



STATE OF ARIZONA LIVESTOCK LOSS BOARD

P.O. Box 74975
Phoenix, AZ 85087
(623) 236-7279

<https://live-azlivestocklossboard.pantheonsite.io/>

GOVERNOR

Katie Hobbs

BOARD MEMBERS

Charles I. Kelly, Chair
Ken Van De Graaff
Ty E. Gray
Stephen Clark
Sarahmarge Crigler
Jim F. O'Haco
Paul Brierley

September 15, 2023

A public meeting of the Arizona Livestock Loss Board will be held on September 19, 2023 at 1:30 pm through the use of technological means. Members of the public may listen to the meeting by calling 404-397-1516 Access code: 280-046-234###. Members of the public who listen by phone should keep their phones on mute. Members of the Board will attend by telephone conference call. Unless expressly provided otherwise with any matter, the Board may discuss and may vote to take action on the following matters:

Meeting begins at 1:30 pm

- 1) Call to Order, welcome and introductions.
- 2) Roll Call.
- 3) Call to the Public.
- 4) Budget review.
- 5) The Board may discuss and take action to approve depredation claim(s) for the loss of Arizona livestock from confirmed Mexican wolf depredations(s).
- 6) Executive Session (The Board will not vote to take any action during the Executive Session). The Board may vote to meet in the Executive Session in accordance with A.R.S. 38-431.03(A)(3) for the purpose of discussing and consulting with legal counsel for legal advice.
- 7) Adjournment.

The agenda may be revised prior to the meeting as authorized by A.R. S. § 38.431.02. In that event, an addendum to the agenda will be noticed and posted prior to the meeting. Agenda items not noticed for a specific time may be taken out of order. Persons with a disability may request a reasonable accommodation, such as a sign language interpreter, or this document in an alternative form, by contacting 5000 West Carefree Highway, Phoenix, AZ 85086, 623-236-7281. Requests should be made as early as possible to allow time to arrange the accommodation.

ITEM #4

WOLF-LIVESTOCK GRANT STATUS & APPLICANT PAYMENTS (approved through ALLB or Wolf Livestock Council) 2018 - 2023

GRANT AWARD			APPLICANT PAYMENTS					GRANT STATUS				
GRANT CYCLE applicatio n year	GRANT AWARD #	GRANT AWARD AMOUNT	GRANT TYPE	2018 APPROVED PAYMENTS (excludes NFWF fees)	2019 APPROVED PAYMENTS (excludes NFWF fees)	2020 APPROVED PAYMENTS (excludes NFWF fees)	2021 APPROVED PAYMENTS (excludes NFWF fees)	2022 APPROVED PAYMENTS (excludes NFWF fees)	2023 APPROVED PAYMENTS (excludes NFWF fees)	AVAILABLE BALANCE (net 5% NFWF fees)	GRANT PERIOD	FUNDING STATUS
2014	F15AP00065	\$40,000.00	Depredation Compensation	\$16,131.70						\$0.00	CLOSED	expended
2015	F16AP00061	\$40,000.00	Depredation Compensation							\$0.00	CLOSED	expended
2016	F17AP00127	\$80,000.00	Depredation Compensation	\$1,717.83	\$53,806.64					\$0.00	CLOSED	expended
2017	F18AP00822	\$73,330.00	Depredation Compensation		\$45,505.73	\$24,157.77				\$0.00	CLOSED	expended
2018	F19AP00900	\$80,000.00	Depredation Compensation			\$44,148.33	\$34,037.99			\$0.00	CLOSED	expended
2019	F20AP10340	\$120,000.00	Depredation Compensation				\$63,978.33	\$50,021.37		\$0.00	CLOSED	expended
2021	F21AP03578	\$120,000.00	Depredation Compensation					\$89,992.83	\$24,007.17	\$0.00	1/1/2022 to 12/31/2023	expended
2022	F23AP00915	\$115,500.00	Depredation Compensation						\$14,991.11	\$94,733.89	1/1/2023 to 12/31/2024	active
2023	F23AP03326	\$150,000.00	Depredation Compensation							\$142,500.00	11/1/2023 to 12/31/2024	recent award
DEPREDATION COMPENSATION subtotal				\$17,849.53	\$99,372.37	\$68,306.10	\$98,016.32	\$140,014.20	\$38,998.28	\$237,233.89		
2016	F17AP00128	\$120,000.00	Conflict Prevention		\$114,000.00					\$0.00	CLOSED	expended
2017	F18AP00227	\$100,000.00	Conflict Prevention		\$42,043.80	\$52,956.20				\$0.00	CLOSED	expended
2018	F19AP00867	\$50,000.00	Conflict Prevention			\$37,044.00	\$12,956.00			\$0.00	CLOSED	expended
2019	F20AP10946	\$150,000.00	Conflict Prevention				\$81,544.00	\$61,558.20		\$0.00	CLOSED	expended
2021	F21AP03586	\$150,000.00	Conflict Prevention					\$17,389.03	\$125,907.97	\$0.00	1/1/2022 to 12/31/2023	expended
2022	F23AP00923	\$83,242.00	Conflict Prevention						\$14,792.03	\$64,287.87	1/1/2023 to 12/31/2024	active
2023	F23AP03326	\$120,000.00	Conflict Prevention							\$114,000.00	11/1/2023 to 12/31/2025	recent award
CONFLICT PREVENTION subtotal				\$0.00	\$156,043.80	\$90,000.20	\$94,500.00	\$77,500.00	\$140,700.00	\$178,287.87		
GRAND TOTAL - ALL GRANTS				\$265,856.17	\$158,808.30	\$192,518.32	\$217,514.20	\$179,698.28	\$415,521.76			

*2023 Conflict grant approved payment total includes \$40,000 transferred to IFT for Range Rider.

ALLB DEPRECIATION PAYMENT ACTIVITY				GRANT EXPENDITURES	
ALLB meeting date	Approved pmt total	No. approved applicants	Average payment	Cumulative draw	Average meeting draw
2022					
3/23/2022	\$59,390.00	27	\$2,199.63	\$59,390.00	\$59,390.00
5/24/2022	\$31,879.03	14	\$2,277.07	\$91,269.03	\$45,634.52
6/21/2022	\$23,500.04	12	\$1,958.34	\$114,769.07	\$38,256.36
8/16/2022	\$7,991.35	4	\$1,997.84	\$122,760.42	\$30,690.11
9/20/2022	\$11,820.42	2	\$5,910.21	\$134,580.84	\$26,916.17
10/18/2022	\$3,679.69	2	\$1,839.85	\$138,260.53	\$23,043.42
11/15/2022	\$1,753.57	1	\$1,753.57	\$140,014.10	\$20,002.01
2023					
1/17/2023	\$3,507.14	2	\$1,753.57	\$3,507.14	\$3,507.14
2/21/2023	\$2,109.28	1	\$2,109.28	\$5,616.42	\$2,808.21
3/21/2023	\$6,099.57	3	\$2,033.19	\$11,715.99	\$3,905.33
4/26/2023	\$5,128.59	3	\$1,709.53	\$16,844.58	\$4,211.15
5/16/2023	\$9,419.66	5	\$1,883.93	\$26,264.24	\$5,252.85
7/18/2023	\$6,187.11	3	\$2,062.37	\$32,451.35	\$5,408.56
8/15/2023	\$6,546.93	3	\$2,182.31	\$38,998.28	\$5,571.18

ITEM #5

Arizona Livestock Loss Board
Mexican wolf Depredation Compensation Formulas

Owner: Pat Browning

Claim Number: 2204011045

Date of Investigation: 4/1/22

Formula Weekly Average

$$\begin{aligned} \text{Feeder Calf Value} &= \text{LM_XB463} = \$ 266.06 \\ &\text{LM_XB463} \times 7 \\ & \$ 266.06 \times 7 = \$1862.42 \end{aligned}$$

Categories

- Feeder Calf: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 7 = \text{Value}$
- Yearling: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 9 = \text{Value}$
- Replacement Heifer: $\text{LM_XB463}^* \text{ Comp. CV} \times 7 + \$750^{**} = \text{Value}$
- Cow: $\text{LM_XB461}^* \text{ Comp. Cutout Value} \times 8 + \$600^{**} = \text{Value}$
- Bull – documented Value

*Source - USDA National Daily Cattle and Beef Summary

Factor - 7, 8 or 9 = weight of CME feeder calf divided by 100

**UofA Study - 1 year investment on range

LM_XB463

Des Moines, IA

April 4, 2022

USDA Market News

NATIONAL COMPREHENSIVE BOXED BEEF CUTOUT - ALL FED STEER/HEIFER SALES

For Week Ending: 4/1/2022

	Compre- hensive	Prime	*Branded	Choice	Select	Ungraded
Weekly Cutout Value	266.06	291.80	268.38	264.18	254.64	240.42
Primal Rib	413.48	508.39	415.13	404.29	384.19	335.05
Primal Chuck	206.96	209.07	206.22	208.51	204.49	198.87
Primal Round	219.18	218.14	220.71	217.99	216.86	223.88
Primal Loin	362.72	430.93	371.35	358.84	333.87	296.73
Primal Brisket	246.67	247.13	249.44	242.36	234.28	222.77
Primal Short Plate	199.28	199.28	199.28	199.28	199.28	199.28
Primal Flank	155.90	156.16	157.11	156.28	153.41	151.86

TOTAL LOADS OF PRODUCT REPORTED 6,554

Quality breakdown:

Prime	256
Branded*	1,282
Choice	1,910
Select	640
Ungraded**	2,466

TOTAL 6,554

Sales type breakdown:

Negotiated 0-21	1,520
Negotiated 22/up	1,281
Formula	3,355
Forward Contract	398

TOTAL 6,554

Destination breakdown:

Domestic	5,609
NAFTA Exports	63
Overseas Exports	882

TOTAL 6,554

Delivery period breakdown:

0-21 Days	4,876
22-60 Days	996
61-90 Days	266
91 Days and Up	416

TOTAL 6,554

* Includes all Choice branded. (Upper 2/3rds and lower 1/3rd)

** Includes cuts, grinds, and trim.

USDA Livestock, Poultry & Grain Market News Division, Des Moines, IA

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1400C

DEPREDAATION REPORT FORM

RCVD

AUG 25 2023

Resource Owner:	Hopi 3 Canyon Ranches Pat Browning	Report Number: 2204011045
Mailing Address:	34 Twin Arrows Blvd Flagstaff, AZ 86004	DOHC
Phone:	(928) 671-1227	County: Apache Ranch Name: 26 Bar Ranch
SITE DESCRIPTION:		
Nearest Town:	Springerville, AZ	Allotment Name (if applicable): N/A
Approximate Location:	7 miles west of Springerville, AZ.	
Coordinates:	N: 34.23881	W: 109.40421
Elevation:	6,502	Slope %: 0% Aspect: N/A
Vegetative Cover:	Pasture	
Topography (riparian, S. slope, bench, etc.):	Flat	
General Description of Area:	Grassland	
Date Complaint Received:	4-1-2022	Date Investigated: 4-1-2022
Land Ownership:	<input type="checkbox"/> Private	<input type="checkbox"/> FS
	<input type="checkbox"/> BLM	<input checked="" type="checkbox"/> State
	<input type="checkbox"/> Tribal	<input type="checkbox"/> Other:
Type of animal:	<input type="checkbox"/> Sheep	<input type="checkbox"/> Lamb
	<input type="checkbox"/> Bull	<input type="checkbox"/> Cow
	<input checked="" type="checkbox"/> Calf	<input type="checkbox"/> Horse
	<input type="checkbox"/> Colt	<input type="checkbox"/> Dog
	<input type="checkbox"/> Other:	
Number of Selected Animal:	One	
Damage Type:	<input checked="" type="checkbox"/> Killed	<input type="checkbox"/> Injured
	<input type="checkbox"/> Harassment	<input type="checkbox"/> Stillborn
	<input type="checkbox"/> Other:	
Breed:	Angus Cross	
Ear Tag Number:	N/A	
Sex:	Unknown	
Estimated time since death or injury:	2 Days	
Estimated Age of Resource:	6 Days	
Are there other livestock in the area?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Describe (how many, behavior, composition, distance from mortality). Other cattle in the pasture seemed calm.		
EVIDENCE:		
Detection Method:	<input checked="" type="checkbox"/> Report form owner	<input type="checkbox"/> Birds
	<input type="checkbox"/> Other:	
Carnivore Tracks Present:	<input checked="" type="checkbox"/> Mexican Wolf	<input checked="" type="checkbox"/> Coyote
	<input type="checkbox"/> Mt. Lion	<input type="checkbox"/> Black Bear
	<input type="checkbox"/> Other:	
Scat Present:	<input type="checkbox"/> Mexican Wolf	<input type="checkbox"/> Coyote
	<input type="checkbox"/> Mt. Lion	<input type="checkbox"/> Black Bear
	<input type="checkbox"/> Other:	
Carnivores observed in area? Describe: No carnivores were observed in the area.		
Carcass hidden or in the open? Describe: Carcass was in the open.		
Carcass Covered?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Carcass Moved?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Drag marks present?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Collard Wolves in area?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
		If Yes, then number:
Blood on Vegetation?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
		Describe:
Apparent point of first feeding:	Abdomen	
Percentage of Carcass Remaining		
<input type="checkbox"/>	0-25%--No soft tissue, hide present, disarticulated.	
<input checked="" type="checkbox"/>	26-50%--All organs consumed, all or most of quarters consumed, partial disarticulation.	
<input type="checkbox"/>	51-75%--All organs and portions of the hind quarters consumed, front quarters and neck intact, articulated.	
<input type="checkbox"/>	76-100%--some organs consumed, most soft tissue intact, skeleton articulated.	
Describe any additional evidence that is discovered in the area: No fight scene or canine scat was located near the carcass. Canine tracks were located near the carcass.		

DEPREDATION REPORT FORM

Describe hemorrhages and corresponding marks seen while skinning the hide or other abnormalities (Location and type, e.g. claw marks on right hind leg, or canine marks on neck):			
Canine marks with corresponding hemorrhage were found on the front left shoulder.			
Canine spread (if applicable): mm	38.5mm, 39.9mm, and 39.3mm.		
Cause of Damage:			
<input checked="" type="checkbox"/> Confirmed	Carnivore (list Species):	Mexican Gray Wolf	
<input type="checkbox"/> Probable			
<input type="checkbox"/> Possible			
<input type="checkbox"/> Accident			
<input type="checkbox"/> Unknown			
<input type="checkbox"/> Other:			
ADDITIONAL INFORMATION:			
Were photos taken of the site?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Was a veterinarian involved in cause of death determination?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
If yes, is a veterinarian report attached?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
SUMMARY OF INCIDENT (including preface and actions taken):			
<p>On April 1, 2022, I was contacted about a possible wolf depredation and was able to respond. Upon investigation of the area, no fight scene or canine scat was located. Canine tracks were located near the carcass.</p> <p>When the necropsy was performed, canine marks with corresponding hemorrhage were located on the front left shoulder measuring 38.5 mm, 39.9mm, and 39.3mm. The evidence that was documented at the scene is consistent with Mexican Gray Wolf predation and the incident was confirmed.</p> <p>Photo Log:</p> <ol style="list-style-type: none"> 1. Carcass as it was located. 2. Canine mark with corresponding hemorrhage located on the front left shoulder measuring 38.5mm. 3. Canine mark with corresponding hemorrhage located on the front left shoulder measuring 39.9mm. 4. Canine mark with corresponding hemorrhage located on the front left shoulder measuring 39.3mm. 5. Canine track. 			

DEPREDATION REPORT FORM



Photo 1.

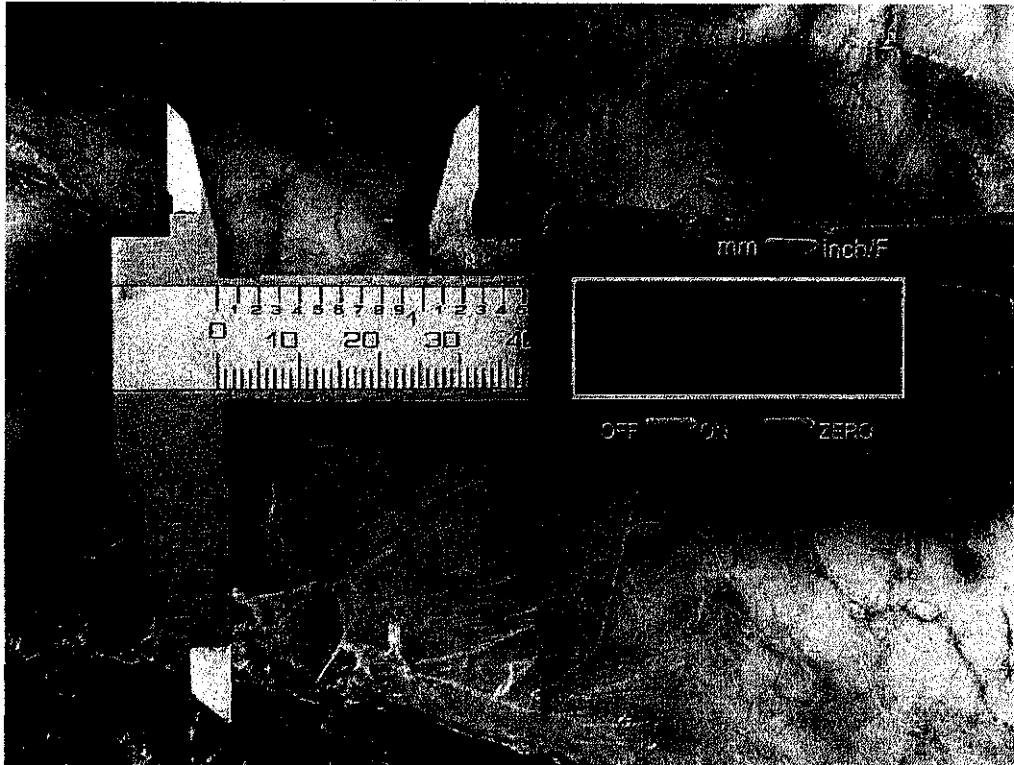


Photo 2.

DEPREDATION REPORT FORM

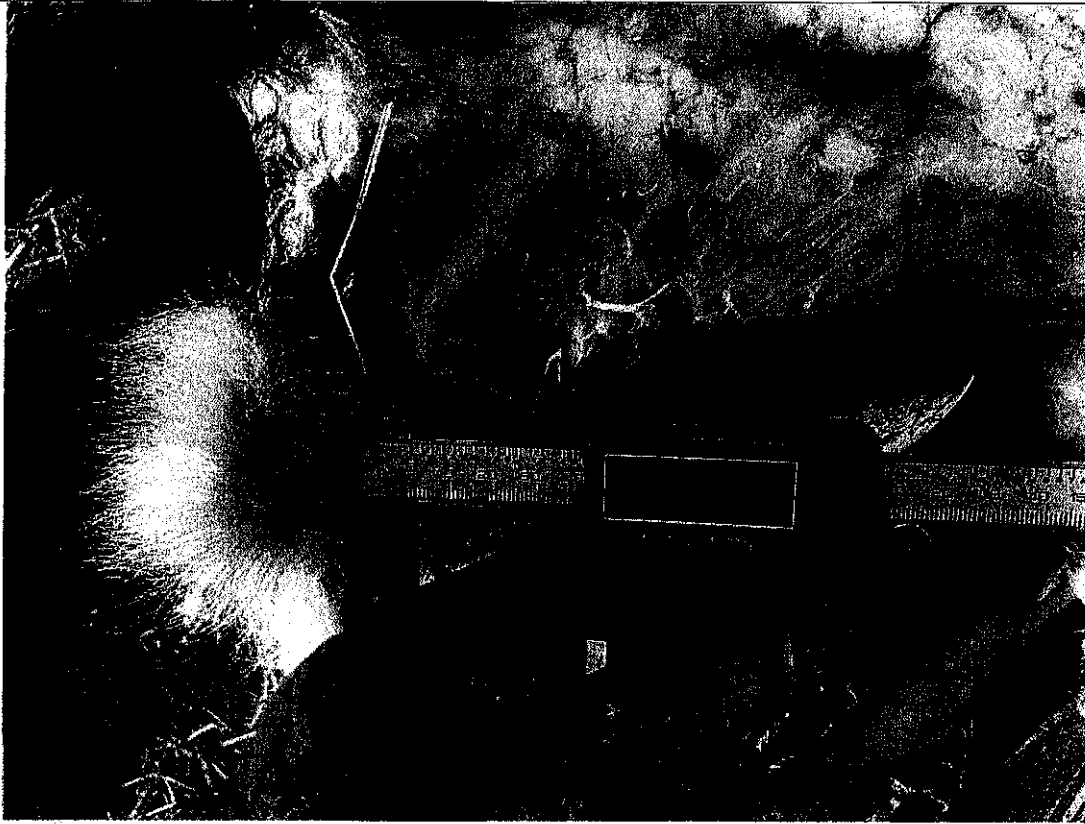


Photo 3.



Photo 4.

DEPREDATION REPORT FORM

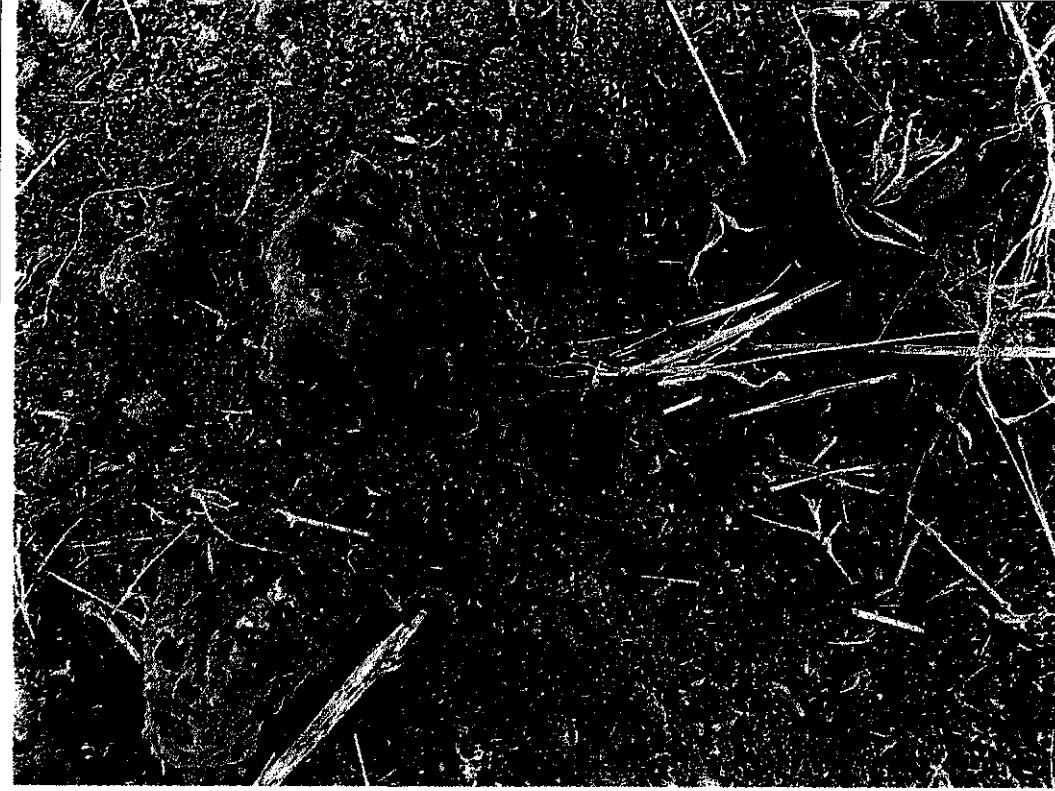


Photo 5.

