centimeters and adjusted to 365 days of age, SC EPD is the best estimate of fertility. It is related to the bull's own semen quantity and quality, and is also associated with age at puberty of sons and daughters. Larger SC EPDs suggest younger age at puberty. Yearling sons of a sire with a .7 SC EPD should have yearling scrotal circumference measurements that average 0.7 centimeters (cm) larger than progeny by a bull with an EPD of 0.0 cm.

Sustained Cow Fertility
The AHA's new Sustained Cow Fertility EPD (SCF) is a prediction of a cow's ability to continue to calve from three years of age through twelve years of age, given she calved as a two-year-old. The EPD is expressed as a deviation in the proportion of the ten-possible calving's to twelve years old expressed as a probability. For example, the daughters of a bull with a 30 EPD would have the genetic potential to have one more calf by age twelve then the daughters from a bull with a 20 EPD. In other words, the daughters from the 30 EPD bull would have a 10% greater probability of having one more calf than the bull with a 20 EPD. This is equivalent to saying that the daughters are 10% more likely to remain in the herd to age 12.

Maternal Milk (MM)
The milking ability of a sire's daughters is expressed in pounds of calf weaned. It predicts the difference in average weaning weights of sires' daughters' progeny due to milking ability. Daughters of the sire with a +14 MM EPD should produce progeny with 205-day weights averaging 24 lb. more (as a result of greater milk production) than daughters of a bull with a MM EPD of -10 lb. (14 minus -10.0 = 24 lb.). This difference in weaning weight is due to total milk production during the entire lactation.

Maternal Milk & Growth (M&G)
Maternal Milk & Growth reflects what the sire is expected to transmit to his daughters for a combination of growth genetics through weaning and genetics for milking ability. It is an estimate of daughters' progeny weaning weight. A bull with a 29 lb. M&G EPD should sire daughters with progeny weaning weights averaging 19 lb. heavier than progeny of a bull's daughters with a M&G EPD of 10 lb. (29 minus 10 = 19 lb.). It is equal to one-half the sire's weaning weight EPD, plus all of his MM EPD. No accuracy is associated with this since it is simply a mathematical combination of two other EPDs. It is sometimes referred to as "total maternal" or "combined maternal."

Maternal Calving Ease (MCE)
MCE EPD predicts how easily a sires daughters will calve at 2 years of age and is measured on a percentage. For example, if sire A has a MCE EPD of 7 and sire B has a CE EPD of -3, then you would expect on average if comparably mated, sire A's daughters would calve with a 10% more likely chance of being unassisted when compared to sire B's daughters.

Mature Cow Weight (MCW)
The MCW EPD was designed to help breeders select sires that will either increase or decrease mature size of cows in the herd. The trait was developed after years of cow weight data collection and the EPD relates directly to the maintenance requirements of a cow herd. For example, if sire A has a MCW EPD of 100 and sire B has an EPD of 85, then you would expect the females of sire A, if mated to similar cows, to be 15 lb. heavier at mature size.

Udder suspension (UDDR)
UDDR EPDs are reported on a 9 (very tight) to 1 (very pendulous) scoring scale. Differences in sire EPDs predict the difference expected in the sires' daughters' udder characteristics when managed in the same environment.

For example, if sire A has a UDDR EPD of 0.4, and sire B has a UDDR EPD of -0.1, the difference in the values is 0.5, or one-half of a score. If daughters of sires A and B are raised and managed in the same environment, you would expect half a score better udder suspension in daughters of sire A, compared to sire B.

Teat size (TEAT)
TEAT EPDs are reported on a 9 (very small) to 1 (very large, balloon shaped) scoring scale. Differences in sire EPDs predict the difference expected in the sires' daughters' udder characteristics when managed in the same environment.

For example, if sire A has a teat size EPD of 0.4, and sire B has a teat size EPD of -0.1, the difference in the values is 0.5, or one-half of a score. If daughters of sires A and B are raised and managed in the same environment, you would expect half a score smaller teat size in daughters of sire A, compared to sire B.

Carcass Weight (CW)
Carcass weight is a beneficial trait when considering the impact that pounds have relative to end product value. At the same age constant endpoint, sires with higher values for carcass weight will add more pounds of hot carcass weight compared to sires with lower values for carcass weight. For example, if sire A has a CW EPD of 84 and sire B has a CW EPD 64, then you would expect the progeny of sire A, if harvested at the same age constant endpoint, to have a 20-lb. advantage in terms of hot carcass weight.

Rib Fat (FAT)
The FAT EPD reflects differences in adjusted 365-day, 12th-rib fat thickness based on carcass measurements of harvested cattle. Sires with low, or negative FAT EPDs are expected to produce leaner progeny than sires with higher EPDs. Ultrasound measures are also incorporated into this trait and have been shown to be highly correlated with the performance of slaughter progeny. All data is expressed on a carcass scale.

