NORTHEAST REGION
EX-LARGE COW/CALF BUDGET 2024

BREED HERD SIZE	523	COW to BULL	20	CALF CROP PERCENT[1]	87%
CULL RATE	15%			REPLACEMENT HEIFER'S KEPT	78

VALUE OF PRODUCTION

	QUANTITY	WEIGHT	PRICE[2,3]	VALUE	VALUE PER COW	NEW VALUE
STEER CALVES	227	550	$2.65	$331,272	$634.01	
HEIFER CALVES	149	515	$2.44	$187,123	$358.13	
CULL COWS	98	1000	$1.32	$129,855	$248.53	
CULL BULLS	1	1200	$1.53	$1,836	$3.51	
FEE HUNTING	1			$12,000	$22.97	
TOTAL	476			$662,086	$1,267.15	

VARIABLE COSTS

1. FEED COSTS

	UNITS	QUANTITY/PERCENT	PRICE	COST	VALUE PER COW	NEW VALUE
HAY	TON	104.50	$203	$21,214	$40.60	
STATE	AUY	30.0%	$29.10	$4,561	$8.73	
FEDERAL LEASE	AUY	7.0%	$16.20	$8,465	$16.20	
PRIVATE(Owned)	AUY	55.0%	$0.00	$0	$0.00	
PRIVATE(Leased Grazing)	AUY	0.0%	$0.00	$0	$0.00	
SALT & MINERAL	TON	19	$710	$13,541	$25.92	
PROTEIN SUPP	TON	98	$515	$50,454	$96.56	
OTHER		0.00	$0	$0	$0.00	
TOTAL				$98,234	$188.01	

2. OTHER VARIABLE COSTS

	COST	VALUE PER COW	NEW VALUE
VET AND MEDICINE	$7,576	$14.50	
LIVESTOCK HAULING	$2,259	$4.32	
HIRED LABOR	$32,000	$61.24	
OPERATING COSTS-EQUIP & MACH	$5,500	$10.53	
OPERATING COSTS-VEHICLE	$14,000	$26.79	
RANCH MAINTENANCE	$15,000	$28.71	
MARKETING COSTS[7]	$13,002	$24.88	
LIVESTOCK PURCHASES	$16,000	$30.62	
TOTAL	$105,337	$201.60	

3. INTEREST ON VARIABLE COSTS

SUM OF VARIABLE COSTS X MONTHS BORROWED		
X INTEREST RATE PER MONTH		
ANNUAL INTEREST RATE	7.15%	
NUMBER OF MONTHS BORROWED	6	VALUE PER COW
	$7,278	$13.93
	$210,849	$403.54
TOTAL	$451,237	$863.61

OWNERSHIP COSTS

Annual Capital Recovery[4] (At Replacement Valve):	Represents 65% Asset Ownership[5]	VALUE PER COW	NEW VALUE
CASH COSTS			
Taxes & Insurance	$15,803	$30.25	
Overhead	$5,000	$9.57	
Total	$20,803	$39.82	
NON CASH COSTS			
Purchased Livestock	$24,810	$47.48	
Machinery & Equipment	$15,803	$30.25	
Housing & Improvements	$128,868	$246.64	
Interest on Retained Livestock[6]	$32,471	$62.15	
Management & Operation Labor (6% of gross returns)	$27,074	$51.82	
Total	$229,027	$438.33	
TOTAL FIXED COSTS	$249,831	$478.14	
TOTAL CASH AND VARIABLE COSTS	$231,652	$443.35	
TOTAL COSTS	$460,679	$881.68	
RETURN ABOVE TOTAL CASH COSTS	$430,434	$823.80	
RETURN ABOVE TOTAL COSTS	$201,407	$385.47	

BREAKEVEN CALCULATIONS

	VARIABLE COSTS	TOTAL COSTS
REQUIRED AVG. CALF PRICES CASH COST (cwt)	$87.11	$95.70
REQUIRED AVG. CALF PRICES TOTAL COSTS(cwt)	$87.11	$190.32

NORTHEAST REGION
EXTRA-LARGE RANCH INVESTMENTS

Number	Land Values	Price Per Unit	10 Yr Avg Rate of Return	Purchase Price	Salvage/Cull Value	Useful Life	Livestock Share	Annual Capital Recovery
15,000	Acres of private land	$600	5.8%	$9,000,000	$9,000,000			
500	AU Values[1]	$2,500	5.8%	$1,250,000	$1,250,000			
			Sub Totals	$10,250,000				
Number	**Buildings, Improvements**	**Price Per Unit**						
16	Miles of pipeline	$4,000	5.8%	$64,000	$6,400	25	100	$4,767
10	Wells	$20,000	5.8%	$200,000	$20,000	25	100	$14,898
95	Miles of Fence	$15,000	5.8%	$1,425,000	$142,500	25	100	$106,149
2	Corrals/Working Facilities	$12,000	5.8%	$24,000	$2,400	30	100	$1,665
1	Barns & Shop	$20,000	5.8%	$20,000	$2,000	30	100	$1,388
			Sub Totals	$1,733,000				$128,868
Number	**Machinery & Vehicles**	**Price Per Unit**	Interest Rate[3]	Price	Salvage/Cull			
2	3/4 ton pickup 4WD	$45,000	4.5%	$90,000	$18,000	7	50	$6,514
1	1 ton pickup 4WD	$45,000	4.5%	$45,000	$9,000	7	50	$3,257
1	Tractor	$7,000	4.5%	$7,000	$1,400	7	100	$1,013
3	Gooseneck trailer	$7,500	4.5%	$22,500	$4,500	7	100	$3,257
1	Horse tack	$6,000	4.5%	$6,000	$1,200	10	100	$661
1	Misc. equipment	$10,000	4.5%	$10,000	$2,000	10	100	$1,101
			Sub Total	$180,500				$15,803
Head	**Purchased Livestock**	**Price Per Unit**	Interest Rate[3]	Price	Salvage/Cull			
13	Horses	$4,000	4.5%	$52,000	$19,760	10	100	$4,964
26	Bulls	$4,000	4.5%	$104,500	$39,710	4	100	$19,847
			Sub Total	$156,500				$24,810
Head	**Retained Livestock**	**Price Per Unit**	Interest Rate	Price	Salvage/Cull			Interest on Investment
522.5	Cows	$1,559	4.5%	$814,578	$309,539			$28,906
78	Replacement Heifers	$1,282	4.5%	$100,477	$38,181			$3,565
581	**Total AUYs**							
			Sub Total	$915,054	$347,721			$32,471
			Total	$13,235,054				$177,142

1) The interest rate of 3.9% used to calculate the capital recovery cost is the USDA-ERS's ten year average long-run rate of return to production assets for New Mexico.