Lead Investigator:

Caleb Garzanelli

Other Personnel: Sterling Simpson

Arizona Livestock Loss Board
Mexican wolf Depredation Compensation Formulas

Owner: Pat Browning

Claim Number: 2206111232

Date of Investigation: 6/11/22

Formula Weekly Average

$$\begin{aligned} \text{Feeder Calf Value} &= \text{LM_XB463} = \$ 264.14 \\ &\text{LM_XB463} \times 7 \\ & \$ 264.14 \times 7 = \$1848.98 \end{aligned}$$

Categories

- Feeder Calf: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 7 = \text{Value}$
- Yearling: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 9 = \text{Value}$
- Replacement Heifer: $\text{LM_XB463}^* \text{ Comp. CV} \times 7 + \$750^{**} = \text{Value}$
- Cow: $\text{LM_XB461}^* \text{ Comp. Cutout Value} \times 8 + \$600^{**} = \text{Value}$
- Bull – documented Value

*Source - USDA National Daily Cattle and Beef Summary

Factor - 7, 8 or 9 = weight of CME feeder calf divided by 100

**UofA Study - 1 year investment on range

LM_XB463

Des Moines, IA

June 13, 2022

USDA Market News

NATIONAL COMPREHENSIVE BOXED BEEF CUTOUT - ALL FED STEER/HEIFER SALES

For Week Ending: 6/10/2022

	Compre- hensive	Prime	*Branded	Choice	Select	Ungraded
Weekly Cutout Value	264.14	300.10	271.36	264.21	246.83	239.47
Primal Rib	403.99	532.57	416.13	402.61	345.13	323.73
Primal Chuck	212.83	213.53	214.71	213.25	210.19	208.30
Primal Round	212.58	211.63	215.01	211.09	211.37	210.81
Primal Loin	362.49	462.13	384.17	365.06	321.09	303.52
Primal Brisket	224.08	226.29	225.63	221.48	211.70	201.29
Primal Short Plate	198.92	198.92	198.92	198.92	198.92	198.92
Primal Flank	158.60	159.19	160.32	159.07	154.59	155.27

TOTAL LOADS OF PRODUCT REPORTED 6,987

Quality breakdown:

Prime	220
Branded*	1,279
Choice	2,004
Select	850
Ungraded**	2,634

TOTAL 6,987

Sales type breakdown:

Negotiated 0-21	1,713
Negotiated 22/up	1,430
Formula	3,557
Forward Contract	287

TOTAL 6,987

Destination breakdown:

Domestic	5,880
NAFTA Exports	114
Overseas Exports	993

TOTAL 6,987

Delivery period breakdown:

0-21 Days	5,272
22-60 Days	1,160
61-90 Days	306
91 Days and Up	250

TOTAL 6,987

* Includes all Choice branded. (Upper 2/3rds and lower 1/3rd)

** Includes cuts, grinds, and trim.

USDA Livestock, Poultry & Grain Market News Division, Des Moines, IA

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1400C

DEPREDAATION REPORT FORM

AUG 25 2023

Resource Owner:	Hopi 3 Canyon Ranches	Report Number: 2206111232	DOHQ
Mailing Address:	34 Twin Arrows Blvd Flagstaff, AZ 86004		
Phone:	(928) 671-1227	County:	Apache
Ranch Name:	26 Bar Ranch		
SITE DESCRIPTION:			
Nearest Town:	Greer, AZ	Allotment Name (if applicable):	Pool Knoll Allotment
Approximate Location:	7 miles southeast of Greer, AZ.		
Coordinates:	N: 33.95787	W:	109.43715
Elevation:	9,193	Slope %:	0%
Aspect:	N/A		
Vegetative Cover:	Pine Forest		
Topography (riparian, S. slope, bench, etc.):	Flat		
General Description of Area:	High mountain meadow.		
Date Complaint Received:	6-11-2022	Date Investigated:	6-11-2022
Land Ownership:	Private	<input checked="" type="checkbox"/> FS	BLM
			State
			Tribal
			Other:
Type of animal:	Sheep	Lamb	Bull
			Cow
			<input checked="" type="checkbox"/> Calf
			Horse
			Colt
			Dog
			Other:
Number of Selected Animal:	One		
Damage Type:	<input checked="" type="checkbox"/> Killed	Injured	Harassment
			Stillborn
			Other:
Breed:	Angus		
Ear Tag Number:	413		
Sex:	Male		
Estimated time since death or injury:	12 Hours		
Estimated Age of Resource:	6 Months		
Are there other livestock in the area?	<input checked="" type="checkbox"/> Yes	No	
Describe (how many, behavior, composition, distance from mortality). The mother of the calf was agitated.			
EVIDENCE:			
Detection Method:	<input checked="" type="checkbox"/> Report form owner	Birds	Other:
Carnivore Tracks Present:	Mexican Wolf	Coyote	Mt. Lion
			Black Bear
			Other:
Scat Present:	Mexican Wolf	Coyote	Mt. Lion
			Black Bear
			Other:
Carnivores observed in area? Describe: The reporting party reported seeing three Mexican Gray Wolves feeding on the carcass.			
Carcass hidden or in the open? Describe: Carcass was in the open.			
Carcass Covered?	Yes	<input checked="" type="checkbox"/> No	
Carcass Moved?	Yes	<input checked="" type="checkbox"/> No	
Drag marks present?	Yes	<input checked="" type="checkbox"/> No	
Collard Wolves in area?	<input checked="" type="checkbox"/> Yes	No	If Yes, then number: M1854
Blood on Vegetation?	Yes	<input checked="" type="checkbox"/> No	Describe:
Apparent point of first feeding:	Hind leg.		
Percentage of Carcass Remaining			
	0-25%--No soft tissue, hide present, disarticulated.		
<input checked="" type="checkbox"/>	26-50%--All organs consumed, all or most of quarters consumed, partial disarticulation.		
	51-75%--All organs and portions of the hind quarters consumed, front quarters and neck intact, articulated.		
	76-100%--some organs consumed, most soft tissue intact, skeleton articulated.		
Describe any additional evidence that is discovered in the area: No fight scene, canine scat, or canine tracks were located.			

DEPREDATION REPORT FORM

Describe hemorrhages and corresponding marks seen while skinning the hide or other abnormalities (Location and type, e.g. claw marks on right hind leg, or canine marks on neck):			
Canine marks with corresponding hemorrhage were located on the back left leg and the front right shoulder.			
Canine spread (if applicable): mm	2-39.4mm, 38.8mm, and 38.4mm.		
Cause of Damage:			
<input checked="" type="checkbox"/> Confirmed	Carnivore (list Species):	Mexican Gray Wolf	
<input type="checkbox"/> Probable			
<input type="checkbox"/> Possible			
<input type="checkbox"/> Accident			
<input type="checkbox"/> Unknown			
<input type="checkbox"/> Other:			
ADDITIONAL INFORMATION:			
Were photos taken of the site?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Was a veterinarian involved in cause of death determination?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
If yes, is a veterinarian report attached?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
SUMMARY OF INCIDENT (including preface and actions taken):			
<p>On June 11, 2022, I was contacted about a possible wolf depredation and was able to respond. Upon investigation of the area, no fight scene, canine tracks, or canine scat were located. While scanning the area with telemetry, M1854 of the Saffel pack was heard near the carcass.</p> <p>When the necropsy was performed canine marks were located on the back left leg measuring 38.8mm and 38.4mm. Canine marks with corresponding hemorrhage were also located on the front right shoulder measuring 39.4mm. The evidence that was documented at the scene is consistent with Mexican Gray Wolf predation and the incident was confirmed.</p> <p>Photo Log:</p> <ol style="list-style-type: none"> 1. Carcass as it was located 2. Canine marks with corresponding hemorrhage located on the back left leg measuring 38.8mm. 3. Canine marks with corresponding hemorrhage located on the back left leg measuring 38.4mm. 4. Canine marks with corresponding hemorrhage located on the front right shoulder measuring 39.4mm. 5. Canine marks with corresponding hemorrhage located on the front right shoulder measuring 39.4mm. 			

DEPREDATION REPORT FORM



Photo 1.

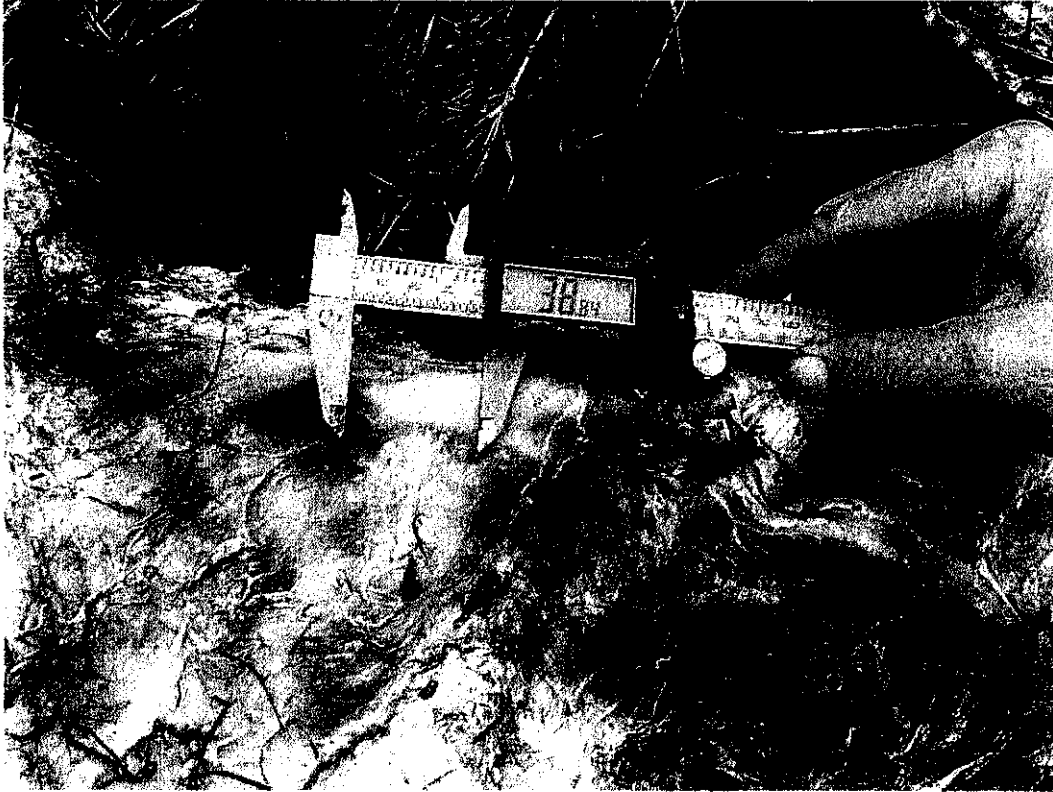


Photo 2.

DEPREDATION REPORT FORM

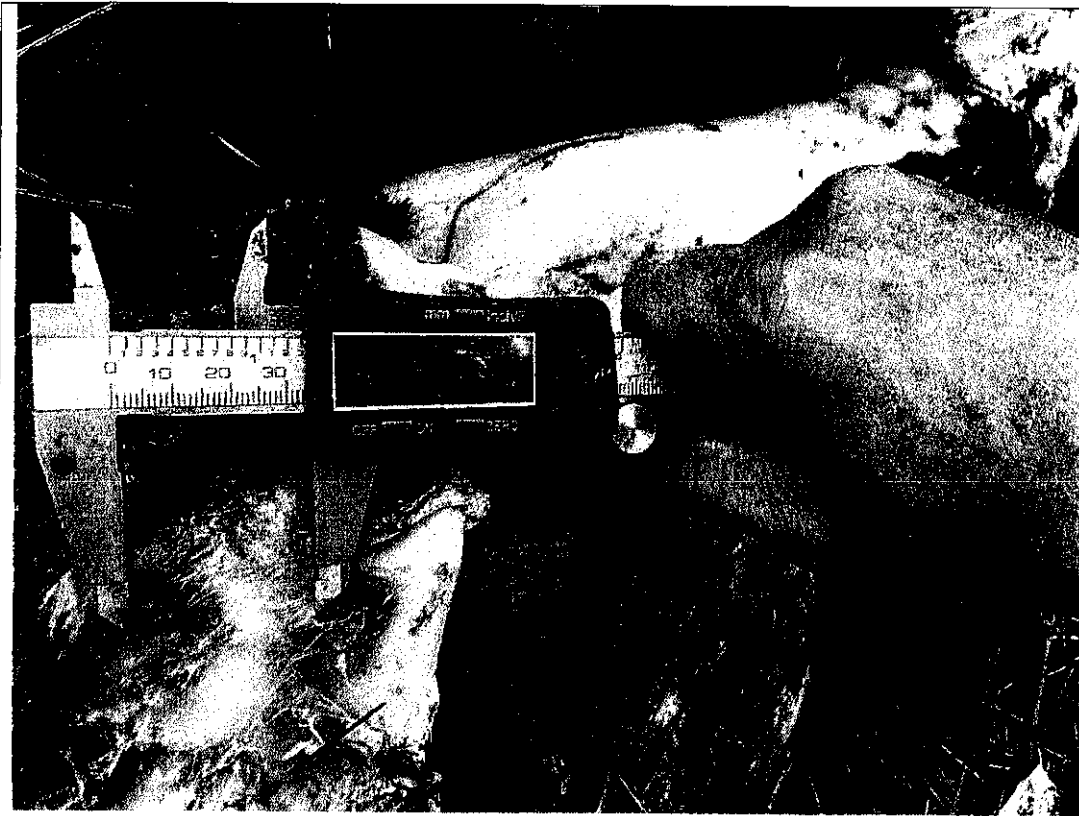


Photo 3.

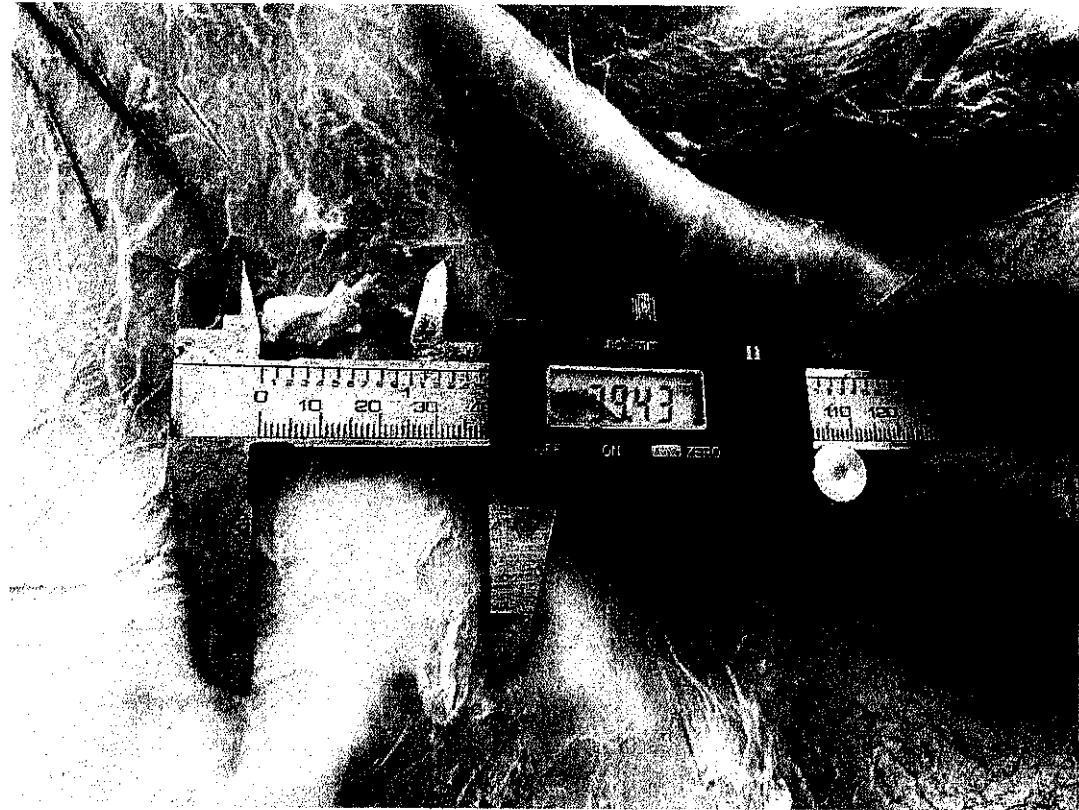


Photo 4.

DEPREDATION REPORT FORM

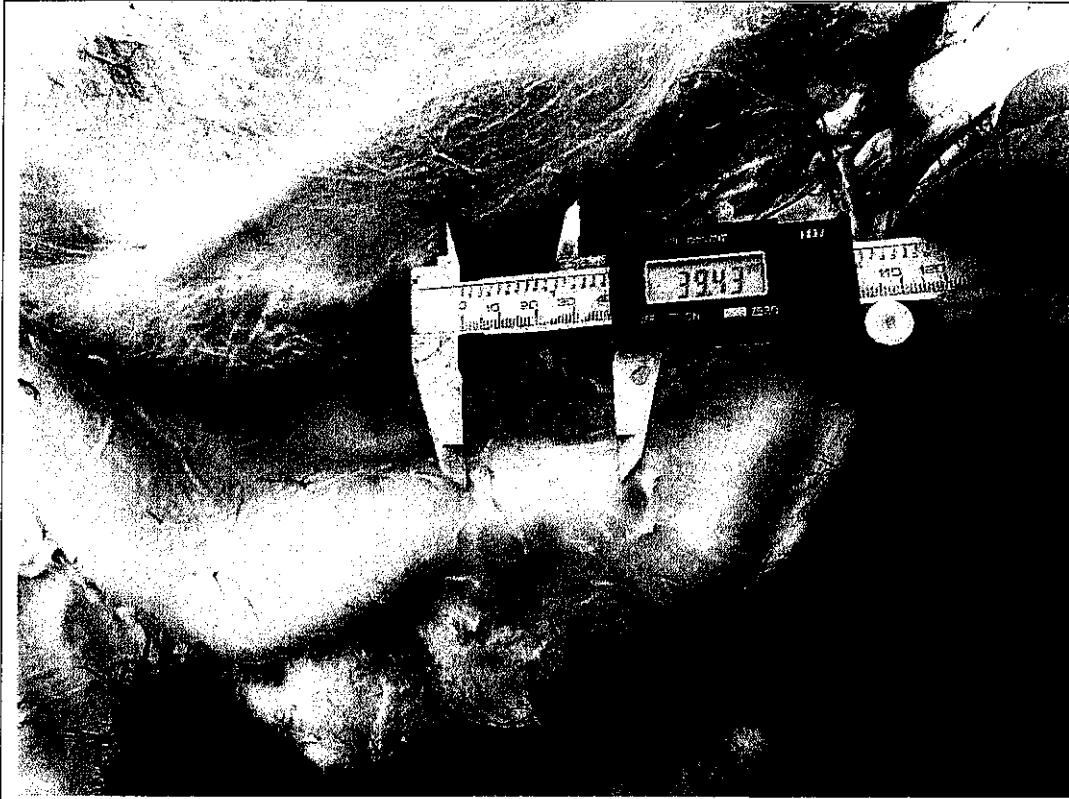


Photo 5.

Lead Investigator:

Caleb Garzanelli

Other Personnel: Sterling Simpson

Arizona Livestock Loss Board
Mexican wolf Depredation Compensation Formulas

Owner: Pat Browning

Claim Number: 2210181558

Date of Investigation: 10/18/22

Formula Weekly Average

$$\begin{aligned} \text{Feeder Calf Value} &= \text{LM_XB463} = \$ 249.24 \\ &\text{LM_XB463} \times 7 \\ & \$ 249.24 \times 7 = \$1744.68 \end{aligned}$$

Categories

- Feeder Calf: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 7 = \text{Value}$
- Yearling: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 9 = \text{Value}$
- Replacement Heifer: $\text{LM_XB463}^* \text{ Comp. CV} \times 7 + \$750^{**} = \text{Value}$
- Cow: $\text{LM_XB461}^* \text{ Comp. Cutout Value} \times 8 + \$600^{**} = \text{Value}$
- Bull – documented Value

*Source - USDA National Daily Cattle and Beef Summary

Factor - 7, 8 or 9 = weight of CME feeder calf divided by 100

**UofA Study - 1 year investment on range

LM_XB463

Des Moines, IA

October 24, 2022

USDA Market News

NATIONAL COMPREHENSIVE BOXED BEEF CUTOUT - ALL FED STEER/HEIFER SALES

For Week Ending: 10/21/2022

	Compre- hensive	Prime	*Branded	Choice	Select	Ungraded
Weekly Cutout Value	249.24	336.59	257.01	247.85	219.40	207.15
Primal Rib	424.32	744.61	432.44	411.65	311.87	279.52
Primal Chuck	199.76	203.03	207.32	202.74	189.90	185.62
Primal Round	219.42	218.82	222.85	218.69	215.29	211.85
Primal Loin	315.87	549.51	333.10	312.83	258.13	227.82
Primal Brisket	203.06	206.66	202.56	199.77	192.46	188.07
Primal Short Plate	153.85	153.85	153.85	153.85	153.85	153.85
Primal Flank	137.02	141.65	143.26	141.40	125.84	129.85

TOTAL LOADS OF PRODUCT REPORTED 7,214

Quality breakdown:

Prime	225
Branded*	1,359
Choice	2,239
Select	932
Ungraded**	2,461

TOTAL 7,214

Sales type breakdown:

Negotiated 0-21	1,873
Negotiated 22/up	1,466
Formula	3,700
Forward Contract	175

TOTAL 7,214

Destination breakdown:

Domestic	6,181
NAFTA Exports	129
Overseas Exports	905

TOTAL 7,214

Delivery period breakdown:

0-21 Days	5,552
22-60 Days	1,177
61-90 Days	319
91 Days and Up	166

TOTAL 7,214

* Includes all Choice branded. (Upper 2/3rds and lower 1/3rd)

** Includes cuts, grinds, and trim.

USDA Livestock, Poultry & Grain Market News Division, Des Moines, IA

515-284-4460 email: desm.lpgmn@ams.usda.gov

www.ams.usda.gov/market-news/livestock-poultry-grain

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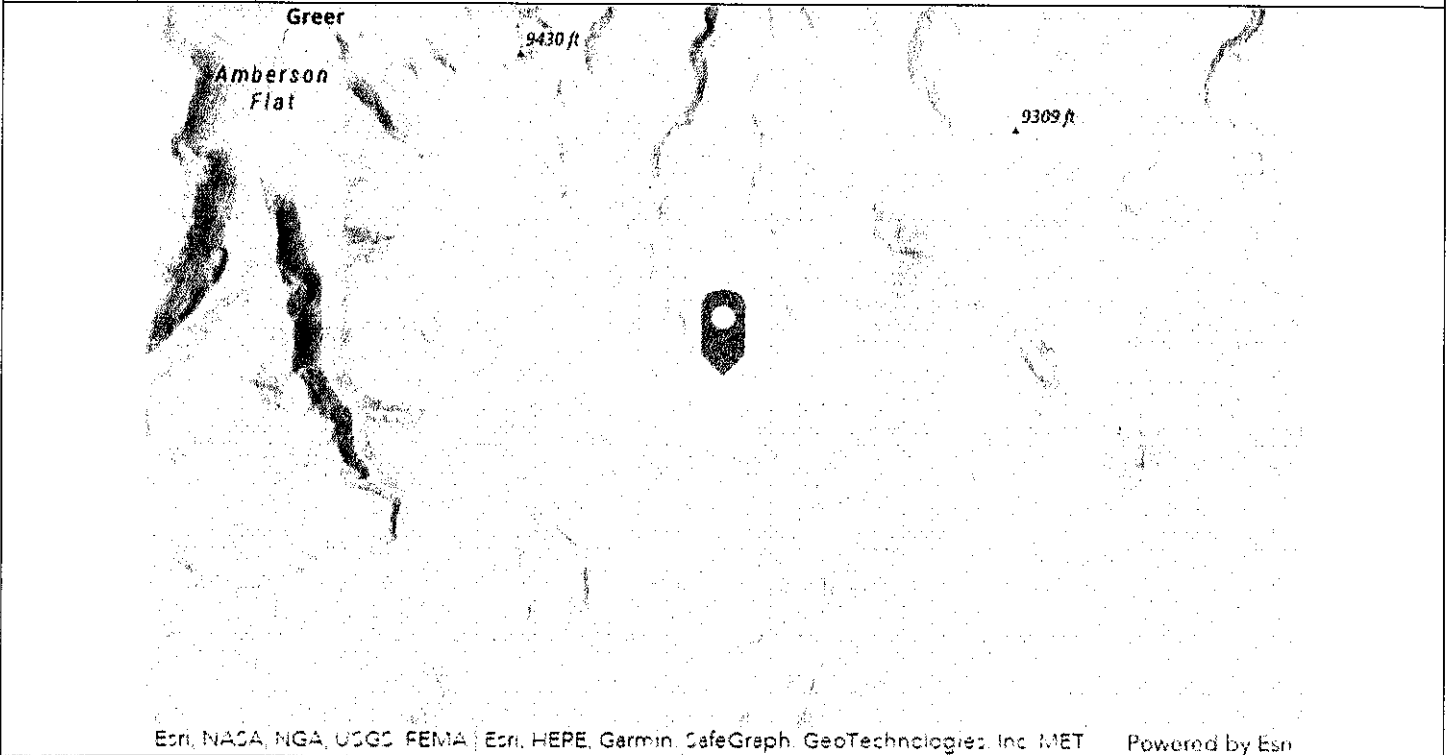
DEPREDAATION REPORT

RCVD

Lead Investigator:	Caleb Garzanelli	Other Personnel:	Sterling Simpson
Date Investigated:	October 18, 2022	Date Complaint Received:	October 18, 2022
Report Number:	2210181558	AUG 25 2023	

SITE DESCRIPTION:

Resource Owner:	Hopi 3 Canyon Ranches			DOHQ
Ranch Point of Contact:	Pat Browning			
Preferred Delivery:	Mail			
Mailing Address:	34 Twin Arrows Blvd Flagstaff, AZ 86006	Email:	N/A	
County:	Apache	Phone:	(928) 671-1227	
Land Ownership:	Forest Service	Ranch Name:	26 Bar Ranch	
Nearest Town:	Greer, AZ	Allotment Name:	26 Bar	
Approximate Location:	5 miles south of Greer, AZ.	Elevation (Feet):	9,162	
General Description of Area:	High mountain meadow.			
Location:	33.97845, -109.40218			



Disclaimer: Text at the bottom of the map references the owners of the imagery.

RESOURCE:

Resource Type:	Calf	Number of Resources:	1		
Estimated Age if Adult (years):	N/A	Estimated Age if Juvenile (months):	8		
Breed Type:	Commercial	Breed:	Angus	Sex:	Male
Evidence of Birth:	N/A	Describe Evidence of Birth:	N/A		
Estimated Time Since Death or Injury (days):	2				
Damage Type:	Killed	Ear Tag Number:	N/A		
Other Livestock in Area:	Yes	Description of Other Livestock:	Other cattle appeared calm.		