Ribeye Area (REA)
REA EPDs reflect differences in an adjusted 365-day ribeye area measurement based on carcass measurements of harvested cattle. Sires with relatively higher REA EPDs are expected to produce better- muscled and higher percentage yielding slaughter progeny than will sires with lower REA EPDs. Ultrasound measurements are also incorporated into this trait and have been shown to be highly correlated with the performance of slaughter progeny. All data is expressed on a carcass scale.

Marbling (MARB)
MARB EPDs reflect differences in an adjusted 365-day marbling score (intramuscular fat, [IMF]) based on carcass measurements of harvested cattle. Breeding cattle with higher MARB EPDs should produce slaughter progeny with a higher degree of IMF and therefore higher quality grades. Ultrasound measurements are also incorporated into this trait and have been shown to be highly correlated with the performance of slaughter progeny. All data is expressed on a carcass scale.

Baldie Maternal Index (BMI$)
The Baldy Maternal Index is a maternally focused index that is based on a production system that uses Hereford x Angus cross cows. Progeny of these cows are directed towards Certified Hereford Beef. This index has significant weight on Sustained Cow Fertility, which predicts fertility and longevity of females. There is a slightly positive weight on Weaning Weight, Mature Cow Weight and Milk which accounts for enough growth but ensures females do not increase inputs. There is some negative emphasis on Dry Matter Intake, but a positive weighting on Carcass Weight which is anticipated to provide profitability from finishing of non-replacement females and castrated males. Marbling and Rib-eye Area are also positively weighted to keep the harvested progeny successful for CHB. This index is geared to identify Hereford bulls that will be profitable when used in a rotational cross with mature commercial Angus cows.

Brahman Influence Index (BII$)
The Brahman Influence Index is a maternally focused index that is based on a production system that uses Brahman x Hereford cross cows. Progeny of these cows are directed towards a commodity beef market since Certified Hereford Beef does not accept Brahman influenced cattle. This index has significant weight on Sustained Cow Fertility, which predicts fertility and longevity of females. There is a slightly positive weight on Weaning Weight, Mature Cow Weight and Milk which accounts for enough growth but ensures females do not increase inputs. There is some negative emphasis on Dry Matter Intake, but a positive weighting on Carcass Weight which is anticipated to provide profitability in finishing non-replacement females and castrated males. Marbling and Rib-eye Area are also positively weighted to keep harvested progeny successful for a variety of commodity based programs. This index targets producers that use Hereford bulls on Brahman influenced cows.

Certified Hereford Beef Index (CHB$)
The Certified Hereford Beef Index is a terminal sire index that is built on a production system where Hereford bulls are mated to mature commercial Angus cows and all progeny will be targeted for Certified Hereford Beef after the finishing phase. This index has significant weight on Carcass Weight to ensure profit on the rail. As well there is a positive weighting for Average Daily Gain along with a negative weighting on Dry Matter Intake to ensure efficient pounds of growth in the finishing phase. Keep in mind, this production system takes advantage of complimentary breeding with the commercial Angus cow. Although Marbling is weighted positively in this index, a positive weighting for Rib-eye Area and a negative weighting for Back Fat are a greater priority in this index to allow for optimum end-product merit. This is the only index that has no emphasis on fertility. Remember that no replacement heifers are being retained.

690Z OR PROFICIENT 690Z

Polled 43860062

BAR JZ TRADITION 434V {SOD,DLF,HYF,IEF} (P23143259)

Sire: EFBEEF SCHU-LAR PROFICIENT N093 {SOD,DLF,HYF,IEF} (P42444860)

GERBER 117F DIXIE 009K {DLF,HYF,IEF} (P42068219)

UPS DOMINO 3027 {CHB,SOD,DLF,HYF,IEF} (42426386)

Dam: OR 3027 MISS DOMINO 003R {DLF,HYF,IEF} (43173334)

DS RAM DOMET 804 (42969990)

6/3/17 WT 930

Ratio

BW 90%

WW 111%

YW 114%

Cont 38

Feed Efficiency

ADG 5.11

RFI 0.58

FE Index $5.72

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
14.5	-0.6	42	73	0.3	0.9	18.5	33	54	9.2	57	1.20	1.30	59	0.05	0.45	0.38	$27	$26

653J OR 485T FEDERAL 653J

Polled 43860111

KJ HVH 33N REDEEM 485T ET {CHB,DLF,HYF,IEF} (P42834201)

Sire: C&L CT FEDERAL 485T 6Y {CHB,DLF,HYF,IEF} (P43214122)

