SOUTHWEST REGION SMALL COW/CALF BUDGET 2018

	BREED HERD SIZE CULL RATE	72 15%	COW to BULL	15	CALF CROP PERCENT ¹ REPLACEMENT HEIFER'S KEPT	8 5	
	VALUE OF PRODUCTION				VALUE PER COW		
ANIMALS SOLD		QUANTITY	WEIGHT	PRICE ²	VALUE	VALUE I EN OC	NEW VALUE
STEER CALVES		31	500	\$1.50	\$22,950	\$318.75	
HEIFER CALVES		20	475	\$1.45	\$13,637	\$189.41	
CULL COWS		11	900	\$0.50	\$4,860	\$67.50	
CULL BULLS		<u>1</u> 62	1200	\$0.62	<u>\$744</u>	<u>\$10.33</u>	
	TOTAL	02			\$42,191	\$585.99	
VARIABLE COSTS							
1 FEED COCTS		LIMITO	OLIANITITY/DEDCENT	DDICE		VALUE PER CO	
1. FEED COSTS	НАҮ	<u>units</u> Ton	<u>QUANTITY/PERCENT</u> 5.00	PRICE \$160	<u>COST</u> \$800	\$11.11	NEW VALUE
	STATE	AUY	25.0%	\$38.04	\$685	\$9.51	
	FEDERAL LEASE	AUY	65.0%	\$20.88	\$1,503	\$20.88	-
	PRIVATE(Owned)	AUY	20.0%	\$0.00	\$0	\$0.00	
	PRIVATE(Leased Grazing)	AUY	0.0%	\$0.00	\$0	\$0.00	
	SALT & MINERAL	TON	3	\$690	\$1,813	\$25.19	
	PROTEIN SUPP	TON	6	\$340	\$2,081	\$28.90	
	TOTAL				\$6,882	\$95.59	
					*****	*****	
2. OTHER VARIABLE COSTS					COST		
	VET AND MEDICINE				\$993	\$13.79	
	LIVESTOCK HAULING				\$288	\$4.01	
	HIRED LABOR				\$500	\$6.94	
	OPERATING COSTS-EQUIP &	MACH			\$1,250	\$17.36	
	OPERATING COSTS-VEHICLE				\$1,500	\$20.83	
	RANCH MAINTENANCE				\$1,250	\$17.36	
	BEEF CHECKOFF LIVESTOCK PURCHASES				\$50 \$3,000	\$0.70 <u>\$41.67</u>	
	LIVESTOCKT GROTIAGES				<u>\$5,000</u>	ψ+1.07	-
	TOTAL				\$8,832	\$122.66	
3. INTEREST ON VARIABLE C	OSTS SUM OF VARIABLE COSTS X I X INTEREST RATE PER MONT ANNUAL INTEREST RATE NUMBER OF MONTHS BORRO	Н	ROWED		6.5% 6	VALUE PER CO	υW
					↑ Γ11	¢7.00	
					\$511 \$16,225	\$7.09 \$225.34	
	TOTAL				\$25,967	\$360.65	
OWNERSHIP COSTS					¥25/707	4000.00	-
Juliania Godie	Annual Capital Recovery (At F	Replacement V	alve):		Represents 65% Asset Ownership ⁵	VALUE PER CO	W NEW VALUE
CASH COSTS		•					
Taxes & Insurance					\$4,756 \$1,000	\$66.05	
Overhead					\$1,000	\$13.89	_
Total					\$5,756	\$79.94	
NON CASH COSTS						·	
Purchased Livestock					\$3,118	\$43.31	
Machinery & Equipment	•				\$4,756 \$0.544	\$66.05 \$122.56	
Housing & Improvement					\$9,544	\$132.56	
Interest on Retained Live	estock* n Labor (6% of gross returns)				\$4,599 \$2,531	\$63.87 \$35.16	
Total	in Labor (0 % or gross returns)				\$24,549	\$340.95	_
TOTAL FIXED COSTS					\$30,304	\$420.89	
TOTAL CASH AND VARIABLE (COSTS				\$21,980	\$305.28	
TOTAL CAST AND VARIABLE V					\$46,529	\$646.24	
RETURN ABOVE TOTAL CASH	COSTS				\$20,211	\$280.71	
RETURN ABOVE TOTAL COST					(\$4,338)	(\$60.25)	
BREAKEVEN CALCULATIONS	<u>-</u>				(#7,000)	(#30.23)	
	Γ	VARIABLE	TOTAL				
	L	COSTS	COSTS				
REQUIRED AVERAGE C	ALF PRICES CASH COST (cwt)	\$54.38	\$73.67				
REQUIRED AVERAGE CAI	LF PRICES TOTAL COSTS(cwt)	\$54.38	\$155.95				
Calf crop is defined as the actu	ual number of calves sold divided, b	v the total num	her of cows (assuming, all cows	were exposed)			

¹⁾ Calf crop is defined as the actual number of calves sold divided, by the total number of cows (assuming all cows were exposed).
2) Prices represent 2018 price projections from Cattle Fax, Doanes reports for New Mexico feeder cattle cash prices.

³⁾ Market prices include commissions, brand inspections, beef council, yardage, feed, and insurance

⁴⁾ Annual capital recovery is the method of calculating depreciation and interest recommended by the National Task Force on Commodity Costs and Returns Measurement Methods.

⁵⁾ The 35% reduction in asset values which represent a mix of new and used machinery.

⁶⁾ Interest on average investment.