EVIDENCE:

Detection Method:	Report from Owner/Ranch Representative				
Carnivore Tracks Present:	Mexican Wolf	Scat Present:	None		
Carnivores Observed:	None				

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Describe Carnivore Observation:	N/A		
Collared Wolves in Area:	Yes	Collar Number:	AM 1854, m1852, AF1939
Wolves Reported:	Yes	Describe Wolves Reported:	The ranch representative reported seeing eight Mexican gray wolves leaving the scene. It was also reported that AF1939 was in the immediate area of the carcass on October 17, 2022.
Carcass Hidden or in the Open:	In the Open		
Carcass Covered:	No		
Carcass Moved:	No	By Whom:	N/A
Drag Marks Present:	No		
Sign of Struggle:	Yes		
Blood on Site:	No		
Describe Blood on Vegetation:	N/A		
Apparent Point of First Feeding on Carcass:	Abdomen		
Percentage of Carcass Remaining:	76-100% Some organs consumed, most soft tissue intact, articulated		

PHOTO LOG:

Photo 1: The carcass as it was located.					
Photo 2:					
Type of Evidence:	Hemorrhage Spread	Hemorrhaging?	Yes		
Location on Carcass:	Flank	Side of Carcass:	Right	Canine Spread (mm):	N/A
Comments:	N/A				
Photo 3:					
Type of Evidence:	Bite Mark	Hemorrhaging?	Yes		
Location on Carcass:	Flank	Side of Carcass:	Right	Canine Spread (mm):	40.7
Comments:	N/A				
Photo 4:					
Type of Evidence:	Hemorrhage Spread	Hemorrhaging?	Yes		
Location on Carcass:	Flank	Side of Carcass:	Right	Canine Spread (mm):	N/A
Comments:	N/A				
Photo 5:					
Type of Evidence:	Bite Mark	Hemorrhaging?	Yes		
Location on Carcass:	Flank	Side of Carcass:	Right	Canine Spread (mm):	40.0
Comments:	N/A				
Photo 6:					
Type of Evidence:	Hemorrhage Spread	Hemorrhaging?	Yes		
Location on Carcass:	Armpit	Side of Carcass:	Right	Canine Spread (mm):	N/A
Comments:	N/A				
Photo 7:					
Type of Evidence:	Bite Mark	Hemorrhaging?	Yes		
Location on Carcass:	Armpit	Side of Carcass:	Right	Canine Spread (mm):	40.0
Comments:	N/A				
Photo 8:					
Type of Evidence:	Fight Scene	Hemorrhaging?	N/A		
Location on Carcass:	N/A	Side of Carcass:	N/A	Canine Spread (mm):	N/A
Comments:	N/A				

CONCLUSION:

Species Causing Damage:	Mexican Wolf	Other Species:	N/A
Cause of Damage:	Confirmed Predation		
Final Review By:	WRO	Final Determination Made By:	

Describe Any Additional Evidence: N/A

Was a Veterinarian Involved in Cause of Death Determination: No

Is Veterinarian Report Attached: N/A

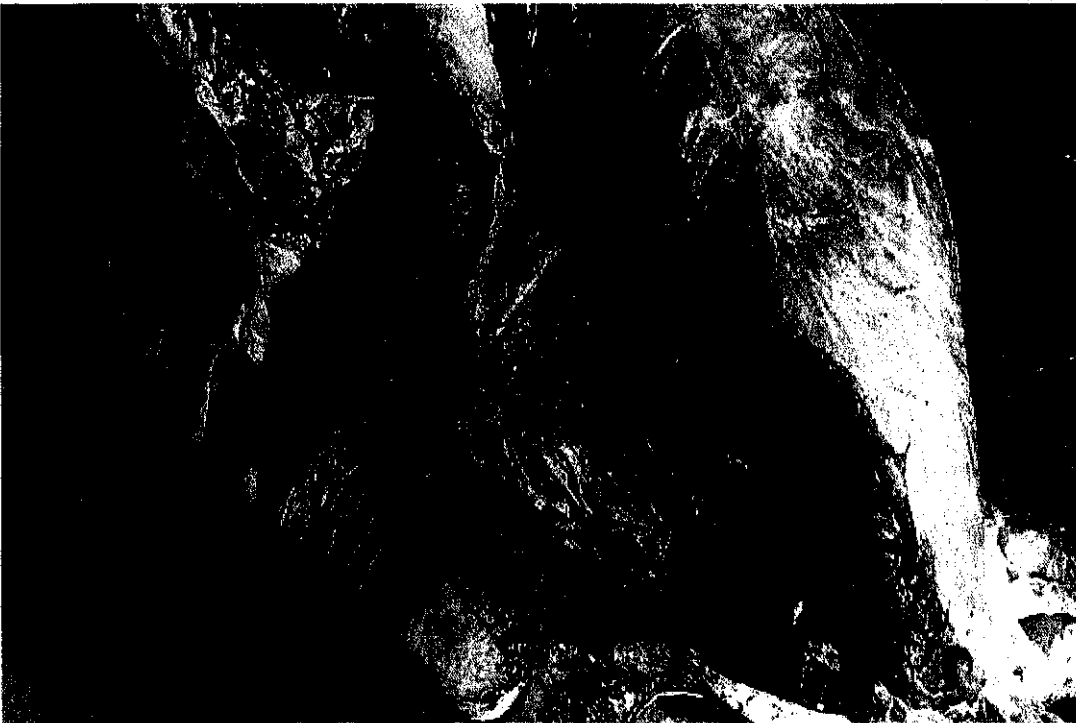
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PHOTOS:

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photo_2-20221018-230624.jpg

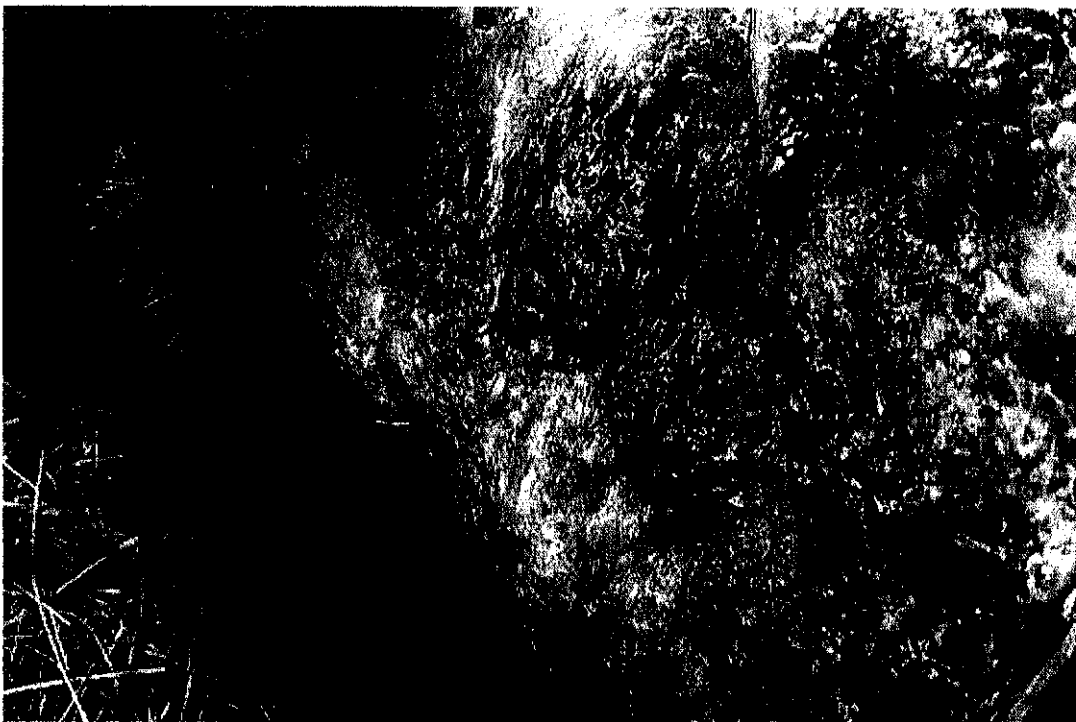


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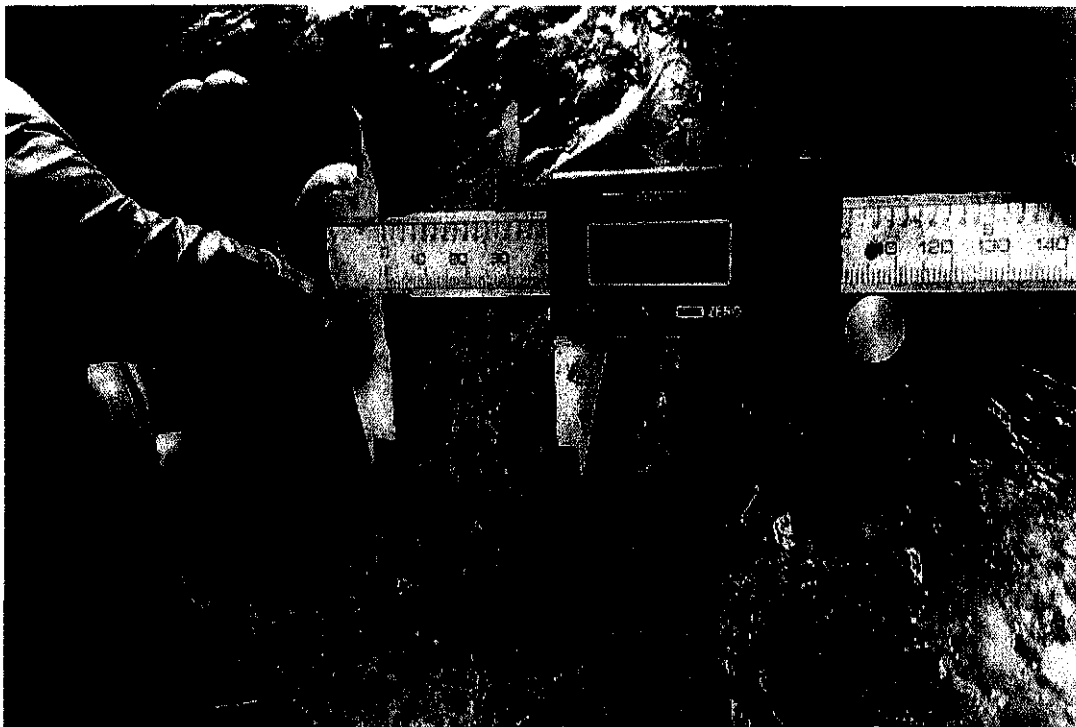


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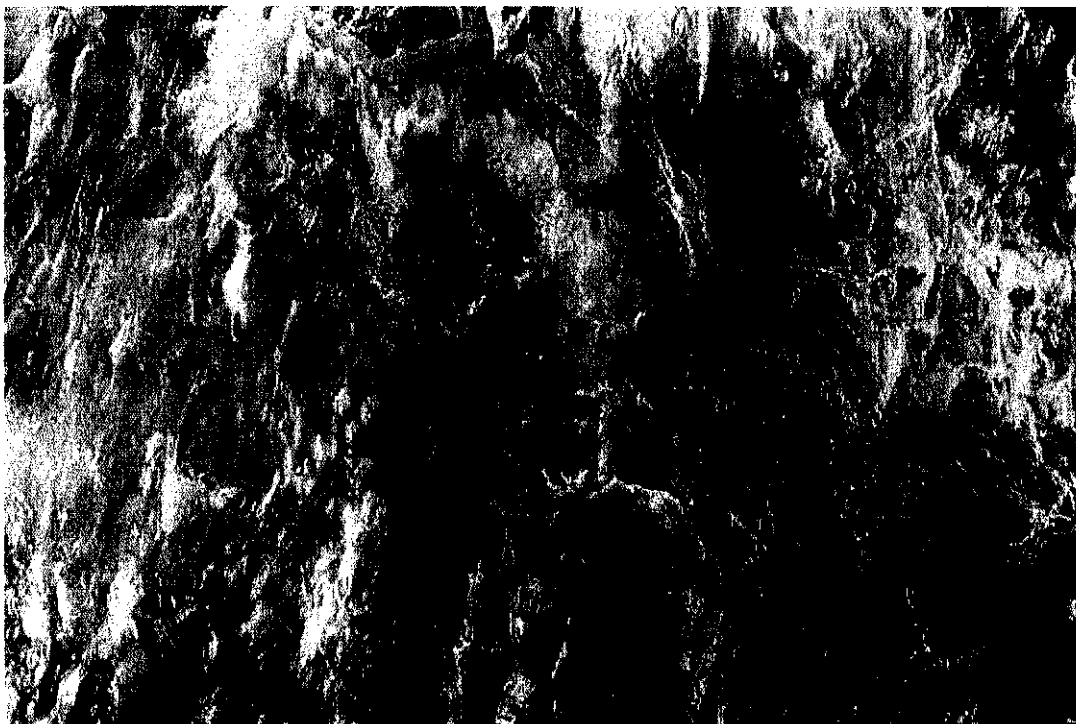


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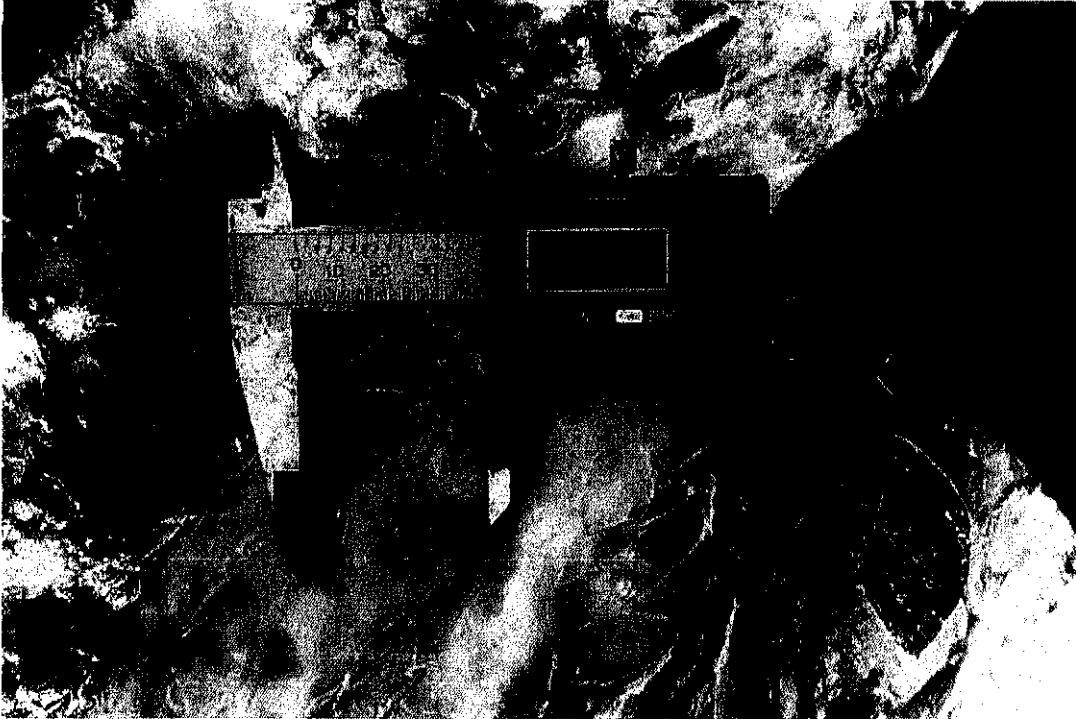


photo_6-20221018-231034.jpg



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photo_7-20221018-231056.jpg



photo_8-20221018-231140.jpg



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Arizona Livestock Loss Board
Mexican wolf Depredation Compensation Formulas

Owner: Pat Browning

Claim Number: 2210181515

Date of Investigation: 10/18/22

Formula Weekly Average

$$\begin{aligned} \text{Feeder Calf Value} &= \text{LM_XB463} = \$ 249.24 \\ &\text{LM_XB463} \times 7 \\ & \$ 249.24 \times 7 = \$1744.68 \end{aligned}$$

Categories

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- Cow: $\text{LM_XB461}^* \text{ Comp. Cutout Value} \times 8 + \$600^{**} = \text{Value}$
- Bull – documented Value

*Source - USDA National Daily Cattle and Beef Summary

Factor - 7, 8 or 9 = weight of CME feeder calf divided by 100

**UofA Study - 1 year investment on range

LM_XB463

Des Moines, IA

October 24, 2022

USDA Market News

NATIONAL COMPREHENSIVE BOXED BEEF CUTOUT - ALL FED STEER/HEIFER SALES

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Primal Chuck	199.76	203.03	207.32	202.74	189.90	185.62
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Primal Loin	315.87	549.51	333.10	312.83	258.13	227.82
Primal Brisket	203.06	206.66	202.56	199.77	192.46	188.07
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Primal Flank	137.02	141.65	143.26	141.40	125.84	129.85

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61-90 Days	319
91 Days and Up	166

TOTAL 7,214

* Includes all Choice branded. (Upper 2/3rds and lower 1/3rd)

** Includes cuts, grinds, and trim.

USDA Livestock, Poultry & Grain Market News Division, Des Moines, IA

515-284-4460 email: desm.lpgmn@ams.usda.gov

www.ams.usda.gov/market-news/livestock-poultry-grain

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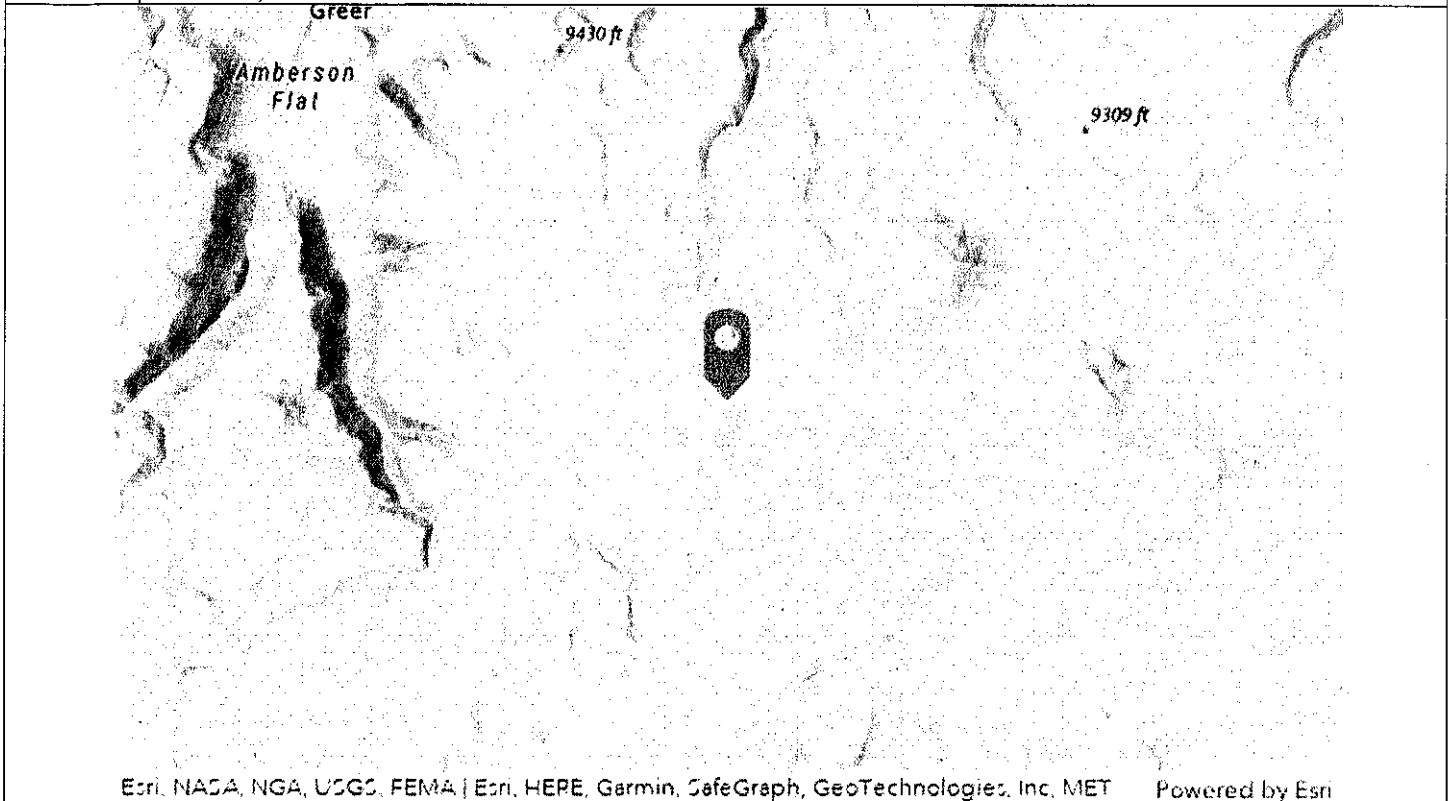
DEPREDAATION REPORT

Lead Investigator:	Sterling Simpson	Other Personnel:	Caleb Garzanelli
Date Investigated:	October 18, 2022	Date Complaint Received:	October 18, 2022
Report Number:	2210181515		

AUG 25 2023

SITE DESCRIPTION:

Resource Owner:	Hopi 3 Canyon Ranches			DOHQ
Ranch Point of Contact:	Pat Browning			
Preferred Delivery:	Mail			
Mailing Address:	34 Twin Arrows Blvd Flagstaff, AZ 86006	Email:	N/A	
County:	Apache	Phone:	(928) 671-1227	
Land Ownership:	Forest Service	Ranch Name:	26 Bar	
Nearest Town:	Greer, AZ	Allotment Name:	26 Bar	
Approximate Location:	5 miles south of Greer, AZ.	Elevation (Feet):	9,138	
General Description of Area:	High mountain meadow.			
Location:	33.97761, -109.40795			



Disclaimer: Text at the bottom of the map references the owners of the imagery.

RESOURCE:

Resource Type:	Calf	Number of Resources:	1	
Estimated Age if Adult (years):	N/A	Estimated Age if Juvenile (months):	10	
Breed Type:	Commercial	Breed:	Angus cross	Sex: Male
Evidence of Birth:	N/A	Describe Evidence of Birth:	N/A	
Estimated Time Since Death or Injury (days):	3			
Damage Type:	Killed	Ear Tag Number:	406	
Other Livestock in Area:	Yes	Description of Other Livestock:	Approximately 450 head none at the scene.	

EVIDENCE:

Detection Method:	Report from Owner/Ranch Representative
-------------------	--

Carnivore Tracks Present:	Mexican Wolf	Scat Present:	None
Carnivores Observed:	None		
Describe Carnivore Observation:	N/A		
Collared Wolves in Area:	Yes	Collar Number:	AM1854, m1852, AF1939
Wolves Reported:	Yes	Describe Wolves Reported:	Ranch representative reported seeing 8 wolves leaving the scene.
Carcass Hidden or in the Open:	In the Open		
Carcass Covered:	No		
Carcass Moved:	No	By Whom:	N/A
Drag Marks Present:	No		
Sign of Struggle:	Yes		
Blood on Site:	No		
Describe Blood on Vegetation:	N/A		
Apparent Point of First Feeding on Carcass:	Abdomen		
Percentage of Carcass Remaining:	0-25% No soft tissue, hide present, disarticulated		

PHOTO LOG:

Photo 1: The carcass as it was located.			
Photo 2:			
Type of Evidence:	Bite Mark	Hemorrhaging?	Yes
Location on Carcass:	Hind Leg	Side of Carcass:	Left
Comments:	N/A		
Photo 3:			
Type of Evidence:	Bite Mark	Hemorrhaging?	Yes
Location on Carcass:	Hind Leg	Side of Carcass:	Left
Comments:	N/A		
Photo 4:			
Type of Evidence:	Fight Scene	Hemorrhaging?	N/A
Location on Carcass:	N/A	Side of Carcass:	N/A
Comments:	N/A		
Photo 5:			
Type of Evidence:	Other	Hemorrhaging?	No
Location on Carcass:	N/A	Side of Carcass:	N/A
Comments:	Proximity to cow that was also killed by wolves.		
Photo 6:			
Type of Evidence:	Tracks	Hemorrhaging?	N/A
Location on Carcass:	N/A	Side of Carcass:	N/A
Comments:	N/A		
Photo 7:			
Type of Evidence:	Other	Hemorrhaging?	Yes
Location on Carcass:	N/A	Side of Carcass:	N/A
Comments:	Hemorrhage staining on the joint of the left back leg.		
Photo 8: N/A			
Type of Evidence:	N/A	Hemorrhaging?	N/A
Location on Carcass:	N/A	Side of Carcass:	N/A
Comments:	N/A		

CONCLUSION:

Species Causing Damage:	Mexican Wolf	Other Species:	N/A
Cause of Damage:	Confirmed Predation		
Final Review By:	WRO	Final Determination Made By:	Simpson

Describe Any Additional Evidence: It was reported by IFT personnel that AM1854 was at that location on October 14, 2022.