C&L MISS JUNIOR 408 1T {DLF,HYF,IEF} (P42829524)

CSU RAM DOMINATOR 4203 {SOD,DLF,HYF,IEF} (42531422)

Dam: OR RAM DOMET H310 (43472997)

OR L008 MISS HARLAND 103Z (43274124)

6/3/17 WT 905

Ratio

BW 101%

WW 101%

YW 103%

Cont 38

Feed Efficiency

ADG 4.98

RFI -2.15

FE Index $22.30

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
8.6	2.1	55	88	-0.1	1.0	16.0	18	46	3.2	96	1.20	1.10	61	0.04	0.29	0.07	$25	$29

N651 OR 3575 ADVANCE N651

Horned 43860123

HH ADVANCE 1045L {CHB,DLF,IEF} (42151369)

Sire: DS 1045 ADVANCE 3575N {CHB,DLF,HYF,IEF} (42394633)

DS 6805 MS TROY 8605 {DLF,HYF,IEF} (41046851)

CSU RAM DOMINATOR 4203 {SOD,DLF,HYF,IEF} (42531422)

Dam: DS RAM DOMET 702 {DLF,HYF,IEF} (42877029)

DS 1045 ADV LADY 3560N (42394697)

6/3/17 WT 915

Ratio

BW 99%

WW 83%

YW 99%

Cont 38

Feed Efficiency

ADG 5.13

RFI -1.70

FE Index $21.27

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
4.1	3.2	42	77	0.0	1.1	9.2	13	34	1.2	79	1.30	1.40	71	0.06	0.64	0.62	$20	$34

N660 OR 3575 ADVANCE N660

Horned 43860063

HH ADVANCE 1045L {CHB,DLF,IEF} (42151369)

Sire: DS 1045 ADVANCE 3575N {CHB,DLF,HYF,IEF} (42394633)

DS 6805 MS TROY 8605 {DLF,HYF,IEF} (41046851)

UPS DOMINO 3027 {CHB,SOD,DLF,HYF,IEF} (42426386)

Dam: OR 3027 MISS DOMINO 006R {DOD} (43173323)

DS 9059 MS BEEF 815 (42969991)

6/3/17 WT 845

Ratio

BW 103%

WW 105%

YW 94%

Cont 38

Feed Efficiency

ADG 4.18

RFI 1.64

FE Index -$12.52

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
10.7	1.5	49	74	0.1	1.3	13.1	21	45	5.5	69	1.30	1.40	76	0.06	0.81	0.62	$25	$34

655G OR 0042X SENTINEL 655G

Scurred 43860093

UPS DOMINO 3027 {CHB,SOD,DLF,HYF,IEF} (42426386)

Sire: K&B SENTINEL 0042X {CHB,DLF,HYF,IEF} (P43110745)

K&B RED LADY 8045U {DLF,HYF,IEF} (P42904676)

GENOAS BONANZA 11051 {CHB,DLF,HYF,IEF} (P43174342)

Dam: OR MISS BONANZA 410B (P43635777)

OR 3575 MISS ADV N901 (43068362)

6/3/17 WT 883

Ratio

BW 90%

WW 110%

YW 104%

Cont 38

Feed Efficiency

ADG 3.93

RFI 0.96

FE Index -$13.04

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
11.1	-0.8	54	90	0.3	1.1	16.1	25	52	7.3	83	1.60	1.50	65	0.08	0.32	0.39	$25	$28

675G OR 0042X SENTINEL 675G

Horned 43860066

UPS DOMINO 3027 {CHB,SOD,DLF,HYF,IEF} (42426386)

Sire: K&B SENTINEL 0042X {CHB,DLF,HYF,IEF} (P43110745)

K&B RED LADY 8045U {DLF,HYF,IEF} (P42904676)

CK MR HARLAND L008 {CHB,DLF,HYF,IEF} (43016347)

Dam: OR L008 MISS HARLAND 106Z (43274128)

OR 9059 MISS BEEF J911 (43068241)

6/3/17 WT 965

Ratio

BW 109%

WW 123%

YW 110%

Cont 38

Feed Efficiency

ADG 4.57

RFI -1.39

FE Index $9.20

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
3.7	3.4	57	93	0.1	1.5	16.7	26	55	3.7	88	1.40	1.40	71	0.02	0.40	0.25	$27	$33

S666 OR N151 HUSKER S666

Polled 43860105

DS 1045 ADVANCE 3575N {CHB,DLF,HYF,IEF} (42394633)

Sire: OR 3575 HUSKER N151 ET {CHB,DLF,HYF,IEF} (43268575)

CK MS ON TARGET F020 {DLF,HYF,IEF} (42581656)

EF F745 FRANK P230 {CHB,DLF,HYF,IEF} (P42528669)