Was a Veterinarian Involved in Cause of Death Determination: No

Is Veterinarian Report Attached: N/A

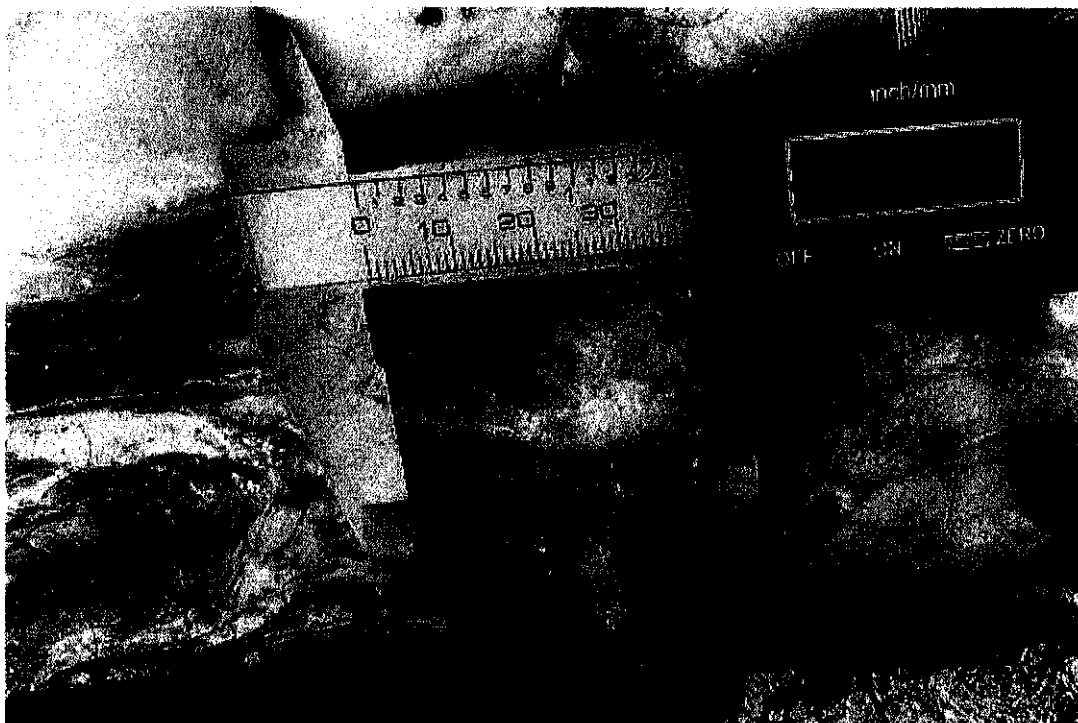
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PHOTOS:

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photo_2-20221018-174156.jpg

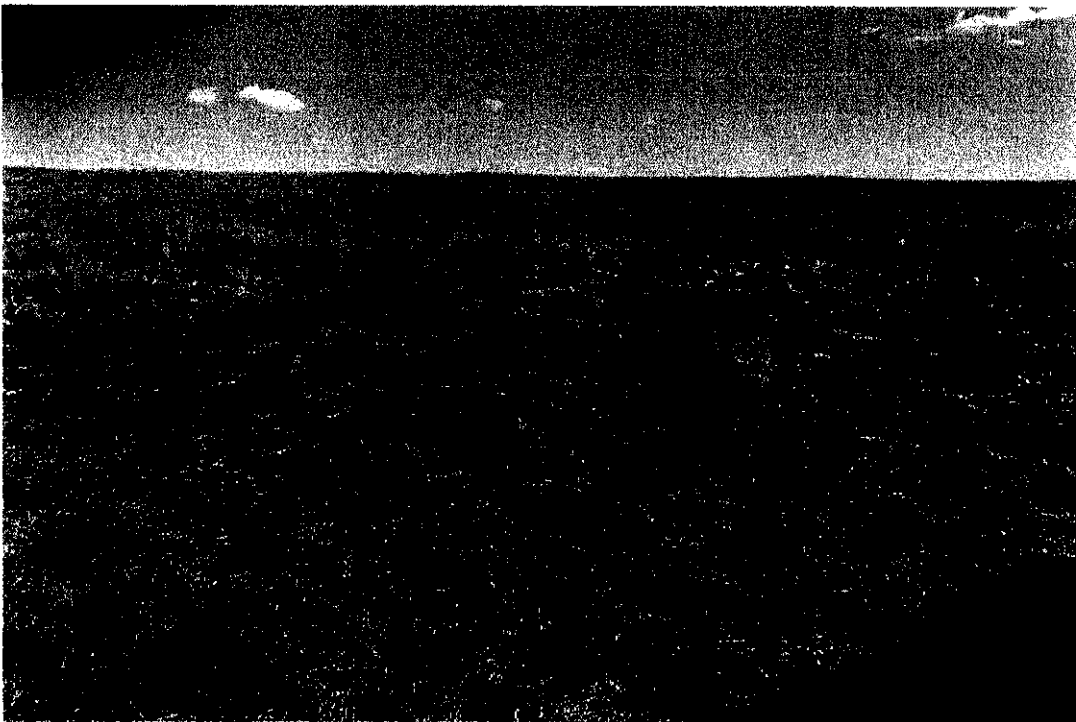


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photo_3-20221018-174307.jpg



photo_4-20221018-174347.jpg

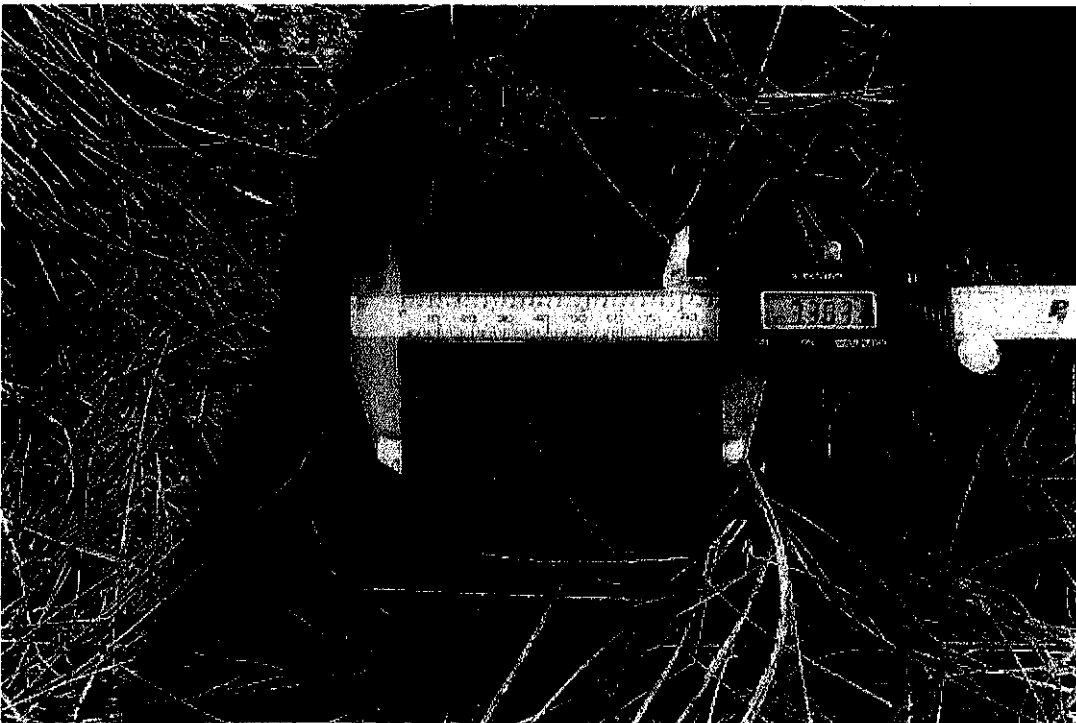


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photo_5-20221018-174540.jpg



photo_6-20221018-174610.jpg



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photo_7-20221018-174651.jpg



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Arizona Livestock Loss Board
Mexican wolf Depredation Compensation Formulas

Owner: Pat Browning

Claim Number: 2210181530

Date of Investigation: 10/18/22

Formula Weekly Average

$$\begin{aligned} \text{Cow Value} &= \text{LM_XB461} = \$201.43 \\ &\text{LM_XB461} \times 8 \\ & \$201.43 \times 8 + \$600 = \$2211.44 \end{aligned}$$

Categories

- Feeder Calf: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 7 = \text{Value}$
- Yearling: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 9 = \text{Value}$
- Replacement Heifer: $\text{LM_XB463}^* \text{ Comp. CV} \times 7 + \$750^{**} = \text{Value}$
- Cow: $\text{LM_XB461}^* \text{ Comp. Cutout Value} \times 8 + \$600^{**} = \text{Value}$
- Bull – documented Value

*Source - USDA National Daily Cattle and Beef Summary

Factor - 7, 8 or 9 = weight of CME feeder calf divided by 100

**UofA Study - 1 year investment on range



National Weekly Cutter Cow Cutout And Boxed Cow Beef Cuts
USDA Estimate Cutter Cow Carcass Cut-Out Value - Negotiated Sales

Agricultural Marketing Service
 Livestock, Poultry, and Grain Market News

October 21, 2022
 LM XB461

Email us with accessibility issues regarding this report.

Based on negotiated prices and volume of cow cuts delivered within 0-21 days and on average industry cutting yields. Values reflect U.S. dollars per 100 pounds.

		Cutter 90% 350#/up		
Current Cutout Value:		201.43		
Change from prior day:		-2.86		
Item		Price	Value	Change
90% lean		252.47	140.98	(2.32)
100% lean inside round		288.51	6.69	(0.07)
100% lean, flats and eyes		279.55	6.49	0.01
100% lean, S.P.B.		275.92	13.80	(0.08)
Chuck Tender		273.10	2.73	(0.02)
Knuckle	4-7 lbs.	299.52	7.58	(0.02)
Tenderloin	2-3 lbs.	635.84	3.37	(0.02)
Tenderloin	3-4 lbs.	669.51	4.95	(0.09)
Ribeye Roll	4-6 lbs.	395.23	4.15	0.00
Ribeye Roll	6-8 lbs.	359.26	2.66	(0.04)
Ribeye Roll	8up lbs.	394.41	2.88	(0.11)
Flank Steak		378.04	1.59	(0.05)
Kidney, Edible		33.50	0.15	(0.03)
Fat, inedible		51.95	1.21	0.00
Bone		9.15	2.20	(0.02)

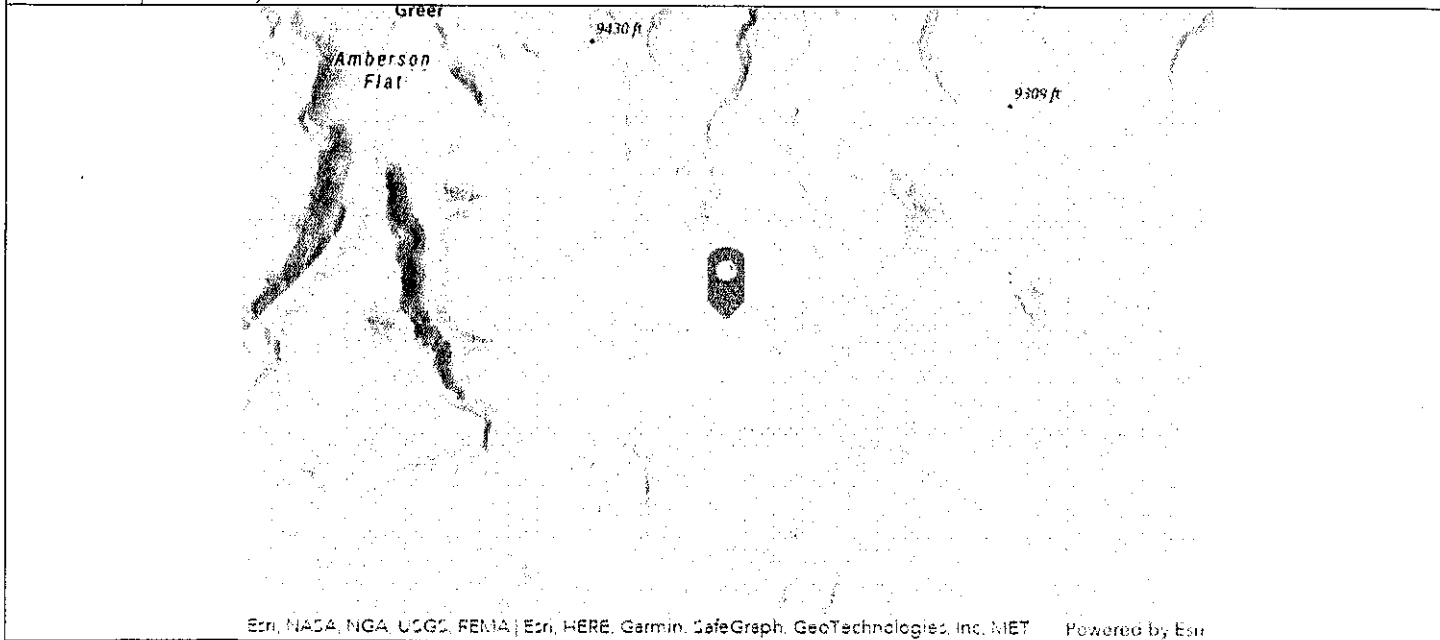
DEPREDAATION REPORT

Lead Investigator:	Caleb Garzanelli	Other Personnel:	Sterling Simpson	AUG 25 2023
Date Investigated:	October 18, 2022	Date Complaint Received:	October 18, 2022	
Report Number:	2210181530			

SITE DESCRIPTION:

DOHQ

Resource Owner:	Hopi 3 Canyon Ranches			
Ranch Point of Contact:	Pat Browning			
Preferred Delivery:	Mail			
Mailing Address:	34 Twin Hills Blvd Flagstaff, AZ 86006	Email:	N/A	
County:	Apache	Phone:	(928) 671-1227	
Land Ownership:	Forest Service	Ranch Name:	26 Bar Ranch	
Nearest Town:	Greer, AZ	Allotment Name:	26 Bar	
Approximate Location:	5 miles south of Greer, AZ.	Elevation (Feet):	9,147	
General Description of Area:	High mountain meadow.			
Location:	33.97757, -109.40791			



Disclaimer: Text at the bottom of the map references the owners of the imagery.

RESOURCE:

Resource Type:	Cow	Number of Resources:	1		
Estimated Age if Adult (years):	12	Estimated Age if Juvenile (months):	N/A		
Breed Type:	Commercial	Breed:	Angus Cross	Sex:	Female
Evidence of Birth:	No	Describe Evidence of Birth:	N/A		
Estimated Time Since Death or Injury (days):	3				
Damage Type:	Killed	Ear Tag Number:	2		
Other Livestock in Area:	Yes	Description of Other Livestock:	Other cattle appeared calm.		

EVIDENCE:

Detection Method:	Report from Owner/Ranch Representative				
Carnivore Tracks Present:	Mexican Wolf	Scat Present:	None		
Carnivores Observed:	None				
Describe Carnivore Observation:	N/A				
Collared Wolves in Area:	Yes	Collar Number:	AM 1854, m1852, AF 1939		

Wolves Reported:	Yes	Describe Wolves Reported:	The ranch representative reported observing eight Mexican gray wolves leaving the scene on the morning of October 18, 2022. It was also reported by IFT that AM1854 was in the immediate area of the carcass.		
Carcass Hidden or in the Open:	In the Open				
Carcass Covered:	No				
Carcass Moved:	No	By Whom:	N/A		
Drag Marks Present:	No				
Sign of Struggle:	Yes				
Blood on Site:	No				
Describe Blood on Vegetation:	N/A				
Apparent Point of First Feeding on Carcass:	Abdomen				
Percentage of Carcass Remaining:	51-75% All organs and portions of the hind quarters consumed, front quarters and neck intact, articulated				

PHOTO LOG:

Photo 1: The carcass as it was located.					
Photo 2:					
Type of Evidence:	Hemorrhage Spread	Hemorrhaging?	Yes		
Location on Carcass:	Hind Leg	Side of Carcass:	Right	Canine Spread (mm):	N/A
Comments:	N/A				
Photo 3:					
Type of Evidence:	Hemorrhage Spread	Hemorrhaging?	Yes		
Location on Carcass:	Hind Leg	Side of Carcass:	Right	Canine Spread (mm):	N/A
Comments:	N/A				
Photo 4:					
Type of Evidence:	Bite Mark	Hemorrhaging?	Yes		
Location on Carcass:	Hind Leg	Side of Carcass:	Right	Canine Spread (mm):	38.7
Comments:	N/A				
Photo 5:					
Type of Evidence:	Hemorrhage Spread	Hemorrhaging?	Yes		
Location on Carcass:	Shoulder	Side of Carcass:	Right	Canine Spread (mm):	N/A
Comments:	N/A				
Photo 6:					
Type of Evidence:	Bite Mark	Hemorrhaging?	Yes		
Location on Carcass:	Shoulder	Side of Carcass:	Right	Canine Spread (mm):	39.4
Comments:	N/A				
Photo 7:					
Type of Evidence:	Tracks	Hemorrhaging?	N/A		
Location on Carcass:	N/A	Side of Carcass:	N/A	Canine Spread (mm):	N/A
Comments:	N/A				
Photo 8:					
Type of Evidence:	Fight Scene	Hemorrhaging?	N/A		
Location on Carcass:	N/A	Side of Carcass:	N/A	Canine Spread (mm):	N/A
Comments:	N/A				

CONCLUSION:

Species Causing Damage:	Mexican Wolf	Other Species:	N/A		
Cause of Damage:	Confirmed Predation				
Final Review By:	WRO	Final Determination Made By:	Garzanelli		

Describe Any Additional Evidence: Both the mother cow and calf were located in the fight scene. Both animals contained bite marks and hemorrhage. The fight scene depicted a mother cow defending its calf.

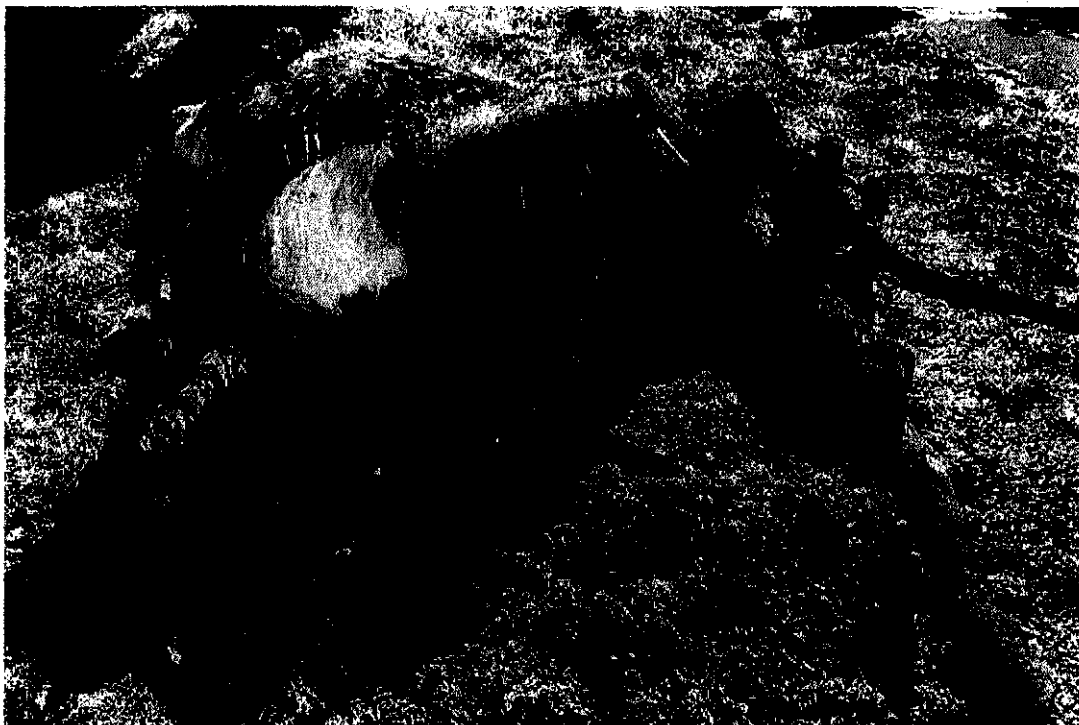
Was a Veterinarian Involved in Cause of Death Determination: No

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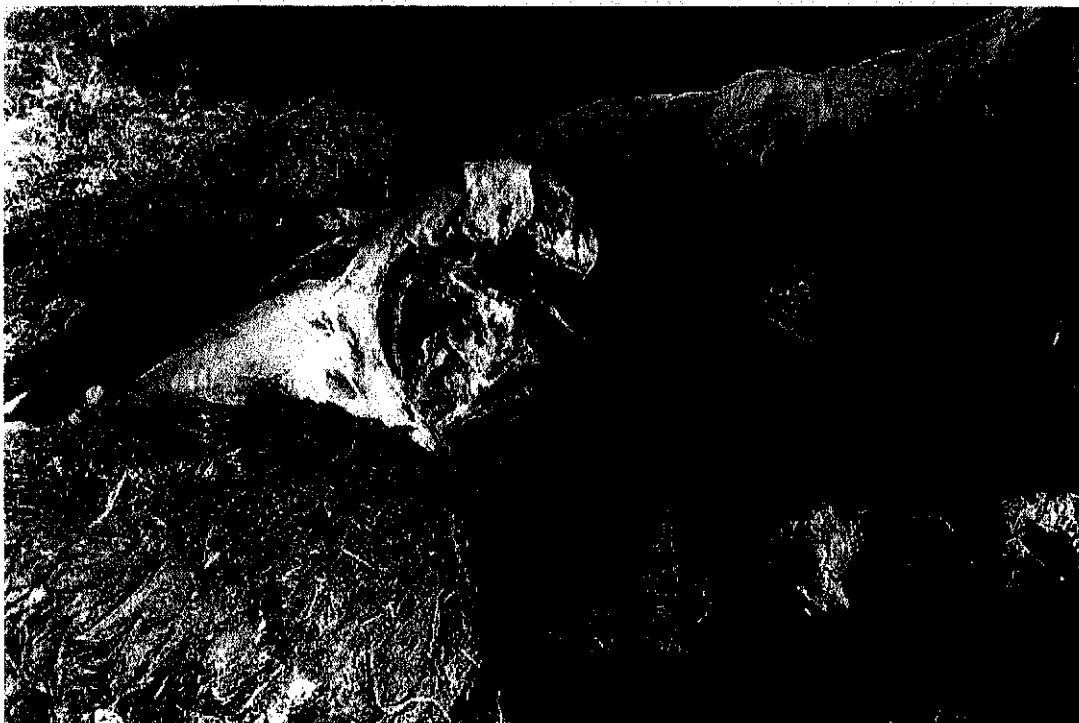
Is Veterinarian Report Attached: N/A

PHOTOS:

photo_1-20221018-222252.jpg

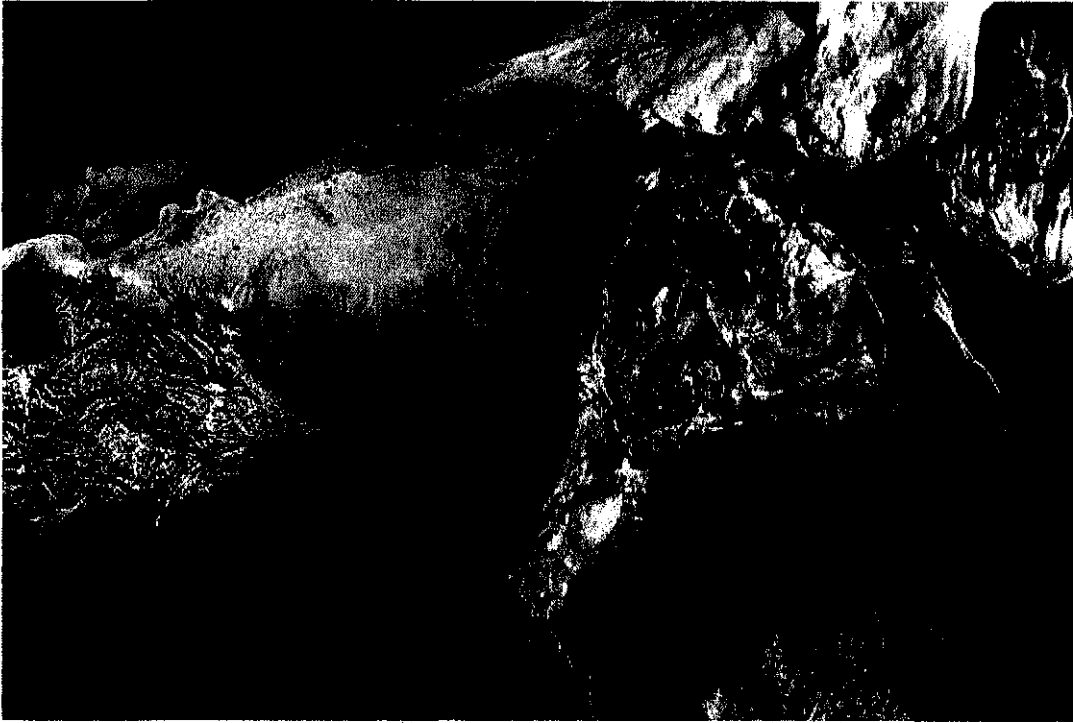


photo_2-20221018-223130.jpg

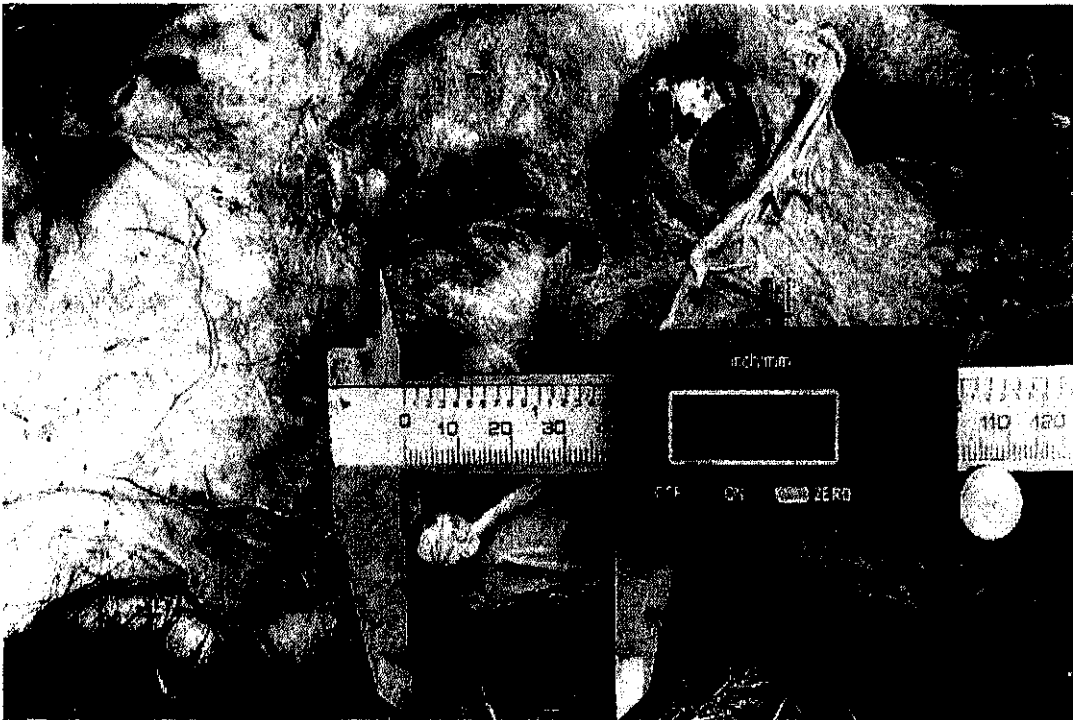


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photo_3-20221018-223239.jpg

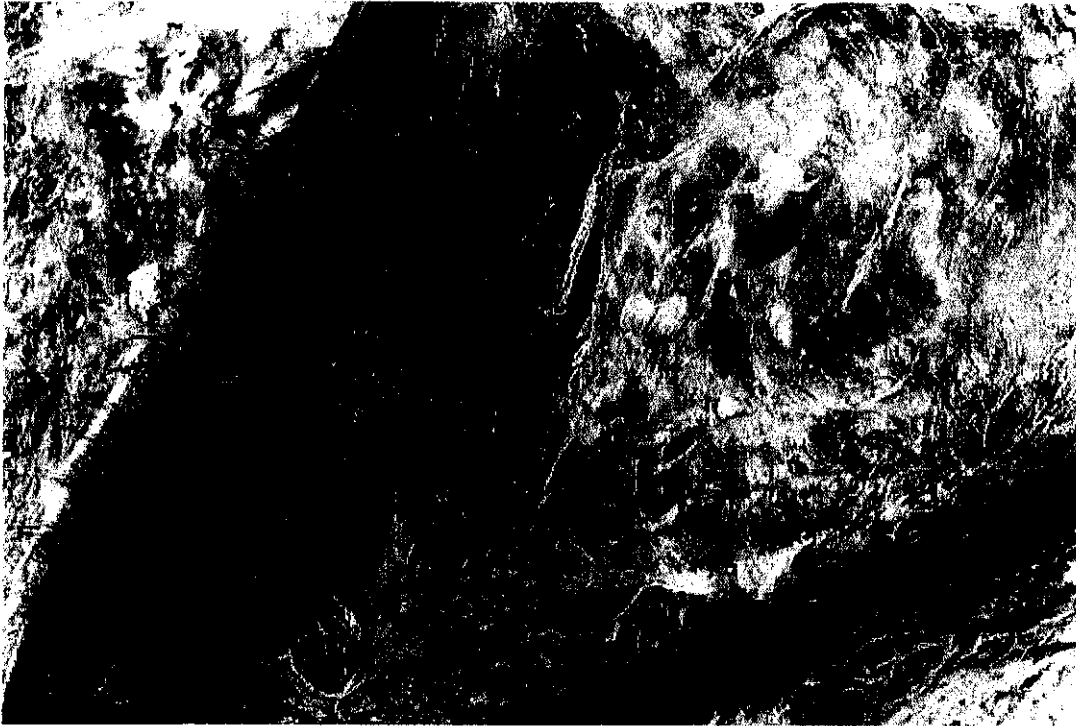


photo_4-20221018-223443.jpg



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photo_5-20221018-223953.jpg

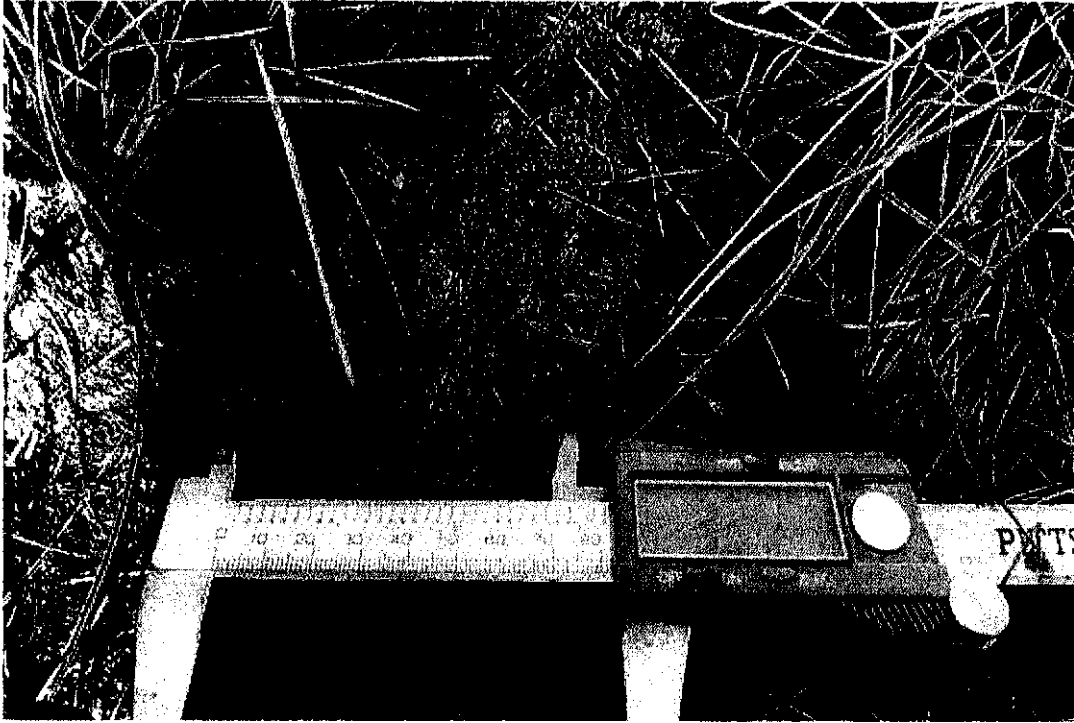


photo_6-20221018-224022.jpg

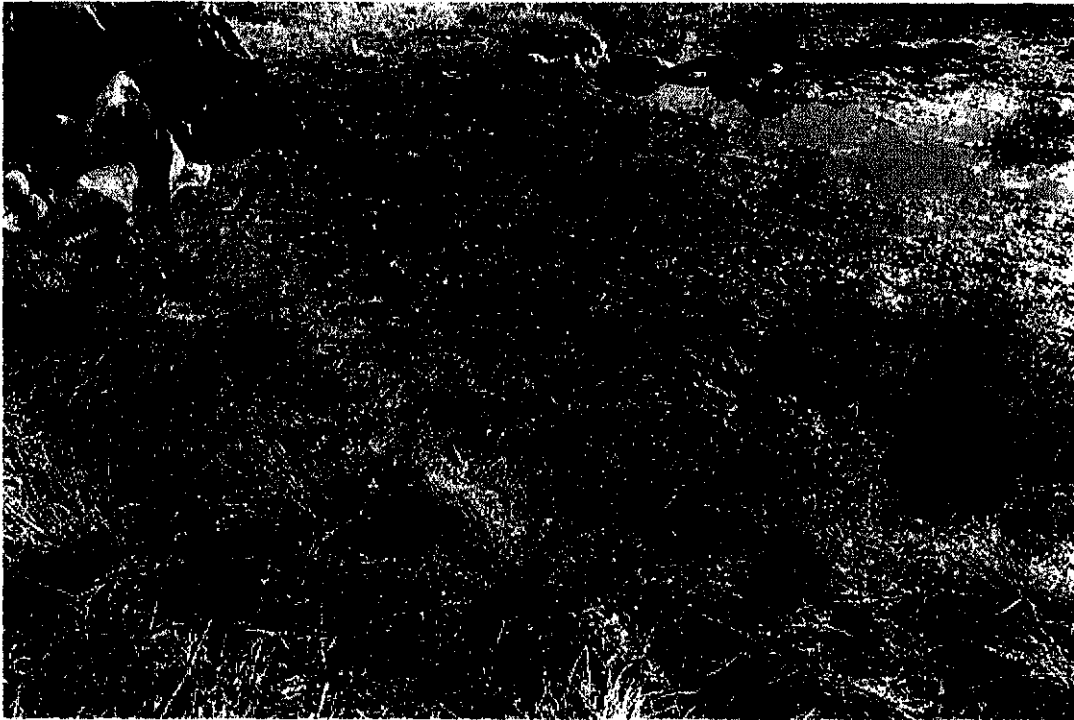


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photo_7-20221018-224128.jpg



photo_8-20221018-224159.jpg



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Arizona Livestock Loss Board
Mexican wolf Depredation Compensation Formulas

Owner: Pat Browning

Claim Number: 2306211217

Date of Investigation: 6/21/23

N/A

Formula Weekly Average

$$\begin{aligned} \text{Feeder Calf Value} &= \text{LM_XB463} = \$ 325.29 \\ &\text{LM_XB463} \times 7 \\ & \$325.29 \times 7 = \$2277.03 \end{aligned}$$

Categories

- Feeder Calf: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 7 = \text{Value}$
- Yearling: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 9 = \text{Value}$
- Replacement Heifer: $\text{LM_XB463}^* \text{ Comp. CV} \times 7 + \$750^{**} = \text{Value}$
- Cow: $\text{LM_XB461}^* \text{ Comp. Cutout Value} \times 8 + \$600^{**} = \text{Value}$
- Bull – documented Value

*Source - USDA National Daily Cattle and Beef Summary

Factor - 7, 8 or 9 = weight of CME feeder calf divided by 100

**UofA Study - 1 year investment on range

LM_XB463

Des Moines, IA

June 26, 2023

USDA Market News

NATIONAL COMPREHENSIVE BOXED BEEF CUTOUT - ALL FED STEER/HEIFER SALES

For Week Ending: 6/23/2023

	Compre- hensive	Prime	*Branded	Choice	Select	Ungraded
Weekly Cutout Value	325.29	346.76	336.30	327.21	303.14	288.94
Primal Rib	491.90	562.89	510.72	494.33	430.16	385.39
Primal Chuck	257.98	257.82	260.94	257.41	255.50	252.72
Primal Round	243.90	241.48	246.86	241.34	247.51	245.34
Primal Loin	462.71	526.64	495.28	473.70	398.69	363.43
Primal Brisket	274.03	279.04	279.18	272.30	252.14	244.23
Primal Short Plate	265.43	265.43	265.43	265.43	265.43	265.43
Primal Flank	226.18	230.00	230.58	230.05	211.67	214.57
TOTAL LOADS OF PRODUCT REPORTED			6,604			

Quality breakdown:

Prime	198
Branded*	1,247
Choice	1,961
Select	733
Ungraded**	2,465
TOTAL	6,604

Sales type breakdown:

Negotiated 0-21	1,752
Negotiated 22/up	914
Formula	3,697
Forward Contract	241
TOTAL	6,604

Destination breakdown:

Domestic	5,870
NAFTA Exports	140
Overseas Exports	594
TOTAL	6,604

Delivery period breakdown:

0-21 Days	5,428
22-60 Days	880
61-90 Days	143
91 Days and Up	154
TOTAL	6,604

* Includes all Choice branded. (Upper 2/3rds and lower 1/3rd)

** Includes cuts, grinds, and trim.

USDA Livestock, Poultry & Grain Market News Division, Des Moines, IA

515-284-4460 email: desm.lpgmn@ams.usda.gov

www.ams.usda.gov/market-news/livestock-poultry-grain

1400C

Rec'd 8/16/23 N/A

DEPREDAATION REPORT

Lead Investigator:	Caleb Garzanelli	Other Personnel:	N/A
Date Investigated:	June 21, 2023	Date Complaint Received:	June 21, 2023
Report Number:	2306211217		

SITE DESCRIPTION:

Resource Owner:	Pat Browning		
Ranch Point of Contact:	Monty Browning		
Preferred Delivery:	Mail		
Mailing Address:	34 Twin Arrows Blvd Flagstaff, AZ 86004	Email:	N/A
County:	Apache	Phone:	(928) 671-1227
Land Ownership:	Forest Service	Ranch Name:	26 Bar Ranch
Nearest Town:	Eagar, AZ	Allotment Name:	26 Bar
Approximate Location:	12 miles south of Eagar, AZ.	Elevation (Feet):	9,193
General Description of Area:	Side of Highway 261.		
Location:	34.01008, -109.36500		



Disclaimer: Text at the bottom of the map references the owners of the imagery.

RESOURCE:

Resource Type:	Calf	Number of Resources:	1		
Estimated Age if Adult (years):	N/A	Estimated Age if Juvenile (months):	3		
Breed Type:	Commercial	Breed:	Angus	Sex:	Female
Evidence of Birth:	No	Describe Evidence of Birth:	N/A		
Estimated Time Since Death or Injury (days):	3				
Damage Type:	Killed	Ear Tag Number:	N/A		
Other Livestock in Area:	No	Description of Other Livestock:	N/A		

EVIDENCE:

Detection Method:	Report from Owner/Ranch Representative		
Carnivore Tracks Present:	None	Scat Present:	None

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Carnivores Observed:	None		
Describe Carnivore Observation:	N/A		
Collared Wolves in Area:	No	Collar Number:	N/A
Wolves Reported:	No	Describe Wolves Reported:	N/A
Carcass Hidden or in the Open:	In the Open		
Carcass Covered:	No		
Carcass Moved:	No	By Whom:	N/A
Drag Marks Present:	No		
Sign of Struggle:	No		
Blood on Site:	No		
Describe Blood on Vegetation:	N/A		
Apparent Point of First Feeding on Carcass:	N/A		
Percentage of Carcass Remaining:	51-75% All organs and portions of the hind quarters consumed, front quarters and neck intact, articulated		

PHOTO LOG:

Photo 1: The carcass as it was located.			
Photo 2:			
Type of Evidence:	Other	Hemorrhaging?	No
Location on Carcass:	N/A	Side of Carcass:	N/A
Comments:	Vehicle parts.		
Photo 3:			
Type of Evidence:	Other	Hemorrhaging?	No
Location on Carcass:	N/A	Side of Carcass:	N/A
Comments:	Vehicle parts.		
Photo 4: N/A			
Type of Evidence:	N/A	Hemorrhaging?	N/A
Location on Carcass:	N/A	Side of Carcass:	N/A
Comments:	N/A		
Photo 5: N/A			
Type of Evidence:	N/A	Hemorrhaging?	N/A
Location on Carcass:	N/A	Side of Carcass:	N/A
Comments:	N/A		
Photo 6: N/A			
Type of Evidence:	N/A	Hemorrhaging?	N/A
Location on Carcass:	N/A	Side of Carcass:	N/A
Comments:	N/A		
Photo 7: N/A			
Type of Evidence:	N/A	Hemorrhaging?	N/A
Location on Carcass:	N/A	Side of Carcass:	N/A
Comments:	N/A		
Photo 8: N/A			
Type of Evidence:	N/A	Hemorrhaging?	N/A
Location on Carcass:	N/A	Side of Carcass:	N/A
Comments:	N/A		

CONCLUSION:

Species Causing Damage:	Vehicle	Other Species:	N/A
Cause of Damage:	N/A		
Final Review By:	WRO	Final Determination Made By:	Garzanelli

Describe Any Additional Evidence: N/A

Was a Veterinarian Involved in Cause of Death Determination: No

Is Veterinarian Report Attached: N/A

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PHOTOS:

photo_1-20230621-191753.jpg



photo_2-20230621-192055.jpg



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photo_3-20230621-192114.jpg



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Arizona Livestock Loss Board
Mexican wolf Depredation Compensation Formulas

Owner: Monty Browning

Claim Number: 2307121010

Date of Investigation: 7/12/23

N/A

Formula Weekly Average

$$\begin{aligned} \text{Feeder Calf Value} &= \text{LM_XB463} = \$ 306.19 \\ &\text{LM_XB463} \times 7 \\ &\$306.19 \times 7 = \$2142.27 \end{aligned}$$

Categories

- Feeder Calf: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 7 = \text{Value}$
- Yearling: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 9 = \text{Value}$
- Replacement Heifer: $\text{LM_XB463}^* \text{ Comp. CV} \times 7 + \$750^{**} = \text{Value}$
- Cow: $\text{LM_XB461}^* \text{ Comp. Cutout Value} \times 8 + \$600^{**} = \text{Value}$
- Bull – documented Value

*Source - USDA National Daily Cattle and Beef Summary

Factor - 7, 8 or 9 = weight of CME feeder calf divided by 100

**UofA Study - 1 year investment on range

LM_XB463

Des Moines, IA

July 17, 2023

USDA Market News

NATIONAL COMPREHENSIVE BOXED BEEF CUTOUT - ALL FED STEER/HEIFER SALES

For Week Ending: 7/14/2023

	Compre- hensive	Prime	*Branded	Choice	Select	Ungraded
Weekly Cutout Value	306.19	342.08	318.94	310.80	281.51	278.36
Primal Rib	441.39	564.64	473.07	458.99	381.94	374.46
Primal Chuck	248.65	250.53	250.25	250.32	245.43	239.51
Primal Round	231.58	230.76	233.01	230.67	231.26	234.14
Primal Loin	432.53	529.44	468.22	441.30	362.62	355.96
Primal Brisket	262.06	274.34	271.84	265.96	238.28	238.66
Primal Short Plate	254.33	254.33	254.33	254.33	254.33	254.33
Primal Flank	225.39	232.86	233.50	232.87	200.40	206.61

TOTAL LOADS OF PRODUCT REPORTED 7,112

Quality breakdown:

Prime	191
Branded*	1,308
Choice	2,087
Select	964
Ungraded**	2,562

TOTAL 7,112

Sales type breakdown:

Negotiated 0-21	2,222
Negotiated 22/up	1,158
Formula	3,589
Forward Contract	143

TOTAL 7,112

Destination breakdown:

Domestic	6,226
NAFTA Exports	197
Overseas Exports	690

TOTAL 7,112

Delivery period breakdown:

0-21 Days	5,867
22-60 Days	916
61-90 Days	158
91 Days and Up	172

TOTAL 7,112

* Includes all Choice branded. (Upper 2/3rds and lower 1/3rd)

** Includes cuts, grinds, and trim.

USDA Livestock, Poultry & Grain Market News Division, Des Moines, IA

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1400C

DEPREDAATION REPORT

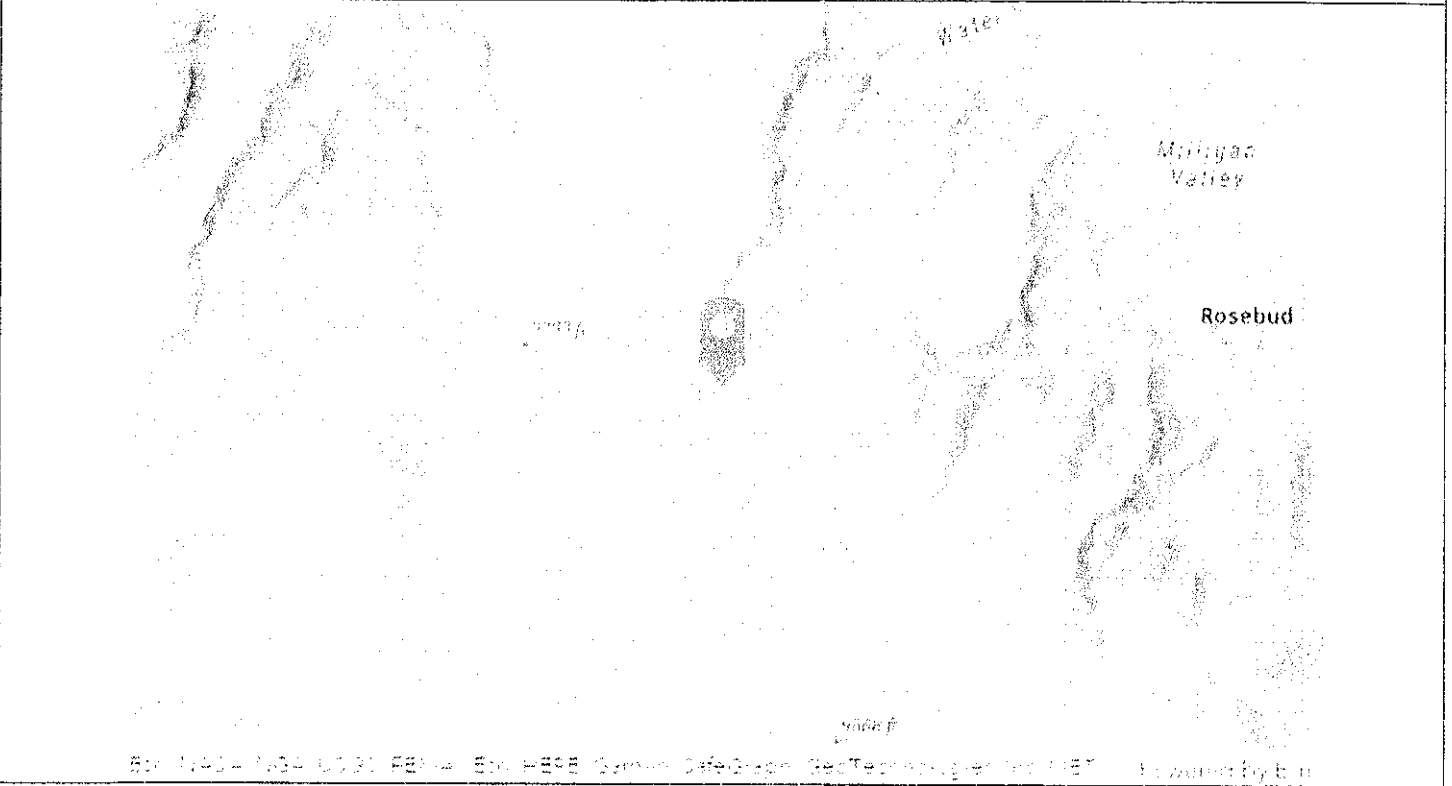
Rec'd 8-11-23

N/A

Lead Investigator:	Sterling Simpson	Other Personnel:	Caleb Garzanelli
Date Investigated:	July 12, 2023	Date Complaint Received:	July 12, 2023
Report Number:	2307121010		

SITE DESCRIPTION:

Resource Owner:	Hopi 3 Canyon Ranches		
Ranch Point of Contact:	Monty Browning		
Preferred Delivery:	Mail		
Mailing Address:	34 Twin Hills Blvd Flagstaff, AZ 86004	Email:	N/A
County:	Apache	Phone:	(928) 671-1227
Land Ownership:	Forest Service	Ranch Name:	26 Bar Ranch
Nearest Town:	Springerville, AZ	Allotment Name:	26 Bar
Approximate Location:	10 miles south west of Springerville, AZ.	Elevation (Feet):	9,202
General Description of Area:	High mountain meadow		
Location:	33.99997, -109.34126		



Disclaimer: Text at the bottom of the map references the owners of the imagery.

RESOURCE:

Resource Type:	Calf	Number of Resources:	1
Estimated Age if Adult (years):	N/A	Estimated Age if Juvenile (months):	5
Breed Type:	Commercial	Breed:	Angus cross
Evidence of Birth:	N/A	Describe Evidence of Birth:	N/A
Sex:	Male		
Estimated Time Since Death or Injury (days):	1		
Damage Type:	Unknown	Ear Tag Number:	101
Other Livestock in Area:	No	Description of Other Livestock:	N/A

EVIDENCE:

Detection Method:	Report from Owner/Ranch Representative		
Carnivore Tracks Present:	None	Scat Present:	None

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Carnivores Observed:	Coyote		
Describe Carnivore Observation:	Coyote was seen in the area on July 12, 2023.		
Collared Wolves in Area:	No	Collar Number:	N/A
Wolves Reported:	Yes	Describe Wolves Reported:	An uncollared wolf was seen approximately 1 mile to the north east of the carcass.
Carcass Hidden or in the Open:	In the Open		
Carcass Covered:	No		
Carcass Moved:	No	By Whom:	N/A
Drag Marks Present:	No		
Sign of Struggle:	No		
Blood on Site:	No		
Describe Blood on Vegetation:	N/A		
Apparent Point of First Feeding on Carcass:	N/A		
Percentage of Carcass Remaining:	76-100% Some organs consumed, most soft tissue intact, articulated		

PHOTO LOG:

Photo 1: The carcass as it was located.			
Photo 2:			
Type of Evidence:	Other	Hemorrhaging?	No
Location on Carcass:	N/A	Side of Carcass:	N/A
Comments:	No evidence of predation.		
Photo 3: N/A			
Type of Evidence:	N/A	Hemorrhaging?	N/A
Location on Carcass:	N/A	Side of Carcass:	N/A
Comments:	N/A		
Photo 4: N/A			
Type of Evidence:	N/A	Hemorrhaging?	N/A
Location on Carcass:	N/A	Side of Carcass:	N/A
Comments:	N/A		
Photo 5: N/A			
Type of Evidence:	N/A	Hemorrhaging?	N/A
Location on Carcass:	N/A	Side of Carcass:	N/A
Comments:	N/A		
Photo 6: N/A			
Type of Evidence:	N/A	Hemorrhaging?	N/A
Location on Carcass:	N/A	Side of Carcass:	N/A
Comments:	N/A		
Photo 7: N/A			
Type of Evidence:	N/A	Hemorrhaging?	N/A
Location on Carcass:	N/A	Side of Carcass:	N/A
Comments:	N/A		
Photo 8: N/A			
Type of Evidence:	N/A	Hemorrhaging?	N/A
Location on Carcass:	N/A	Side of Carcass:	N/A
Comments:	N/A		

CONCLUSION:

Species Causing Damage:	Unknown	Other Species:	N/A
Cause of Damage:	N/A		
Final Review By:	WRO	Final Determination Made By:	Simpson

Describe Any Additional Evidence: There was no evidence of predation present.