Dam: OR MISS FRANK 906F (P43068239)

DS RAM DOMET 700 (42877021)

6/3/17 WT 821

Ratio

BW 90%

WW 73%

YW 92%

Cont 38

Feed Efficiency

ADG 4.75

RFI -1.03

FE Index $14.82

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
13.6	-0.5	42	75	-0.3	1.2	13.8	21	42	7.5	65	1.20	1.30	73	0.08	0.30	0.84	$26	$36

S665 OR N151 HUSKER S665

Horned 43860118

DS 1045 ADVANCE 3575N {CHB,DLF,HYF,IEF} (42394633)

Sire: OR 3575 HUSKER N151 ET {CHB,DLF,HYF,IEF} (43268575)

CK MS ON TARGET F020 {DLF,HYF,IEF} (42581656)

CSU RAM DOMINATOR 4203 {SOD,DLF,HYF,IEF} (42531422)

Dam: OR RAM DOMET H426 (43635790)

OR 9059 MISS BEEF J212 (43373887)

6/3/17 WT 906

Ratio

BW 116%

WW 107%

YW 109%

Cont 38

Feed Efficiency

ADG 4.80

RFI -0.94

FE Index $11.52

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
5.3	3.0	48	86	-0.2	1.9	11.4	21	45	2.1	81	1.10	1.20	69	0.09	0.65	0.40	$22	$33

L689 OR N162 HUSKER L689

Scurred 43860082

DS 1045 ADVANCE 3575N {CHB,DLF,HYF,IEF} (42394633)

Sire: OR 3575 HUSKER N162 ET {CHB,DLF,HYF,IEF} (43268578)

CK MS ON TARGET F020 {DLF,HYF,IEF} (42581656)

GENOAS BONANZA 11051 {CHB,DLF,HYF,IEF} (P43174342)

Dam: OR MISS BONANZA 305B (P43472996)

OR 3027 MISS DOMINO 104R (43266040)

6/3/17 WT 836

Ratio	
BW	86%
WW	99%
YW	105%
Cont	38
Feed Efficiency	
ADG	4.37
RFI	-1.70
FE Index	$12.68

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
11.9	-0.7	53	93	0.2	1.6	15.5	25	51	7.5	85	1.40	1.40	69	0.12	0.48	0.62	$26	$31

L691 OR N162 HUSKER L691

Polled 43860104

DS 1045 ADVANCE 3575N {CHB,DLF,HYF,IEF} (42394633)

Sire: OR 3575 HUSKER N162 ET {CHB,DLF,HYF,IEF} (43268578)

CK MS ON TARGET F020 {DLF,HYF,IEF} (42581656)

EF F745 FRANK P230 {CHB,DLF,HYF,IEF} (P42528669)

Dam: OR MISS FRANK 902F (P43068243)

DS RAM DOMET 603 (42781495)

6/3/17 WT 859

Ratio	
BW	109%
WW	118%
YW	106%
Cont	38
Feed Efficiency	
ADG	4.09
RFI	1.01
FE Index	-$10.29

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
7.4	1.4	48	75	0.2	1.1	13.6	24	48	3.8	69	1.10	1.20	65	0.09	0.34	0.85	$24	$28

L688 OR N162 HUSKER L688

Horned 43860084

DS 1045 ADVANCE 3575N {CHB,DLF,HYF,IEF} (42394633)

Sire: OR 3575 HUSKER N162 ET {CHB,DLF,HYF,IEF} (43268578)

CK MS ON TARGET F020 {DLF,HYF,IEF} (42581656)

EFBEEF M821 BEEF EATER U332 {DLF,HYF,IEF} (P42896725)

Dam: OR U332 MISS BEEF EATER 308T (P43472989)

OR 3027 MISS DOMINO 115R (43266037)

6/3/17 WT 789

Ratio	
BW	86%
WW	95%
YW	99%
Cont	38
Feed Efficiency	
ADG	4.75
RFI	1.25
FE Index	$1.06

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
11.4	-0.4	44	72	0.2	1.3	12.8	20	42	6.2	66	1.20	1.20	70	0.11	0.49	0.54	$23	$29

L685 OR N162 HUSKER L685

Scurred 43860163

DS 1045 ADVANCE 3575N {CHB,DLF,HYF,IEF} (42394633)

Sire: OR 3575 HUSKER N162 ET {CHB,DLF,HYF,IEF} (43268578)

CK MS ON TARGET F020 {DLF,HYF,IEF} (42581656)

SHF PROGRESS P20 {SOD,DLF,HYF,IEF} (P42481042)

Dam: OR MISS PROGRESS 202K (P43374234)

OR 3027 MISS DOMINO 006R {DOD} (43173323)