Was a Veterinarian Involved in Cause of Death Determination: No

Is Veterinarian Report Attached: N/A

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PHOTOS:

photo_1-20230712-171847.jpg



photo_2-20230712-172610.jpg



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Arizona Livestock Loss Board
Mexican wolf Depredation Compensation Formulas

Owner: Charles Waite

Claim Number: 2307300902

Date of Investigation: 7/16/23

Formula Weekly Average

$$\begin{aligned} \text{Feeder Calf Value} &= \text{LM_XB463} = \$299.26 \\ &\text{LM_XB463} \times 7 \\ &299.26 \times 7 = \$2094.82 \end{aligned}$$

Categories

- Feeder Calf: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 7 = \text{Value}$
- Yearling: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 9 = \text{Value}$
- Replacement Heifer: $\text{LM_XB463}^* \text{ Comp. CV} \times 7 + \$750^{**} = \text{Value}$
- Cow: $\text{LM_XB461}^* \text{ Comp. Cutout Value} \times 8 + \$600^{**} = \text{Value}$
- Bull – documented Value

*Source - USDA National Daily Cattle and Beef Summary

Factor - 7, 8 or 9 = weight of CME feeder calf divided by 100

**UofA Study - 1 year investment on range

LM_XB463

Des Moines, IA

July 31, 2023

USDA Market News

NATIONAL COMPREHENSIVE BOXED BEEF CUTOUT - ALL FED STEER/HEIFER SALES

For Week Ending: 7/28/2023

	Compre- hensive	Prime	*Branded	Choice	Select	Ungraded
Weekly Cutout Value	299.26	337.29	309.36	302.69	277.27	268.75
Primal Rib	450.07	557.90	466.59	457.55	378.40	356.60
Primal Chuck	247.89	248.00	249.20	247.71	246.74	243.98
Primal Round	233.08	232.36	235.45	232.12	231.52	231.33
Primal Loin	405.01	525.08	436.37	417.52	348.71	325.20
Primal Brisket	245.98	245.03	250.88	241.90	239.28	230.79
Primal Short Plate	239.58	239.58	239.58	239.58	239.58	239.58
Primal Flank	215.15	226.84	227.08	226.86	190.46	197.80
TOTAL LOADS OF PRODUCT REPORTED			7,120			

Quality breakdown:

Prime	198
Branded*	1,369
Choice	1,979
Select	852
Ungraded**	2,723
TOTAL	7,120

Sales type breakdown:

Negotiated 0-21	2,073
Negotiated 22/up	1,251
Formula	3,552
Forward Contract	246
TOTAL	7,120

Destination breakdown:

Domestic	5,889
NAFTA Exports	164
Overseas Exports	1,068
TOTAL	7,120

Delivery period breakdown:

0-21 Days	5,630
22-60 Days	1,141
61-90 Days	186
91 Days and Up	163
TOTAL	7,120

* Includes all Choice branded. (Upper 2/3rds and lower 1/3rd)

** Includes cuts, grinds, and trim.

USDA Livestock, Poultry & Grain Market News Division, Des Moines, IA

515-284-4460 email: desm.lpgmn@ams.usda.gov

www.ams.usda.gov/market-news/livestock-poultry-grain

1400C

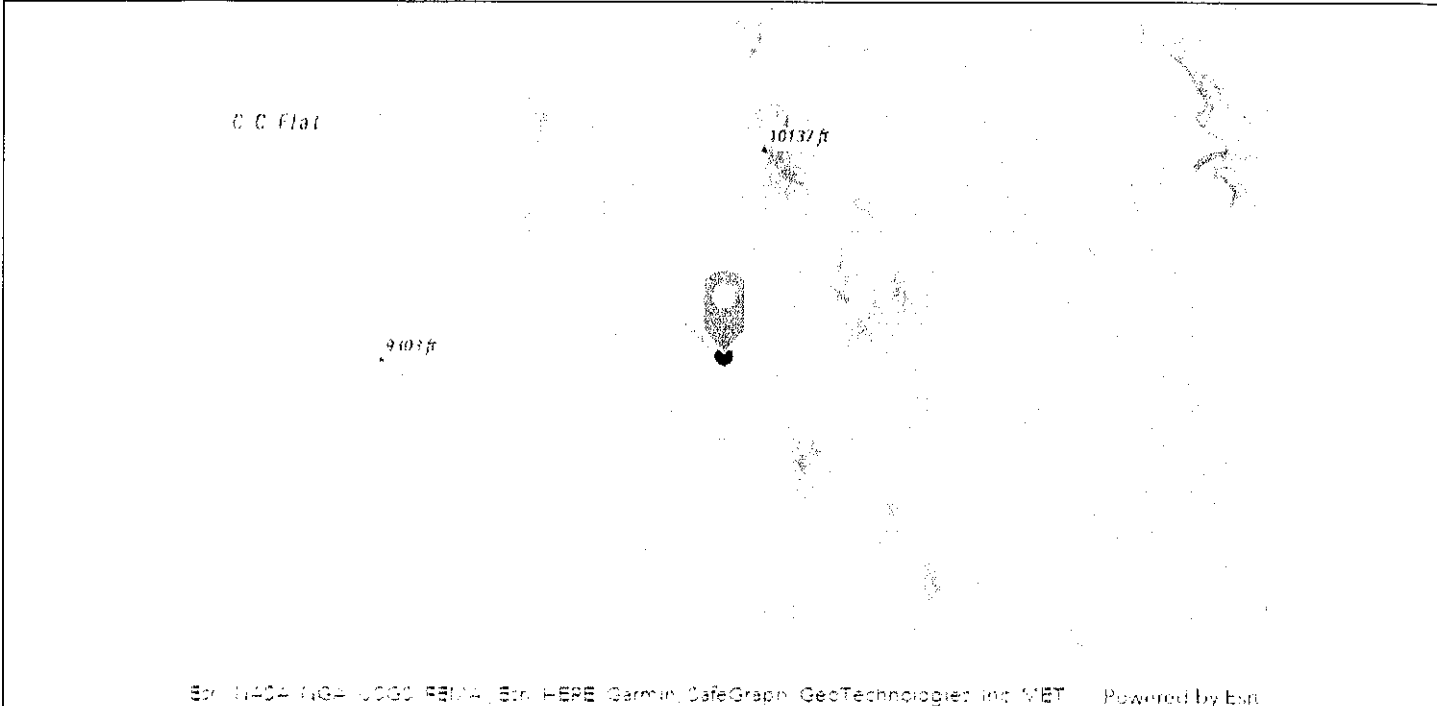
Rec'd
8.28.23

DEPREDAATION REPORT

Lead Investigator:	Sterling Simpson	Other Personnel:	Caleb Garzanelli
Date Investigated:	July 30, 2023	Date Complaint Received:	July 29, 2023
Report Number:	2307300902		

SITE DESCRIPTION:

Resource Owner:	Charles Waite		
Ranch Point of Contact:	Charles Waite		
Preferred Delivery:	Mail		
Mailing Address:	P.O. Box 235 St. Johns, AZ 85935	Email:	N/A
County:	Apache	Phone:	(928) 321-8333
Land Ownership:	Forest Service	Ranch Name:	N/A
Nearest Town:	Greer, AZ	Allotment Name:	Green's Peak
Approximate Location:	10 miles northwest of Greer, AZ.	Elevation (Feet):	9,623
General Description of Area:	High elevation grass lands		
Location:	34.08901, -109.57968		



Disclaimer: Text at the bottom of the map references the owners of the imagery.

RESOURCE:

Resource Type:	Calf	Number of Resources:	1		
Estimated Age if Adult (years):	N/A	Estimated Age if Juvenile (months):	5		
Breed Type:	Commercial	Breed:	Angus cross	Sex:	Female
Evidence of Birth:	No	Describe Evidence of Birth:	N/A		
Estimated Time Since Death or Injury (days):	3				
Damage Type:	Killed	Ear Tag Number:	N/A		
Other Livestock in Area:	Yes	Description of Other Livestock:	There are approximately 400 head of cattle in the pasture none on the scene.		

EVIDENCE:

Detection Method:	Report from Owner/Ranch Representative		
Carnivore Tracks Present:	None	Scat Present:	Mexican Wolf, Coyote
Carnivores Observed:	None		

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Describe Carnivore Observation:	N/A		
Collared Wolves in Area:	No	Collar Number:	N/A
Wolves Reported:	Yes	Describe Wolves Reported:	It was reported that m2722 was approximately one mile to the southwest of the carcass on July 28, 2023.
Carcass Hidden or in the Open:	In the Open		
Carcass Covered:	Yes		
Carcass Moved:	No	By Whom:	N/A
Drag Marks Present:	No		
Sign of Struggle:	N/A		
Blood on Site:	No		
Describe Blood on Vegetation:	N/A		
Apparent Point of First Feeding on Carcass:	Flank		
Percentage of Carcass Remaining:	51-75% All organs and portions of the hind quarters consumed, front quarters and neck intact, articulated		

PHOTO LOG:

Photo 1: The carcass as it was located.			
Photo 2:			
Type of Evidence:	Bite Mark	Hemorrhaging?	No
Location on Carcass:	Armpit	Side of Carcass:	Left
Comments:	N/A		
Photo 3:			
Type of Evidence:	Bite Mark	Hemorrhaging?	No
Location on Carcass:	Armpit	Side of Carcass:	Left
Comments:	N/A		
Photo 4:			
Type of Evidence:	Bite Mark	Hemorrhaging?	No
Location on Carcass:	Armpit	Side of Carcass:	Left
Comments:	N/A		
Photo 5:			
Type of Evidence:	Bite Mark	Hemorrhaging?	Yes
Location on Carcass:	Armpit	Side of Carcass:	Left
Comments:	N/A		
Photo 6:			
Type of Evidence:	Bite Mark	Hemorrhaging?	Yes
Location on Carcass:	Armpit	Side of Carcass:	Left
Comments:	N/A		
Photo 7:			
Type of Evidence:	Bite Mark	Hemorrhaging?	Yes
Location on Carcass:	Flank	Side of Carcass:	Left
Comments:	N/A		
Photo 8:			
Type of Evidence:	Bite Mark	Hemorrhaging?	Yes
Location on Carcass:	Flank	Side of Carcass:	Left
Comments:	N/A		

CONCLUSION:

Species Causing Damage:	Mexican Wolf	Other Species:	N/A
Cause of Damage:	Confirmed Predation		
Final Review By:	WRO	Final Determination Made By:	Simpson

Describe Any Additional Evidence: Wolf scat was located on the scene.

Was a Veterinarian Involved in Cause of Death Determination: No

Is Veterinarian Report Attached: N/A

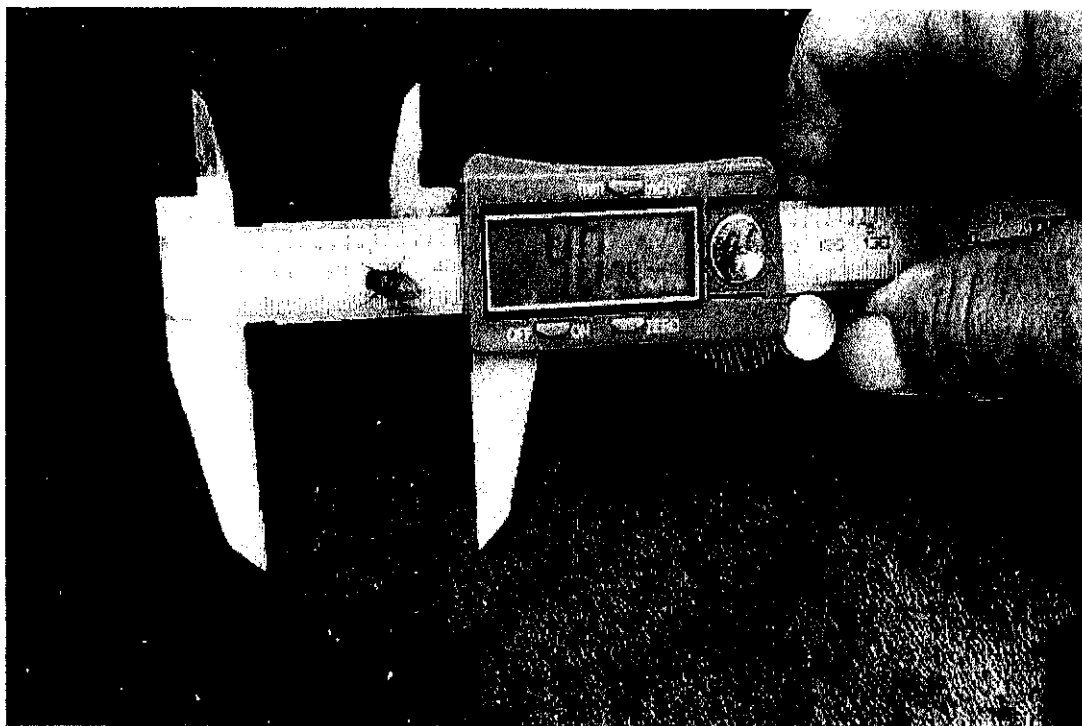
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PHOTOS:

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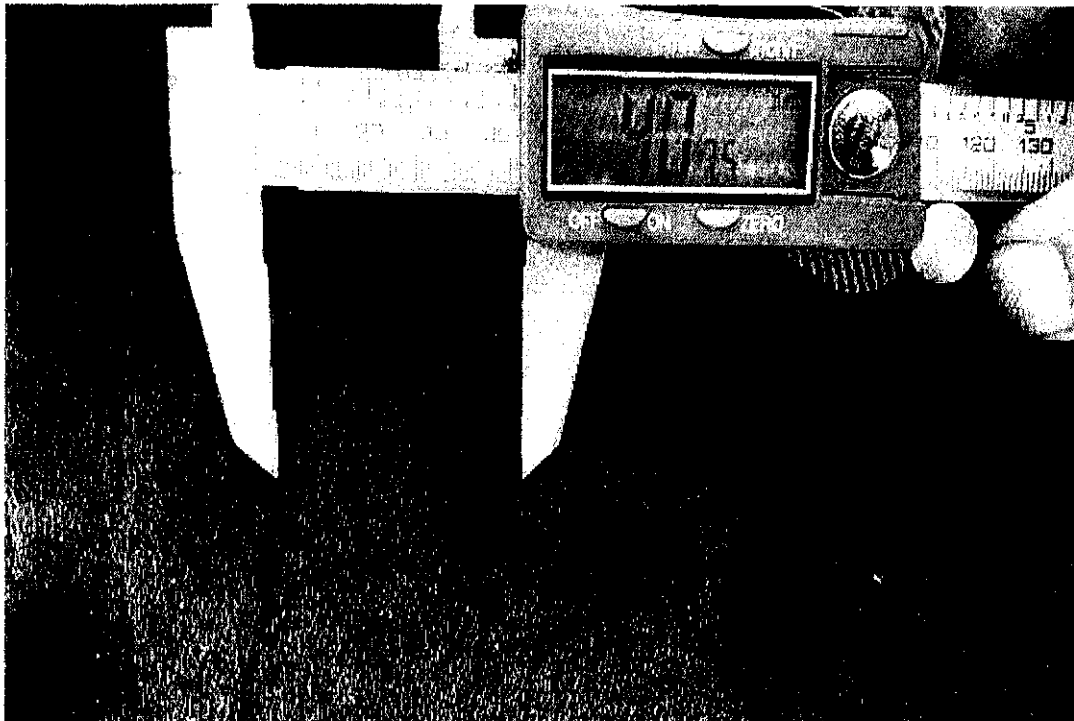


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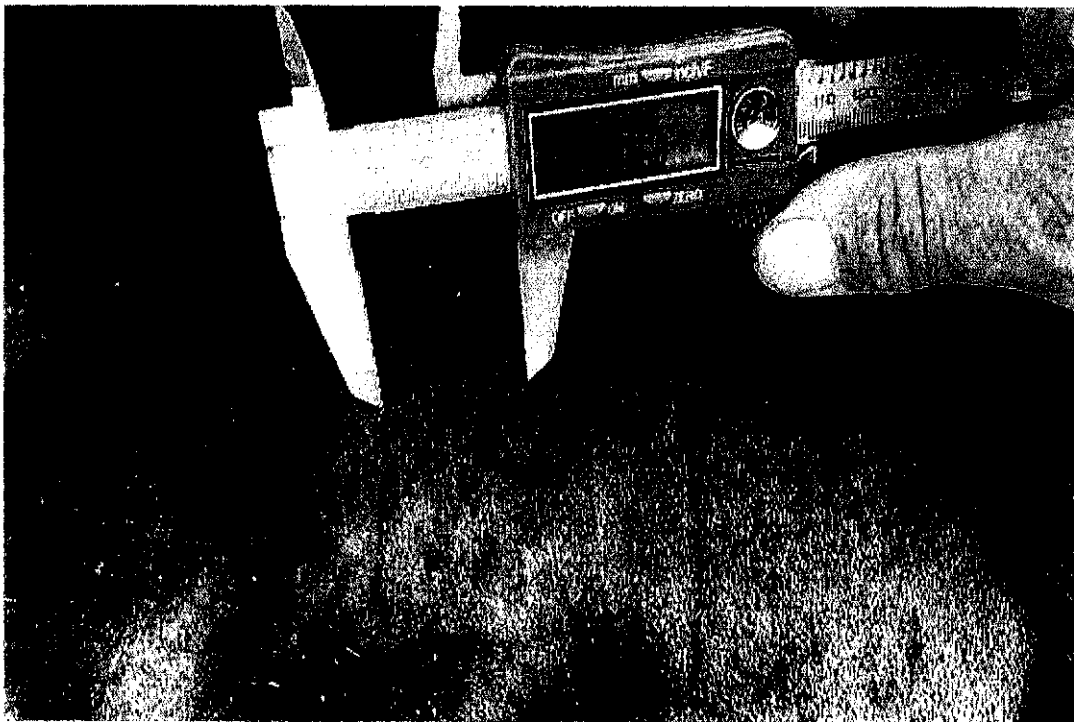


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photo_3-20230730-162651.jpg

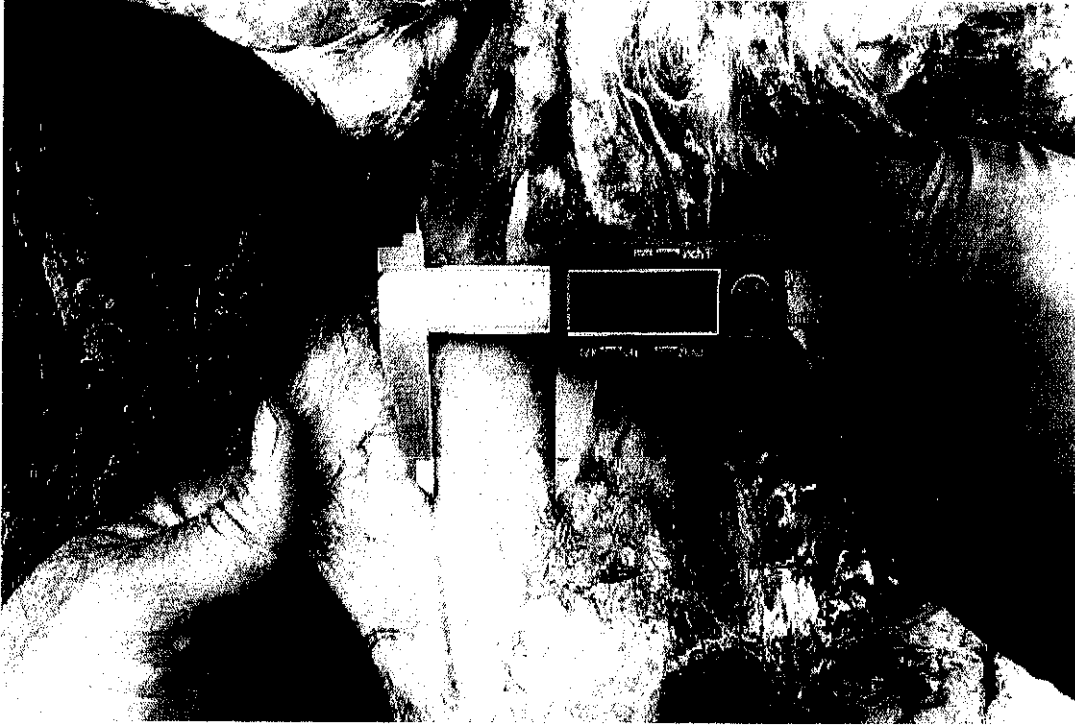


photo_4-20230730-162726.jpg

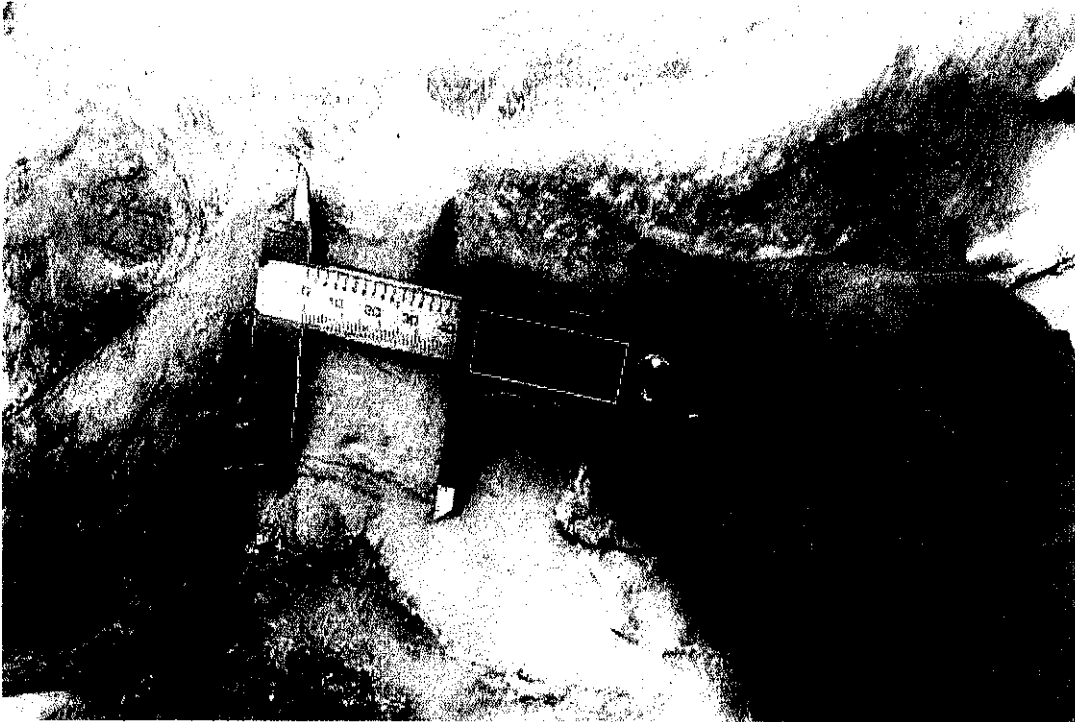


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photo_5-20230730-163726.jpg

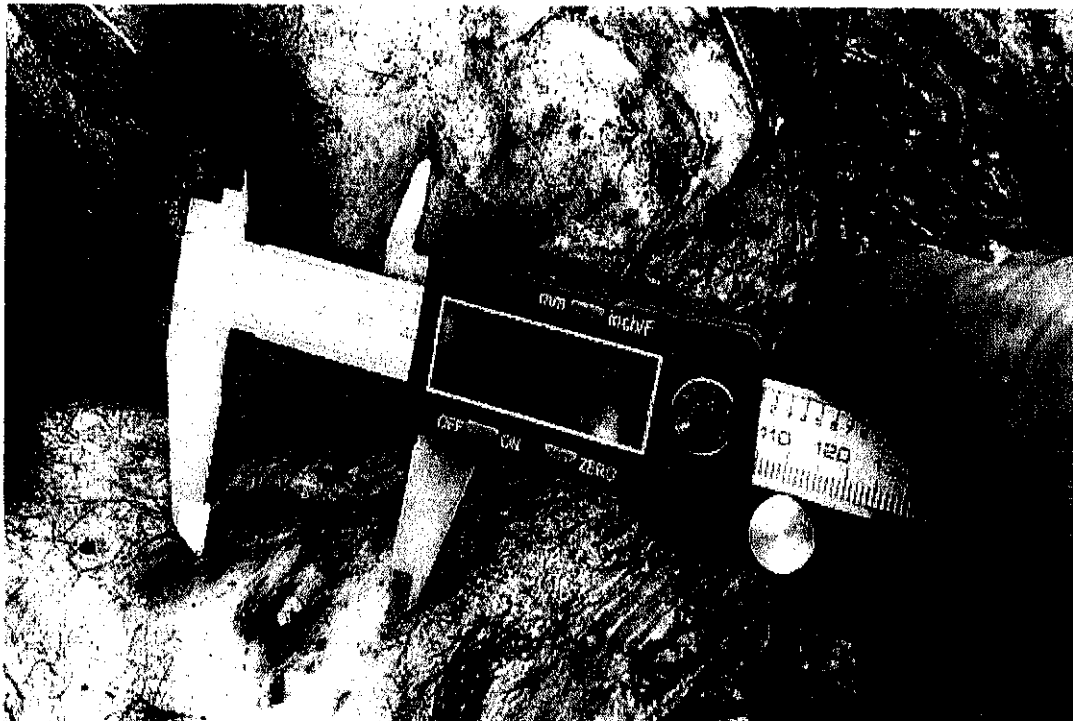


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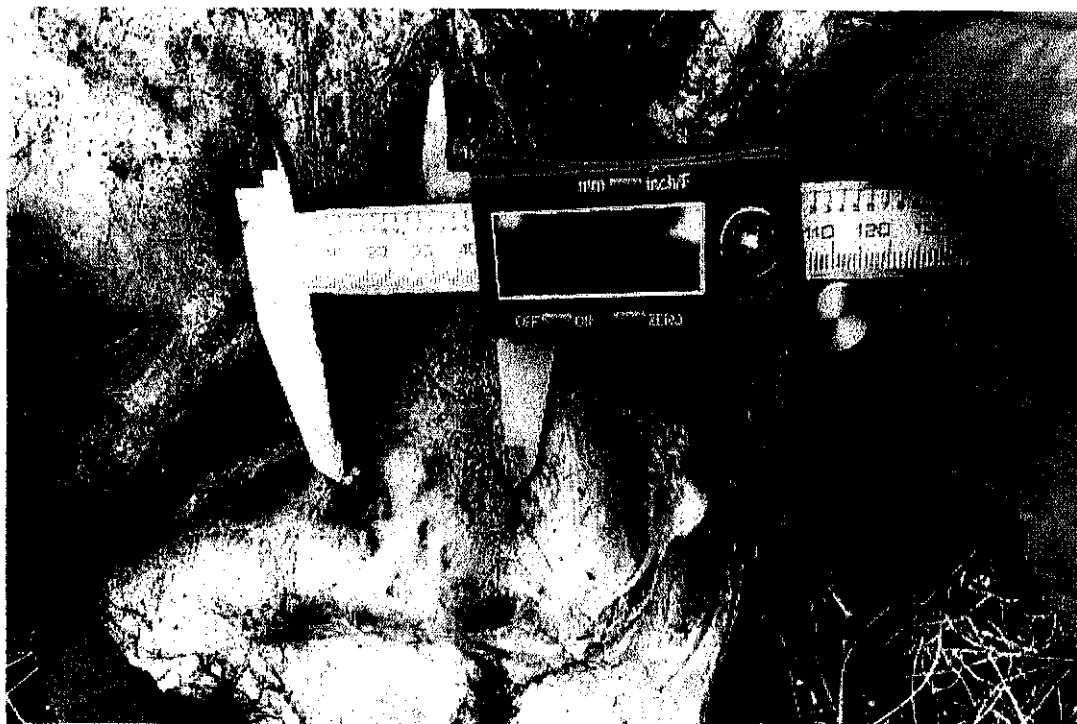