6/3/17 WT 833

Ratio	
BW	87%
WW	104%
YW	102%
Cont	38
Feed Efficiency	
ADG	4.65
RFI	0.52
FE Index	$2.39

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
14.8	-1.7	49	78	0.2	1.2	16.6	24	48	6.5	49	1.40	1.50	70	0.11	0.54	0.62	$27	$30

S674 OR N151 HUSKER S674

Horned 43860133

DS 1045 ADVANCE 3575N {CHB,DLF,HYF,IEF} (42394633)

Sire: OR 3575 HUSKER N162 ET {CHB,DLF,HYF,IEF} (43268578)

CK MS ON TARGET F020 {DLF,HYF,IEF} (42581656)

DS BEEF 9059 {SOD,CHB} (41149734)

Dam: DS 9059 MS BEEF 815 (42969991)

DS 552 DOMET 8401 (41044396)

6/3/17 WT 814

Ratio

BW 0%

WW 0%

YW 0%

Cont 0

Feed Efficiency

ADG 4.96

RFI 1.18

FE Index $3.89

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
9.1	0.9	50	81	0.1	0.9	12.4	18	42	5.3	90	1.20	1.20	71	0.06	0.57	0.40	$23	$32

C662 OR 451S CASTLE C662

Polled 43860153

SHF LITERAL W18 Y90 {CHB,DLF,HYF,IEF} (P43181182)

Sire: OR Y90 SANDMAN 451S {DLF,HYF,IEF} (P43635843)

OR MISS PROFICIENT 002Z {DOD,DLF,HYF,IEF} (P43173347)

OR 3575 HUSKER N151 ET {CHB,DLF,HYF,IEF} (43268575)

Dam: OR N151 MISS HUSKER S424 (43635786)

DS 9059 MS BEEF 707 (42877037)

6/3/17 WT 889

Ratio

BW 117%

WW 103%

YW 106%

Cont 38

Feed Efficiency

ADG 4.51

RFI 0.45

FE Index -$1.21

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
9.2	1.4	44	74	0.3	1.2	13.6	26	48	4.8	43	1.30	1.20	56	0.06	0.20	0.30	$21	$23

659A OR A267 ARROW 659A

Polled 43860107

SHF PROGRESS P20 {SOD,DLF,HYF,IEF} (P42481042)

Sire: SHF ARROW P20 A267 {DLF,HYF,IEF} (P43414821)

SHF MISS M326 T08 ET {DLF,HYF,IEF} (P42795936)

OR 3027 DOMINO 152R {DLF,HYF,IEF} (43266034)

Dam: OR 152R MISS DOMINO 425 (43658693)

OR 3575 MISS ADVANCE N209 (43373899)

6/3/17 WT 834

Ratio

BW 108%

WW 90%

YW 99%

Cont 38

Feed Efficiency

ADG 4.80

RFI 0.32

FE Index $6.04

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
7.0	1.3	40	71	0.0	1.5	16.2	21	41	1.9	74	1.40	1.50	54	0.04	0.20	0.38	$25	$26

661A OR A267 ARROW 661A

Polled 43860165

SHF PROGRESS P20 {SOD,DLF,HYF,IEF} (P42481042)

Sire: SHF ARROW P20 A267 {DLF,HYF,IEF} (P43414821)

SHF MISS M326 T08 ET {DLF,HYF,IEF} (P42795936)

BOYD BIG RED 2024 {DLF,HYF,IEF} (43273702)

Dam: OR N166 MISS HUSKER B408 (43635795)

DS RAM DOMET 803 (42970004)

6/3/17 WT 862

Ratio

BW 106%

WW 91%

YW 102%

Cont 38

Feed Efficiency

ADG 4.33

RFI 1.02

FE Index -$6.86

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
6.3	2.1	52	89	0.1	1.6	16.7	21	47	1.6	81	1.50	1.60	47	-0.03	0.16	0.03	$24	$24

663A OR A267 ARROW 663A

Polled 43860151

SHF PROGRESS P20 {SOD,DLF,HYF,IEF} (P42481042)

Sire: SHF ARROW P20 A267 {DLF,HYF,IEF} (P43414821)

SHF MISS M326 T08 ET {DLF,HYF,IEF} (P42795936)

OR 3575 HUSKER N151 ET {CHB,DLF,HYF,IEF} (43268575)

Dam: OR N151 MISS HUSKER S419 (43635784)

DS 9059 MS BEEF 711 (42877030)

6/3/17 WT 907

Ratio	
BW	99%
WW	118%
YW	108%
Cont	38
Feed Efficiency	
ADG	4.62
RFI	1.08
FE Index	-$4.71

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
5.0	1.3	58	90	0.2	1.7	15.0	20	50	2.2	99	1.30	1.40	50	0.03	0.31	0.17	$23	$23

667Z OR A42 APOLLO 667Z

Polled 43860166

KCF BENNETT REVOLUTION X51 {CHB,DLF,HYF,IEF} (P43081556)

Sire: LOEWEN C&L 33N APOLLO A42 ET {CHB,DLF,HYF,IEF} (P43373567)

HVH OKSANA 4L 33N {DLF,HYF,IEF} (P42353096)

CSU RAM DOMINATOR 4203 {SOD,DLF,HYF,IEF} (42531422)

Dam: DS RAM DOMET 703 {DOD} (42877031)

DS 1181L DOMINA 3485N {DOD} (42394560)

6/3/17 WT 820

Ratio	
BW	75%
WW	81%
YW	94%
Cont	38
Feed Efficiency	
ADG	4.41
RFI	-0.96
FE Index	$9.04

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
9.0	-0.6	44	70	-0.1	1.3	15.8	20	42	5.2	89	1.30	1.50	63	0.01	0.56	0.27	$26	$31

681G OR 0042X SENTINEL 681G

Horned 43860092

OR 3575 HUSKER N151 ET {CHB,DLF,HYF,IEF} (43268575)

Sire: OR N151 HUSKER S361 {DLF,HYF,IEF} (43472959)

OR 9059 MISS BEEF J009 (43173341)

GENOAS BONANZA 11051 {CHB,DLF,HYF,IEF} (P43174342)

Dam: OR MISS BONANZA 409B (43635831)

OR MISS PROGRESS 113P (P43266038)

6/3/17 WT 958

Ratio	
BW	0%
WW	0%
YW	0%
Cont	0
Feed Efficiency	
ADG	4.60
RFI	1.83
FE Index	-$11.63

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
10.1	-0.8	49	84	0.0	1.4	14.9	26	50	5.0	73	1.15	1.25	64	0.05	0.27	0.44	$25	$31

657L OR 0945 DOMINO 657L

Horned 43860459

LJS MARK DOMINO 0709 {CHB,DLF,HYF,IEF} (42810003)

Sire: LJS MARK DOMINO 0945 {CHB,DLF,HYF,IEF} (43000470)

LJS MS ADVANCE 0601 {DLF,HYF,IEF} (42705829)

UPS DOMINO 3027 {CHB,SOD,DLF,HYF,IEF} (42426386)

Dam: OR 3027 MISS DOMINO 318R (43472973)

OR RAM DOMET H105 (43274112)

6/3/17 WT 731

Ratio	
BW	96%
WW	76%
YW	84%
Cont	38
Feed Efficiency	
ADG	4.11
RFI	-1.99
FE Index	$14.39

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
13.1	1.1	43	73	-0.1	1.0	9.0	27	49	12.6	50	1.60	1.50	62	0.03	0.50	0.29	$18	$31

658L OR 0945 DOMINO 658L

Horned 43860462

LJS MARK DOMINO 0709 {CHB,DLF,HYF,IEF} (42810003)

Sire: LJS MARK DOMINO 0945 {CHB,DLF,HYF,IEF} (43000470)

LJS MS ADVANCE 0601 {DLF,HYF,IEF} (42705829)

UPS DOMINO 3027 {CHB,SOD,DLF,HYF,IEF} (42426386)

Dam: OR 3027 MISS DOMINO 301R (43472948)

OR 3575 MISS ADV N122 (43266019)

6/3/17 WT 812

Ratio

BW 100%

WW 92%

YW 93%

Cont 38

Feed Efficiency

ADG 4.31

RFI 2.11

FE Index -$12.21

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
13.7	1.0	38	68	0.0	1.1	8.7	26	45	12.5	48	1.50	1.50	59	0.04	0.60	0.54	$18	$29

H654 OR RAM DOM H654

Horned 43860154

CJH L1 DOMINO 552 {SOD,DLF,HYF,IEF} (19538523)

Sire: CSU RAM DOMINATOR 4203 {SOD,DLF,HYF,IEF} (42531422)

CSU MISS JET DOMINO 2205 (42261578)

OR 3575 HUSKER N151 ET {CHB,DLF,HYF,IEF} (43268575)

Dam: OR N151 MISS HUSKER S427 (43640179)

OR 5216 MISS DOMINO R005 (43173352)

6/3/17 WT 900

Ratio

BW 98%

WW 117%

YW 107%

Cont 38

Feed Efficiency

ADG 4.37

RFI -0.71

FE Index $3.69

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
11.6	-0.1	42	63	0.1	0.7	11.0	26	47	4.3	40	1.20	1.30	49	0.02	0.30	0.23	$18	$23

668F OR Z18 FAMOUS 668F

Scurred 43860116

SHF PROGRESS P20 {SOD,DLF,HYF,IEF} (P42481042)