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photo_7-20230730-163811.jpg



photo_8-20230730-163831.jpg



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Arizona Livestock Loss Board
Mexican wolf Depredation Compensation Formulas

Owner: Wink Crigler

Claim Number: 2307161212

Date of Investigation: 7/16/23

Formula Weekly Average

$$\begin{aligned} \text{Feeder Calf Value} &= \text{LM_XB463} = \$ 306.19 \\ &\text{LM_XB463} \times 7 \\ &\$306.19 \times 7 = \$2143.33 \end{aligned}$$

Categories

- Feeder Calf: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 7 = \text{Value}$
- Yearling: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 9 = \text{Value}$
- Replacement Heifer: $\text{LM_XB463}^* \text{ Comp. CV} \times 7 + \$750^{**} = \text{Value}$
- Cow: $\text{LM_XB461}^* \text{ Comp. Cutout Value} \times 8 + \$600^{**} = \text{Value}$
- Bull – documented Value

*Source - USDA National Daily Cattle and Beef Summary

Factor - 7, 8 or 9 = weight of CME feeder calf divided by 100

**UofA Study - 1 year investment on range

LM_XB463

Des Moines, IA

July 17, 2023

USDA Market News

NATIONAL COMPREHENSIVE BOXED BEEF CUTOUT - ALL FED STEER/HEIFER SALES

For Week Ending: 7/14/2023

	Compre- hensive	Prime	*Branded	Choice	Select	Ungraded
Weekly Cutout Value	306.19	342.08	318.94	310.80	281.51	278.36
Primal Rib	441.39	564.64	473.07	458.99	381.94	374.46
Primal Chuck	248.65	250.53	250.25	250.32	245.43	239.51
Primal Round	231.58	230.76	233.01	230.67	231.26	234.14
Primal Loin	432.53	529.44	468.22	441.30	362.62	355.96
Primal Brisket	262.06	274.34	271.84	265.96	238.28	238.66
Primal Short Plate	254.33	254.33	254.33	254.33	254.33	254.33
Primal Flank	225.39	232.86	233.50	232.87	200.40	206.61

TOTAL LOADS OF PRODUCT REPORTED 7,112

Quality breakdown:

Prime	191
Branded*	1,308
Choice	2,087
Select	964
Ungraded**	2,562

TOTAL 7,112

Sales type breakdown:

Negotiated 0-21	2,222
Negotiated 22/up	1,158
Formula	3,589
Forward Contract	143

TOTAL 7,112

Destination breakdown:

Domestic	6,226
NAFTA Exports	197
Overseas Exports	690

TOTAL 7,112

Delivery period breakdown:

0-21 Days	5,867
22-60 Days	916
61-90 Days	158
91 Days and Up	172

TOTAL 7,112

* Includes all Choice branded. (Upper 2/3rds and lower 1/3rd)

** Includes cuts, grinds, and trim.

USDA Livestock, Poultry & Grain Market News Division, Des Moines, IA

515-284-4460 email: desm.lpgmn@ams.usda.gov

www.ams.usda.gov/market-news/livestock-poultry-grain

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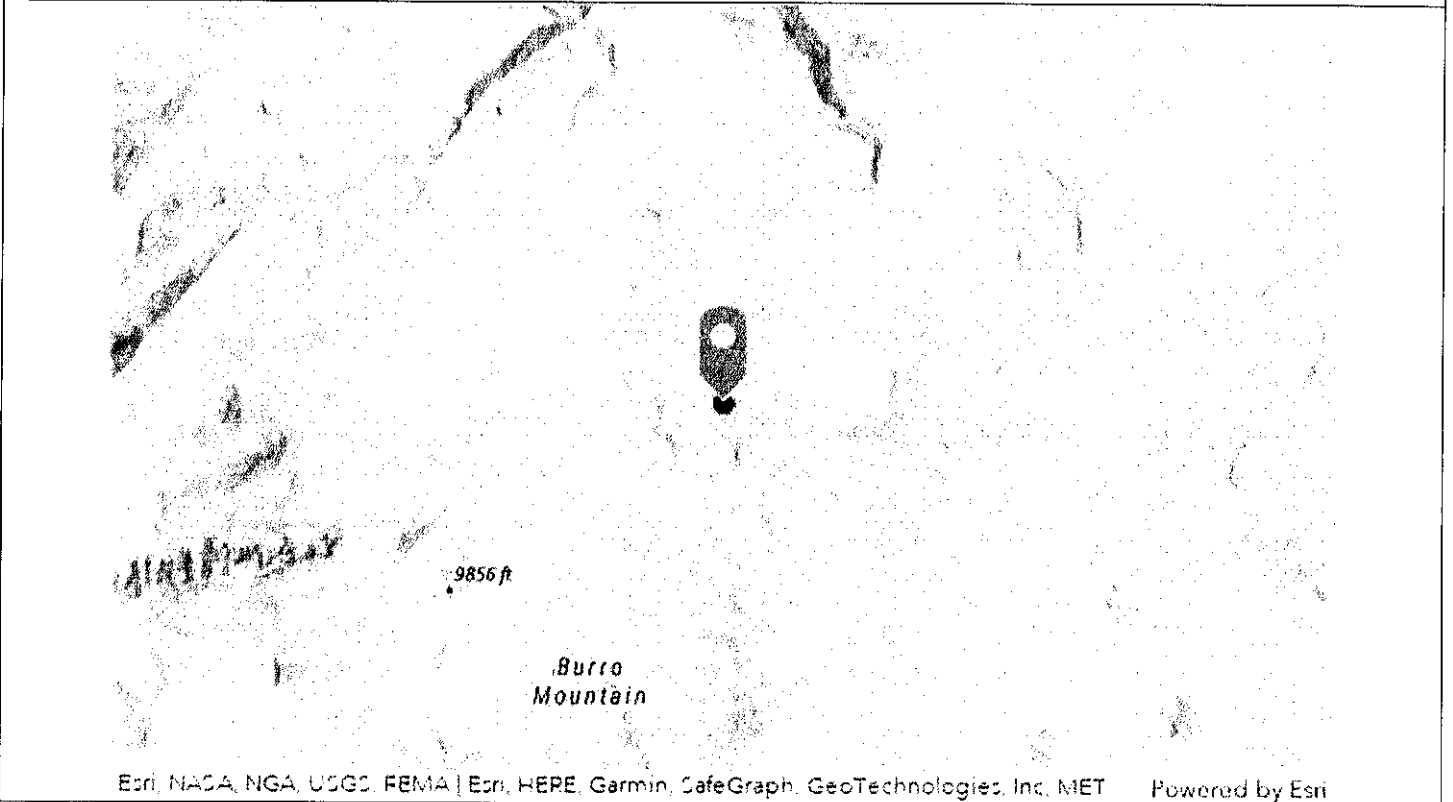
DEPREDAATION REPORT

Lead Investigator:	Sterling Simpson	Other Personnel:	Caleb Garzanelli	AUG 25 2023
Date Investigated:	July 16, 2023	Date Complaint Received:	July 16, 2023	
Report Number:	2307161212			

SITE DESCRIPTION:

DOHQ

Resource Owner:	Wink Crigler			
Ranch Point of Contact:	Wink Crigler			
Preferred Delivery:	Mail			
Mailing Address:	P.O. Box 791 Springerville, AZ 85938	Email:	N/A	
County:	Apache	Phone:	(928) 333-2286	
Land Ownership:	Forest Service	Ranch Name:	X Diamond Ranch	
Nearest Town:	Greer, AZ	Allotment Name:	Voight	
Approximate Location:	8 miles south east of Greer, AZ.	Elevation (Feet):	9,385	
General Description of Area:	High elevation ridge in an old burn.			
Location:	33.93996, -109.46182			



Disclaimer: Text at the bottom of the map references the owners of the imagery.

RESOURCE:

Resource Type:	Calf	Number of Resources:	1		
Estimated Age if Adult (years):	N/A	Estimated Age if Juvenile (months):	4		
Breed Type:	Commercial	Breed:	Angus cross	Sex:	Unknown
Evidence of Birth:	N/A	Describe Evidence of Birth:	N/A		
Estimated Time Since Death or Injury (days):	3				
Damage Type:	Killed	Ear Tag Number:	N/A		
Other Livestock in Area:	No	Description of Other Livestock:	N/A		

EVIDENCE:

Detection Method:	Found by WS
-------------------	-------------

Carnivore Tracks Present:	Mexican Wolf	Scat Present:	Mexican Wolf
Carnivores Observed:	None		
Describe Carnivore Observation:	N/A		
Collared Wolves in Area:	Yes	Collar Number:	m1852
Wolves Reported:	Yes	Describe Wolves Reported:	It was reported m1852 was on the carcass on July 13 and 14, 2023.
Carcass Hidden or in the Open:	In the Open		
Carcass Covered:	No		
Carcass Moved:	No	By Whom:	N/A
Drag Marks Present:	No		
Sign of Struggle:	Yes		
Blood on Site:	Yes		
Describe Blood on Vegetation:	Blood splatter was found on grass in the fight scene.		
Apparent Point of First Feeding on Carcass:	N/A		
Percentage of Carcass Remaining:	0-25% No soft tissue, hide present, disarticulated		

PHOTO LOG:

Photo 1: The carcass as it was located.					
Photo 2:					
Type of Evidence:	Fight Scene	Hemorrhaging?	N/A		
Location on Carcass:	N/A	Side of Carcass:	N/A	Canine Spread (mm):	N/A
Comments:	N/A				
Photo 3:					
Type of Evidence:	Hemorrhage Spread	Hemorrhaging?	Yes		
Location on Carcass:	Front Leg	Side of Carcass:	Left	Canine Spread (mm):	N/A
Comments:	N/A				
Photo 4:					
Type of Evidence:	Bite Mark	Hemorrhaging?	Yes		
Location on Carcass:	Front Leg	Side of Carcass:	Left	Canine Spread (mm):	39.1
Comments:	N/A				
Photo 5:					
Type of Evidence:	Hemorrhage Spread	Hemorrhaging?	Yes		
Location on Carcass:	Front Leg	Side of Carcass:	Left	Canine Spread (mm):	N/A
Comments:	N/A				
Photo 6:					
Type of Evidence:	Tracks	Hemorrhaging?	N/A		
Location on Carcass:	N/A	Side of Carcass:	N/A	Canine Spread (mm):	N/A
Comments:	N/A				
Photo 7:					
Type of Evidence:	Fight Scene	Hemorrhaging?	N/A		
Location on Carcass:	N/A	Side of Carcass:	N/A	Canine Spread (mm):	N/A
Comments:	N/A				
Photo 8:					
Type of Evidence:	Scat	Hemorrhaging?	N/A		
Location on Carcass:	N/A	Side of Carcass:	N/A	Canine Spread (mm):	N/A
Comments:	N/A				

CONCLUSION:

Species Causing Damage:	Mexican Wolf	Other Species:	N/A
Cause of Damage:	Confirmed Predation		
Final Review By:	WRO	Final Determination Made By:	Simpson

Describe Any Additional Evidence: There was evidence of a fight approximately 70 yards in length.

Was a Veterinarian Involved in Cause of Death Determination: No

Is Veterinarian Report Attached: N/A

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PHOTOS:

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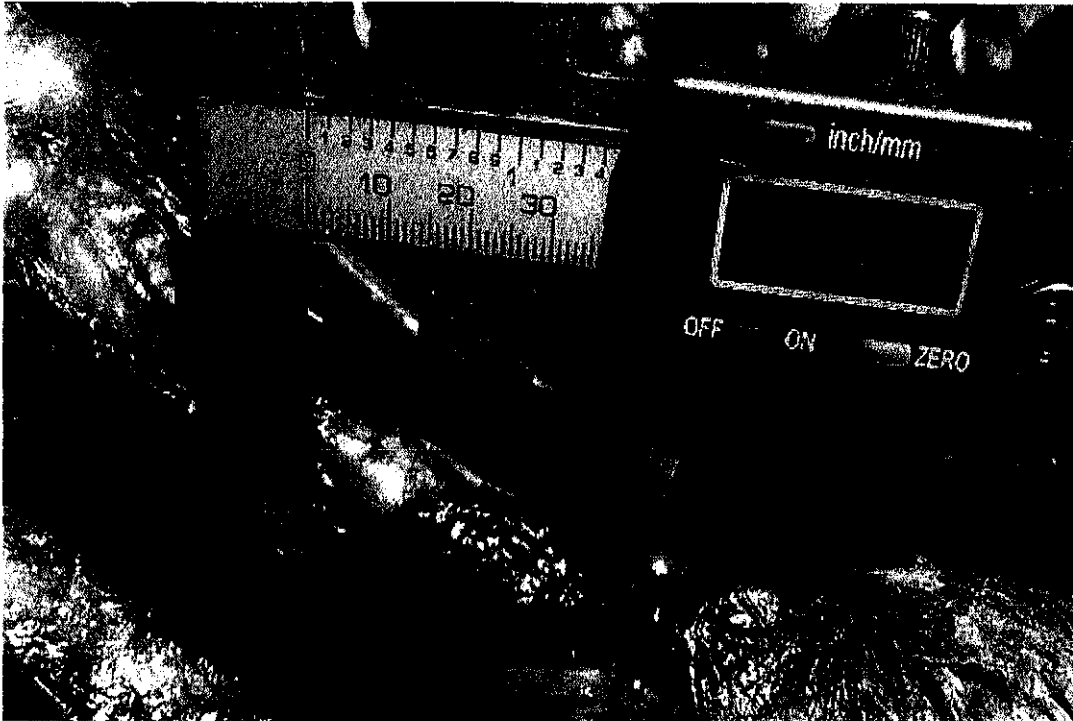


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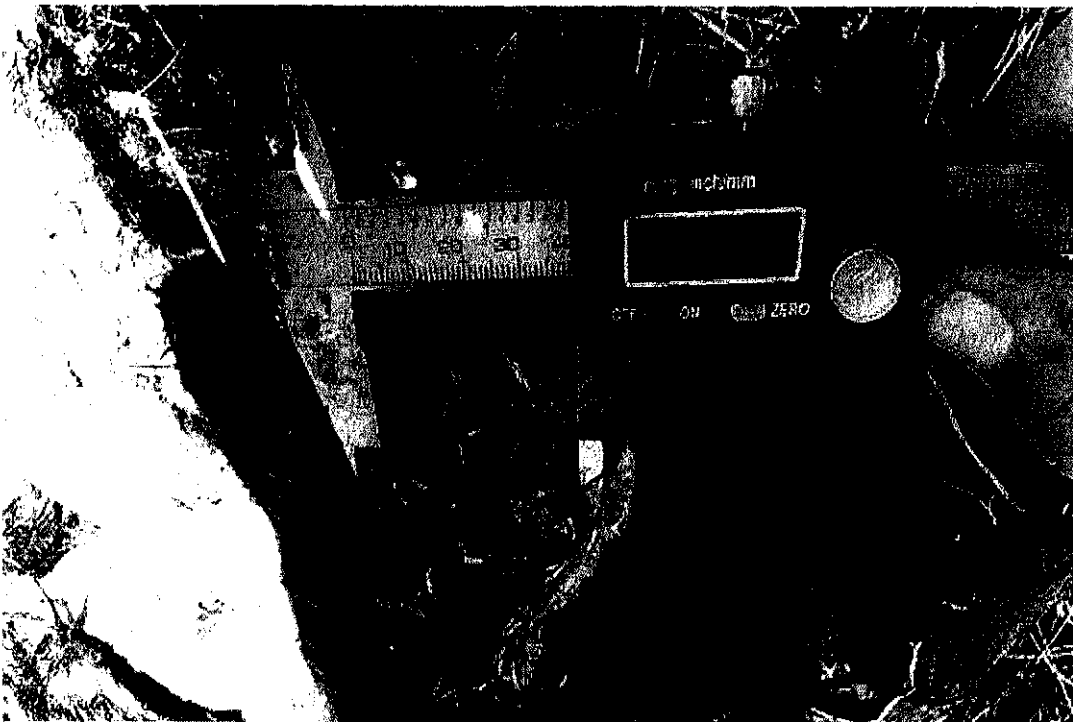


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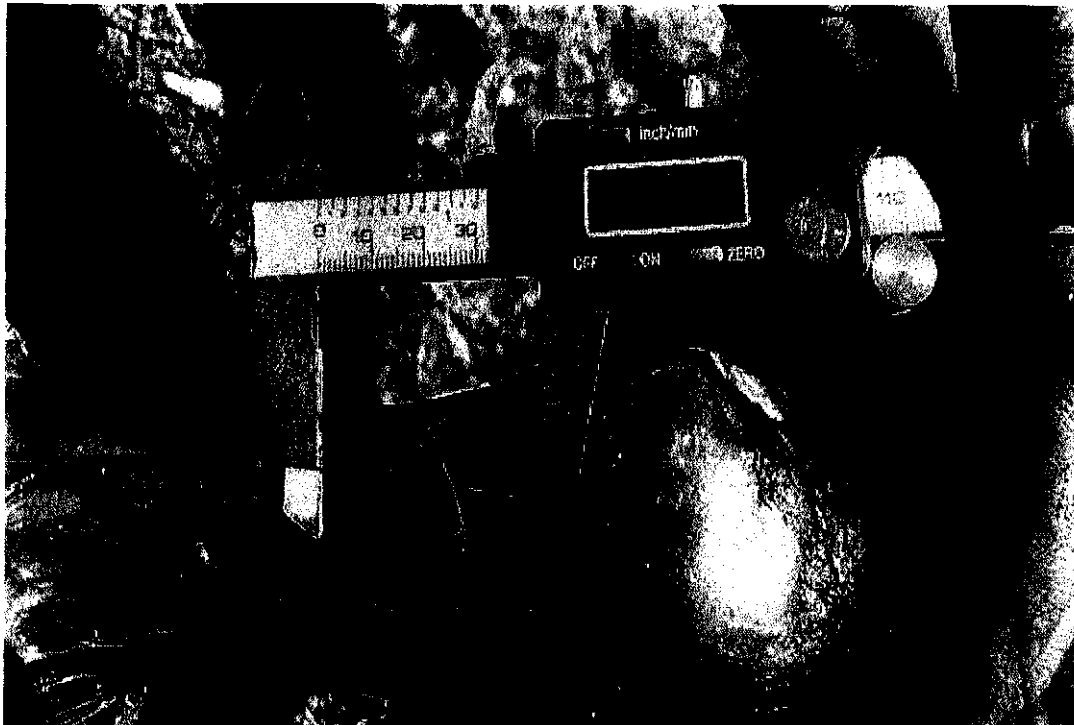


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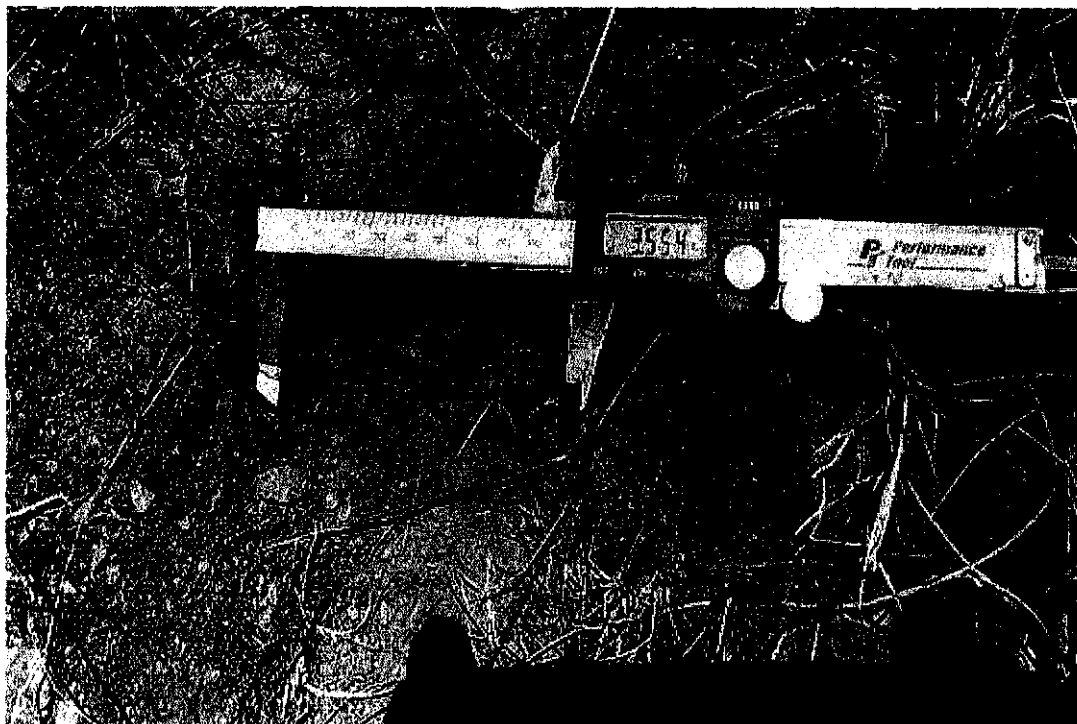


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photo_5-20230716-192931.jpg



photo_6-20230716-193055.jpg



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photo_7-20230716-193146.jpg



photo_8-20230716-193232.jpg



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Arizona Livestock Loss Board
Mexican wolf Depredation Compensation Formulas

Owner: Victor Lopez

Claim Number: 2307270850

Date of Investigation: 7/27/23

Formula Weekly Average

$$\begin{aligned} \text{Feeder Calf Value} &= \text{LM_XB463} = \$ 299.26 \\ &\text{LM_XB463} \times 7 \\ &\$ 299.26 \times 7 = \$2094.82 \end{aligned}$$

Categories

- Feeder Calf: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 7 = \text{Value}$
- Yearling: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 9 = \text{Value}$
- Replacement Heifer: $\text{LM_XB463}^* \text{ Comp. CV} \times 7 + \$750^{**} = \text{Value}$
- Cow: $\text{LM_XB461}^* \text{ Comp. Cutout Value} \times 8 + \$600^{**} = \text{Value}$
- Bull – documented Value

*Source - USDA National Daily Cattle and Beef Summary

Factor - 7, 8 or 9 = weight of CME feeder calf divided by 100

**UofA Study - 1 year investment on range

LM_XB463

Des Moines, IA

July 31, 2023

USDA Market News

NATIONAL COMPREHENSIVE BOXED BEEF CUTOUT - ALL FED STEER/HEIFER SALES

For Week Ending: 7/28/2023

	Compre- hensive	Prime	*Branded	Choice	Select	Ungraded
Weekly Cutout Value	299.26	337.29	309.36	302.69	277.27	268.75
Primal Rib	450.07	557.90	466.59	457.55	378.40	356.60
Primal Chuck	247.89	248.00	249.20	247.71	246.74	243.98
Primal Round	233.08	232.36	235.45	232.12	231.52	231.33
Primal Loin	405.01	525.08	436.37	417.52	348.71	325.20
Primal Brisket	245.98	245.03	250.88	241.90	239.28	230.79
Primal Short Plate	239.58	239.58	239.58	239.58	239.58	239.58
Primal Flank	215.15	226.84	227.08	226.86	190.46	197.80
TOTAL LOADS OF PRODUCT REPORTED			7,120			

Quality breakdown:

Prime	198
Branded*	1,369
Choice	1,979
Select	852
Ungraded**	2,723
TOTAL	7,120

Sales type breakdown:

Negotiated 0-21	2,073
Negotiated 22/up	1,251
Formula	3,552
Forward Contract	246
TOTAL	7,120

Destination breakdown:

Domestic	5,889
NAFTA Exports	164
Overseas Exports	1,068
TOTAL	7,120

Delivery period breakdown:

0-21 Days	5,630
22-60 Days	1,141
61-90 Days	186
91 Days and Up	163
TOTAL	7,120

* Includes all Choice branded. (Upper 2/3rds and lower 1/3rd)

** Includes cuts, grinds, and trim.

USDA Livestock, Poultry & Grain Market News Division, Des Moines, IA

515-284-4460 email: desm.lpgmn@ams.usda.gov

www.ams.usda.gov/market-news/livestock-poultry-grain

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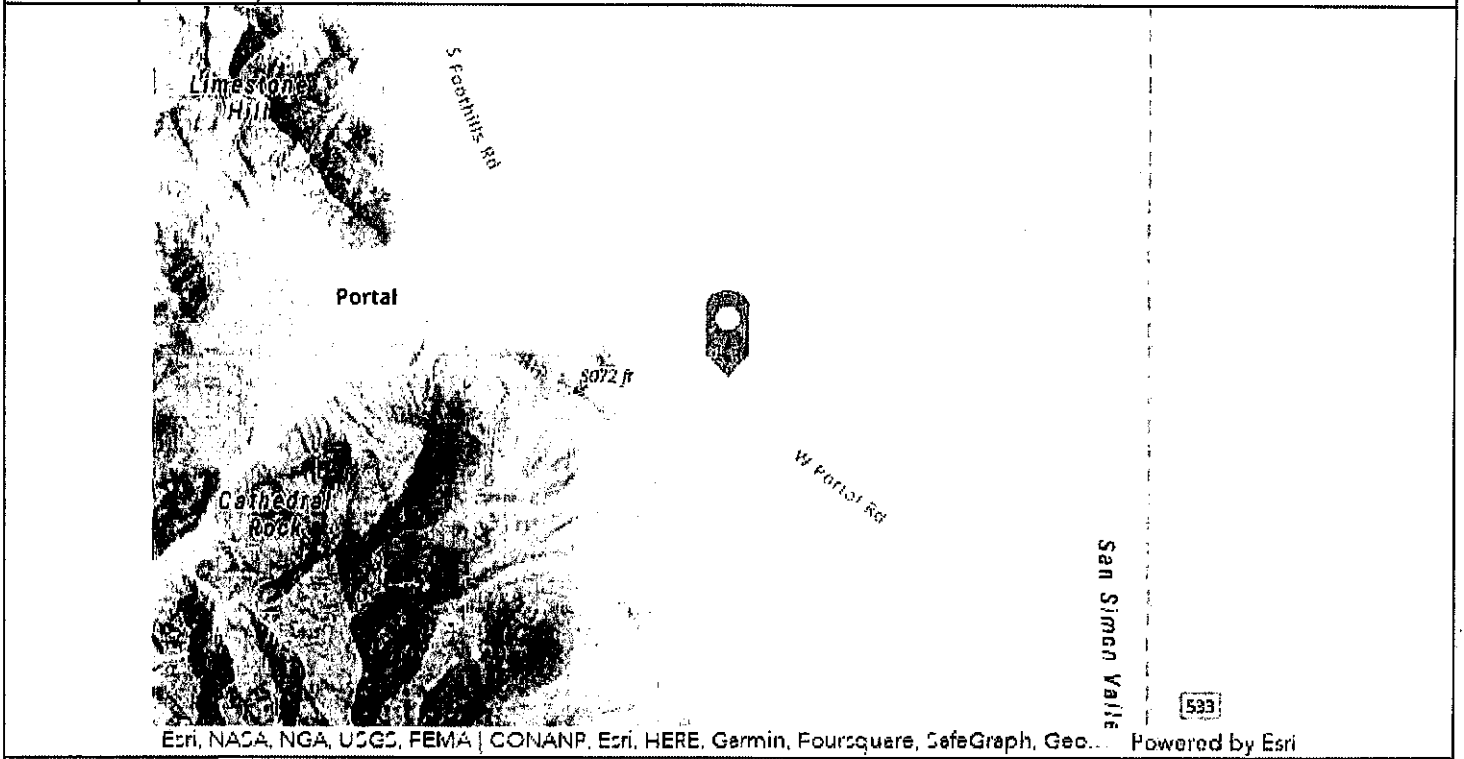
DEPREDAATION REPORT

Rec'd 8.24.23

Lead Investigator:	Sterling Simpson	Other Personnel:	N/A
Date Investigated:	July 27, 2023	Date Complaint Received:	July 26, 2023
Report Number:	2307270850		

SITE DESCRIPTION:

Resource Owner:	Victor Lopez		
Ranch Point of Contact:	Victor Lopez		
Preferred Delivery:	Email		
Mailing Address:	175 Portal Rd Portal, AZ 85632	Email:	trinidadranch19@gmail.com
County:	Cochise	Phone:	(520) 266-0172
Land Ownership:	State	Ranch Name:	Trinidad Ranch
Nearest Town:	Portal, AZ	Allotment Name:	N/A
Approximate Location:	1 mile east of Portal, AZ.	Elevation (Feet):	4,500
General Description of Area:	Mesquite flat.		
Location:	31.90555, -109.10213		



Disclaimer: Text at the bottom of the map references the owners of the imagery.