Sire: SHF MASTER PIECE P20 Z18 {CHB,DLF,HYF,IEF} (P43275434)

SHF MAGGIE M326 X39 ET {DLF,HYF,IEF} (P43078260)

CSU RAM DOMINATOR 4203 {SOD,DLF,HYF,IEF} (42531422)

Dam: OR RAM DOMET H407 (43635817)

OR 3027 MISS DOMINO 213R (43374235)

6/3/17 WT 869

Ratio

BW 91%

WW 103%

YW 105%

Cont 38

Feed Efficiency

ADG 4.52

RFI 0.01

FE Index $2.47

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
7.5	-0.5	44	68	0.0	1.7	15.2	25	47	0.8	51	1.20	1.30	47	-0.05	0.24	0.36	$23	$24

G678 678 (U43860137)

Polled 1/2 Red Angus

SCHULER OMYGOODNESS 2121Z

Sire: SCHULER GOOD TIME B009

SOR BRASKA REBEL Z456

DS 1045 ADVANCE 3575N {CHB,DLF,HYF,IEF} (42394633)

Dam: OR 3575 MISS ADVANCE N203 (43373909)

OR 5216 MISS DOMINO R905 (43068236)

6/3/17 WT 1048

Ratio

BW 110%

WW 122%

YW 122%

Cont 38

Feed Efficiency

ADG 5.16

RFI -2.79

FE Index $24.20

CED	BW	WW	YW	DMI	SC	SCF	MK	M&G	CEM	MCW	UDD	TEAT	CW	FT	REA	MARB	BMI	CHB
0.0	0.0	0	0	0.0	0.0	0.0	0	0	0.0	0	0.00	0.00	0	0.00	0.00	0.00	$0	$0

Bull Sale

Saturday, January 27, 2018

12:30 PM

OLSEN RANCHES,INC.

ARTHUR OLSEN
(308) 631-3104

DOUGLAS OLSEN
(308) 641-1273

2016 Born Bulls

ID	Dam	Calv. Ease Direct	Birth Wt	Wean Wt	Year Wt	DMI	Scrotal Circ.	SCF	Milk	Milk & Growth	Calv. Ease Mat.	Mature Cow Weight	Udder Susp	Teat Size	Carc Wt	Fat	Rib Eye Area	Marb	BMI Index ($)	CHB Index ($)	FEED EFFICIENCY TRIAL (MARCH 24, 2017 - June 4, 2017) 3-Jun Final Wt	70 Day Gain	Intake (DM) Daily (lb)	F/G	ADJ F/G	DM RFI (lb)	RG	FE Index
690Z	003R	14.5	-0.6	42	73	0.3	0.9	18.5	33	54	9.2	57	1.2	1.3	59	0.05	0.45	0.38	$27	$26	930	5.11	23.9	4.67	4.24	0.58	0.01	5.72
653J	H310	8.6	2.1	55	88	-0.1	1.0	16.0	18	46	3.2	96	1.2	1.1	61	0.04	0.29	0.07	$25	$29	905	4.98	20.6	4.14	3.81	-2.15	0.65	22.30
N651	H702	4.1	3.2	42	77	0.0	1.1	9.2	13	34	1.2	79	1.3	1.4	71	0.06	0.64	0.62	$20	$34	915	5.13	21.5	4.19	3.86	-1.70	0.58	21.27
N660	006R	10.7	1.5	49	74	0.1	1.3	13.1	21	45	5.5	69	1.3	1.4	76	0.06	0.81	0.62	$25	$34	845	4.18	21.8	5.21	5.01	1.64	-0.46	-12.52
655G	410B	11.1	-0.8	54	90	0.3	1.1	16.1	25	52	7.3	83	1.6	1.5	65	0.08	0.32	0.39	$25	$28	883	3.93	20.9	5.31	4.90	0.96	-0.47	-13.04
675G	106Z	3.7	3.4	57	93	0.1	1.5	16.7	26	55	3.7	88	1.4	1.4	71	0.02	0.40	0.25	$27	$33	965	4.57	21.0	4.59	3.98	-1.39	0.19	9.20
S666	906FA	13.6	-0.5	42	75	-0.3	1.2	13.8	21	42	7.5	65	1.2	1.3	73	0.08	0.30	0.84	$26	$36	821	4.75	20.1	4.23	4.28	-1.03	0.48	14.82
S665	H426	5.3	3.0	48	86	-0.2	1.9	11.4	21	45	2.1	81	1.1	1.2	69	0.09	0.65	0.40	$22	$33	906	4.80	21.4	4.46	4.08	-0.94	0.28	11.52
L689	305B	11.9	-0.7	53	93	0.2	1.6	15.5	25	51	7.5	85	1.4	1.4	69	0.12	0.48	0.62	$26	$31	836	4.37	18.8	4.29	4.19	-1.70	0.44	12.68
L691	902F	7.4	1.4	48	75	0.2	1.1	13.6	24	48	3.8	69	1.1	1.2	65	0.09	0.34	0.85	$24	$28	859	4.09	21.1	5.16	4.88	1.01	-0.37	-10.29
L688	308T	11.4	-0.4	44	72	0.2	1.3	12.8	20	42	6.2	66	1.2	1.2	70	0.11	0.49	0.54	$23	$29	789	4.75	22.0	4.64	4.86	1.25	0.01	1.06
L685	202K	14.8	-1.7	49	78	0.2	1.2	16.6	24	48	6.5	49	1.4	1.5	70	0.11	0.54	0.62	$27	$30	833	4.65	21.6	4.65	4.60	0.52	0.03	2.39
S674	J815	9.1	0.9	50	81	0.1	0.9	12.4	18	42	5.3	90	1.2	1.2	71	0.06	0.57	0.40	$23	$32	814	4.96	22.7	4.58	4.71	1.18	0.06	3.89
C662	S424	9.2	1.4	44	74	0.3	1.2	13.6	26	48	4.8	43	1.3	1.2	56	0.06	0.20	0.30	$21	$23	889	4.51	21.9	4.85	4.49	0.45	-0.13	-1.21
659A	E425	7.0	1.3	40	71	0.0	1.5	16.2	21	41	1.9	74	1.4	1.5	54	0.04	0.20	0.38	$25	$26	834	4.80	21.8	4.54	4.51	0.32	0.14	6.04
661A	B408	6.3	2.1	52	89	0.1	1.6	16.7	21	47	1.6	81	1.5	1.6	47	-0.03	0.16	0.03	$24	$24	862	4.33	21.8	5.02	4.74	1.02	-0.29	-6.86
663A	S419	5.0	1.3	58	90	0.2	1.7	15.0	20	50	2.2	99	1.3	1.4	50	0.03	0.31	0.17	$23	$23	907	4.62	23.1	5.00	4.51	1.08	-0.29	-4.71
667Z	H703	9.0	-0.6	44	70	-0.1	1.3	15.8	20	42	5.2	89	1.3	1.5	63	0.01	0.56	0.27	$26	$31	820	4.41	19.4	4.40	4.39	-0.96	0.32	9.04
681G	409B	10.1	-0.8	49	84	0.0	1.4	14.9	26	50	5.0	73	1.2	1.3	64	0.05	0.27	0.44	$25	$31	958	4.60	24.3	5.29	4.56	1.83	-0.58	-11.63
657L	318R	13.1	1.1	43	73	-0.1	1.0	9.0	27	49	12.6	50	1.6	1.5	62	0.03	0.50	0.29	$18	$31	731	4.11	16.6	4.05	4.43	-1.99	0.62	14.39
658L	301R	13.7	1.0	38	68	0.0	1.1	8.7	26	45	12.5	48	1.5	1.5	59	0.04	0.60	0.54	$18	$29	812	4.31	22.1	5.13	5.16	2.11	-0.43	-12.21
H654	S427	11.6	-0.1	42	63	0.1	0.7	11.0	26	47	4.3	40	1.2	1.3	49	0.02	0.30	0.23	$18	$23	900	4.37	20.6	4.70	4.28	-0.71	0.06	3.69
668F	H407	7.5	-0.5	44	68	0.0	1.7	15.2	25	47	0.8	51	1.2	1.3	47	-0.05	0.24	0.36	$23	$24	869	4.52	21.3	4.70	4.44	0.01	0.02	2.47
G678	N203																				1048	5.16	22.0	4.26	3.46	-2.79	0.58	24.20
Olsen Sale Bull av		9.5	0.7	47	78	0.1	1.3	14.0	23	47	5.2	71	1.31	1.35	63	0.05	0.42	0.42	$24	$29	881	4.63	21.6	4.68	4.41	-0.02	0.05	$3.89
Breed Avg. EPDs		1.6	3.1	50	81	0.1	0.9	13.7	23	48	1.7	88	1.18	1.18	63	0.01	0.35	0.10	$22	$28								

F/G pounds of feed required for one pound of live weight gain
Lower is more desirable.

ADJ F/G F/G adjusted for an animal's body weight
Lower is more desirable.

RFI The difference between an animal's actual feed intake and the predicted intake based on the size and growth during the test. Lower is more desirable.

RG The difference between an animal's actual weight gain and the predicted gain based on intake and body weight. Higher is more desirable.

FE Index An Index to combine value of gain and cost of intake. Higher is more desirable.