RESOURCE:

Resource Type:	Calf	Number of Resources:	1
Estimated Age if Adult (years):	N/A	Estimated Age if Juvenile (months):	4
Breed Type:	Commercial	Breed:	Angus cross
Evidence of Birth:	No	Describe Evidence of Birth:	N/A
Estimated Time Since Death or Injury (days):	1		
Damage Type:	Killed	Ear Tag Number:	N/A
Other Livestock in Area:	Yes	Description of Other Livestock:	Other cattle are in the pasture none on the scene.

EVIDENCE:

Detection Method:	Report from Owner/Ranch Representative		
Carnivore Tracks Present:	Mexican Wolf, Coyote	Scat Present:	None
Carnivores Observed:	None		

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Describe Carnivore Observation:	N/A		
Collared Wolves in Area:	No	Collar Number:	N/A
Wolves Reported:	Yes	Describe Wolves Reported:	It was reported that AF1828 was near the carcass on July 19, 2023.
Carcass Hidden or in the Open:	In the Open		
Carcass Covered:	No		
Carcass Moved:	Yes	By Whom:	Ranch personnel moved the carcass to the ranch headquarters.
Drag Marks Present:	No		
Sign of Struggle:	No		
Blood on Site:	No		
Describe Blood on Vegetation:	N/A		
Apparent Point of First Feeding on Carcass:	Hind Leg		
Percentage of Carcass Remaining:	76-100% Some organs consumed, most soft tissue intact, articulated		

PHOTO LOG:

Photo 1: The carcass as it was located.				
Photo 2:				
Type of Evidence:	Blood Evidence	Hemorrhaging?	N/A	
Location on Carcass:	N/A	Side of Carcass:	N/A	Canine Spread (mm): N/A
Comments:	N/A			
Photo 3:				
Type of Evidence:	Bite Mark	Hemorrhaging?	Yes	
Location on Carcass:	Hind Leg	Side of Carcass:	Right	Canine Spread (mm): 37.6
Comments:	N/A			
Photo 4:				
Type of Evidence:	Bite Mark	Hemorrhaging?	Yes	
Location on Carcass:	Ribs	Side of Carcass:	Left	Canine Spread (mm): 37.6
Comments:	N/A			
Photo 5:				
Type of Evidence:	Bite Mark	Hemorrhaging?	Yes	
Location on Carcass:	Front Leg	Side of Carcass:	Left	Canine Spread (mm): 37.6
Comments:	N/A			
Photo 6:				
Type of Evidence:	Bite Mark	Hemorrhaging?	Yes	
Location on Carcass:	Front Leg	Side of Carcass:	Left	Canine Spread (mm): 40.0
Comments:	N/A			
Photo 7:				
Type of Evidence:	Tracks	Hemorrhaging?	N/A	
Location on Carcass:	N/A	Side of Carcass:	N/A	Canine Spread (mm): N/A
Comments:	N/A			
Photo 8: N/A				
Type of Evidence:	Other	Hemorrhaging?	No	
Location on Carcass:	N/A	Side of Carcass:	N/A	Canine Spread (mm): N/A
Comments:				

CONCLUSION:

Species Causing Damage:	Mexican Wolf	Other Species:	N/A	
Cause of Damage:	Confirmed Predation			
Final Review By:	WRO	Final Determination Made By:	Simpson	

Describe Any Additional Evidence: Injuries appeared to have been inflicted prior to the death, as infection appeared to be present in the wound.

Was a Veterinarian Involved in Cause of Death Determination: No

Is Veterinarian Report Attached: N/A

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PHOTOS:

photo_1-20230727-155100.jpg

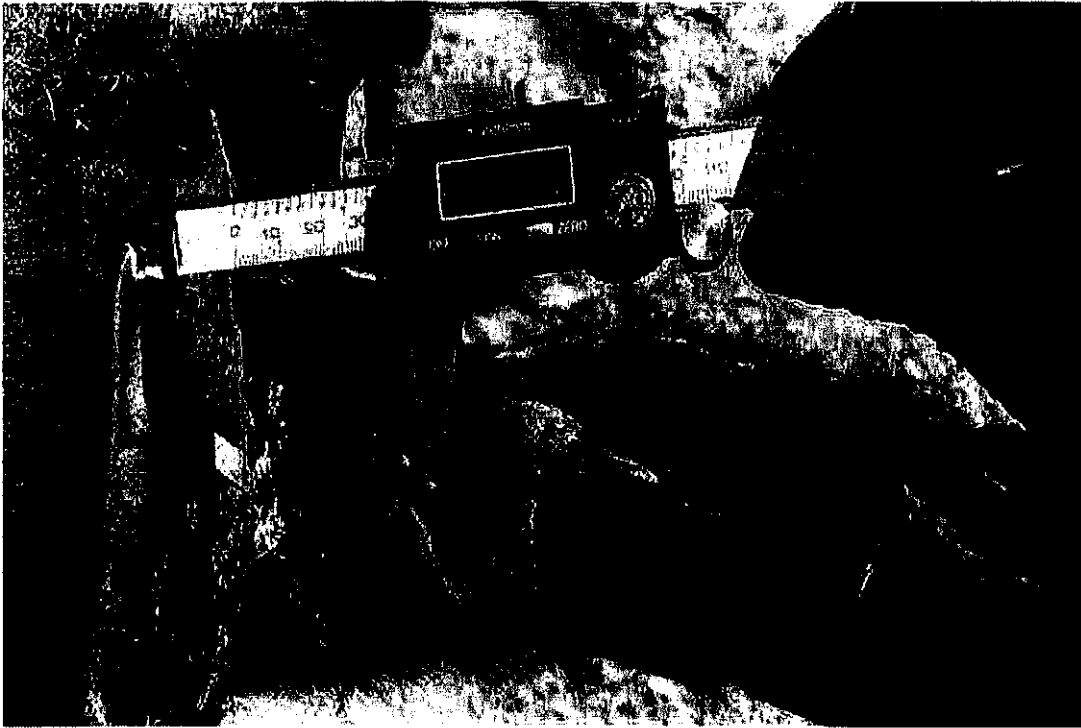


photo_2-20230727-160242.jpg

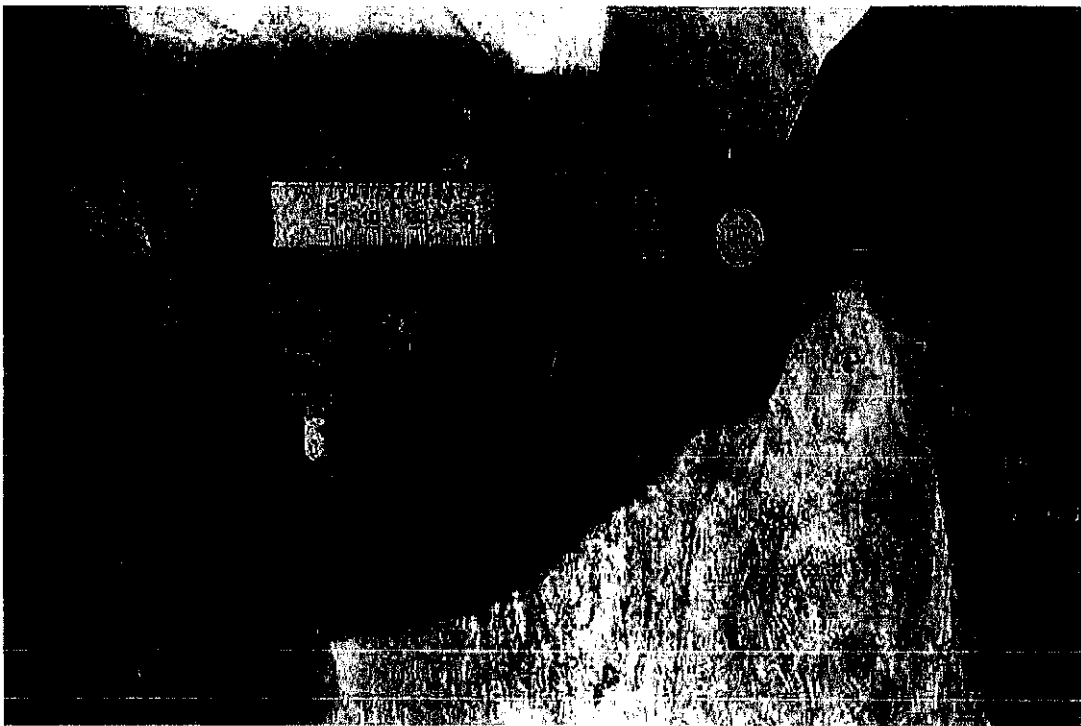


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photo_3-20230727-160920.jpg

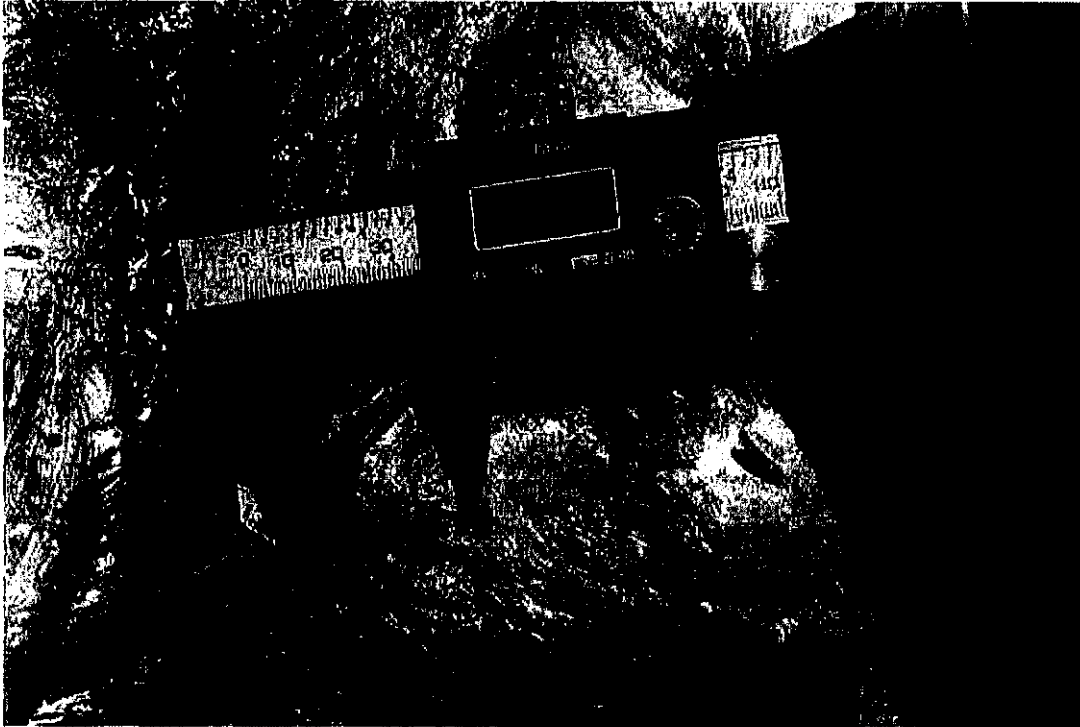


photo_4-20230727-160943.jpg



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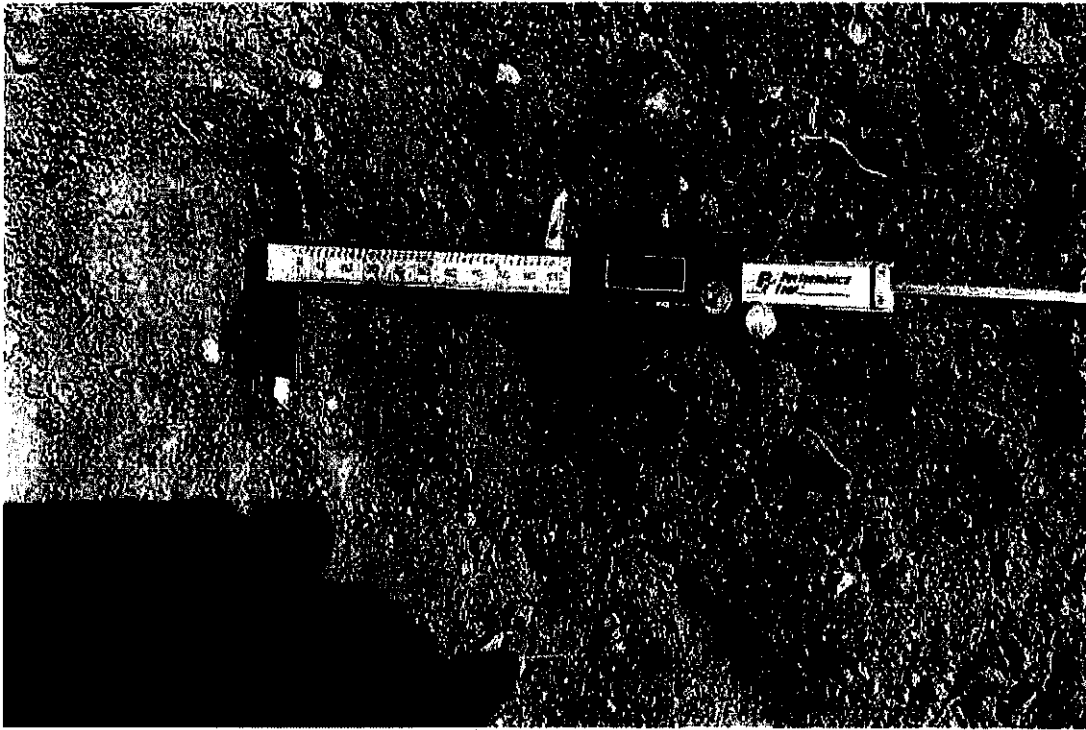


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Arizona Livestock Loss Board
Mexican wolf Depredation Compensation Formulas

Owner: Tom Paterson

Claim Number: 2308050908

Date of Investigation: 8/5/23

Formula Weekly Average

$$\begin{aligned} \text{Feeder Calf Value} &= \text{LM_XB463} = \$ 301.15 \\ &\text{LM_XB463} \times 7 \\ & \$ 301.15 \times 7 = \$2108.05 \end{aligned}$$

Categories

- Feeder Calf: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 7 = \text{Value}$
- Yearling: $\text{LM_XB463}^* \text{ Comp. Cutout Value} \times 9 = \text{Value}$
- Replacement Heifer: $\text{LM_XB463}^* \text{ Comp. CV} \times 7 + \$750^{**} = \text{Value}$
- Cow: $\text{LM_XB461}^* \text{ Comp. Cutout Value} \times 8 + \$600^{**} = \text{Value}$
- Bull – documented Value

*Source - USDA National Daily Cattle and Beef Summary

Factor - 7, 8 or 9 = weight of CME feeder calf divided by 100

**UofA Study - 1 year investment on range

LM_XB463

Des Moines, IA

August 7, 2023

USDA Market News

NATIONAL COMPREHENSIVE BOXED BEEF CUTOUT - ALL FED STEER/HEIFER SALES

For Week Ending: 8/4/2023

	Compre- hensive	Prime	*Branded	Choice	Select	Ungraded
Weekly Cutout Value	301.15	336.65	307.35	302.00	283.05	267.52
Primal Rib	454.87	559.73	465.22	459.36	410.43	352.93
Primal Chuck	249.63	250.09	250.68	249.84	248.68	242.34
Primal Round	235.67	233.72	236.36	233.64	241.20	230.64
Primal Loin	406.89	518.63	426.18	411.49	347.46	326.74
Primal Brisket	251.50	253.10	252.31	246.41	237.83	230.70
Primal Short Plate	233.85	233.85	233.85	233.85	233.85	233.85
Primal Flank	214.73	215.05	226.99	214.92	194.68	195.08

TOTAL LOADS OF PRODUCT REPORTED 6,335

Quality breakdown:

Prime	180
Branded*	1,261
Choice	1,848
Select	770
Ungraded**	2,276

TOTAL 6,335

Sales type breakdown:

Negotiated 0-21	1,854
Negotiated 22/up	1,001
Formula	3,389
Forward Contract	91

TOTAL 6,335

Destination breakdown:

Domestic	5,454
NAFTA Exports	134
Overseas Exports	747

TOTAL 6,335

Delivery period breakdown:

0-21 Days	5,264
22-60 Days	825
61-90 Days	120
91 Days and Up	126

TOTAL 6,335

* Includes all Choice branded. (Upper 2/3rds and lower 1/3rd)

** Includes cuts, grinds, and trim.

USDA Livestock, Poultry & Grain Market News Division, Des Moines, IA

515-284-4460 email: desm.lpgmn@ams.usda.gov

www.ams.usda.gov/market-news/livestock-poultry-grain

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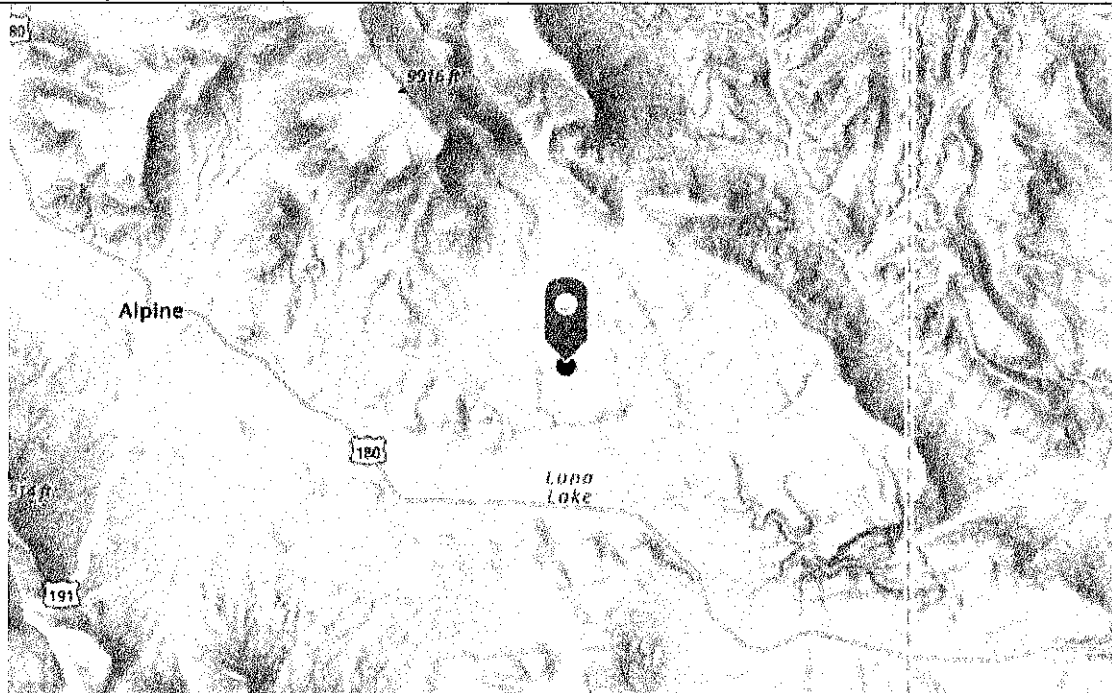
Rec'd 8.15.23

DEPREDAATION REPORT

Lead Investigator:	Sterling Simpson		Other Personnel:	Caleb Garzanelli
Date Investigated:	August 5, 2023	Date Complaint Received:	August 4, 2023	
Report Number:	2308050908			

SITE DESCRIPTION:

Resource Owner:	Tom Paterson			
Ranch Point of Contact:	Tom Paterson			
Preferred Delivery:	Mail			
Mailing Address:	P.O. Box 95 Luna, NM 87824		Email:	N/A
County:	Apache	Phone:	(832) 640-1152	
Land Ownership:	Forest Service	Ranch Name:	Spur Ranch	
Nearest Town:	Alpine, AZ	Allotment Name:	Coyote Whitmer	
Approximate Location:	10 miles north east of Alpine, AZ		Elevation (Feet):	8,077
General Description of Area:	Bottom of a tall timber draw near a dirt tank.			
Location:	33.84246, -109.09184			



Esri, NASA, NGA, USGS, FEMA | Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, MET... Powered by Esri

Disclaimer: Text at the bottom of the map references the owners of the imagery.

RESOURCE:

Resource Type:	Calf	Number of Resources:	1		
Estimated Age if Adult (years):	N/A	Estimated Age if Juvenile (months):	3		
Breed Type:	Commercial	Breed:	Angus cross	Sex:	Unknown
Evidence of Birth:	N/A	Describe Evidence of Birth:	N/A		
Estimated Time Since Death or Injury (days):	4				
Damage Type:	Killed	Ear Tag Number:	68		
Other Livestock in Area:	Yes	Description of Other Livestock:	There were approximately 10 head of cattle at the water source calm and feeding.		

EVIDENCE:

Detection Method:	Report from Owner/Ranch Representative				
Carnivore Tracks Present:	None	Scat Present:	Mexican Wolf, Coyote		

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Carnivores Observed:	None		
Describe Carnivore Observation:	N/A		
Collared Wolves in Area:	No	Collar Number:	N/A
Wolves Reported:	Yes	Describe Wolves Reported:	It was reported that AM1790 was 2 miles from the carcass on August 1, 2023.
Carcass Hidden or in the Open:	In the Open		
Carcass Covered:	No		
Carcass Moved:	No	By Whom:	N/A
Drag Marks Present:	No		
Sign of Struggle:	Yes		
Blood on Site:	No		
Describe Blood on Vegetation:	N/A		
Apparent Point of First Feeding on Carcass:	Hind End		
Percentage of Carcass Remaining:	0-25% No soft tissue, hide present, disarticulated		

PHOTO LOG:

Photo 1: The carcass as it was located.			
Photo 2:			
Type of Evidence:	Bite Mark	Hemorrhaging?	Yes
Location on Carcass:	Ribs	Side of Carcass:	Right
Comments:	N/A	Canine Spread (mm):	40.7
Photo 3:			
Type of Evidence:	Bite Mark	Hemorrhaging?	Yes
Location on Carcass:	Ribs	Side of Carcass:	Right
Comments:	N/A	Canine Spread (mm):	40.7
Photo 4:			
Type of Evidence:	Bite Mark	Hemorrhaging?	Yes
Location on Carcass:	Hind Leg	Side of Carcass:	Right
Comments:	N/A	Canine Spread (mm):	40.7
Photo 5:			
Type of Evidence:	Hemorrhage Spread	Hemorrhaging?	Yes
Location on Carcass:	Hind Leg	Side of Carcass:	Left
Comments:	N/A	Canine Spread (mm):	N/A
Photo 6:			
Type of Evidence:	Hemorrhage Spread	Hemorrhaging?	Yes
Location on Carcass:	Hind Leg	Side of Carcass:	Left
Comments:	N/A	Canine Spread (mm):	N/A
Photo 7:			
Type of Evidence:	Hemorrhage Spread	Hemorrhaging?	Yes
Location on Carcass:	Withers	Side of Carcass:	N/A
Comments:	N/A	Canine Spread (mm):	N/A
Photo 8:			
Type of Evidence:	Hemorrhage Spread	Hemorrhaging?	Yes
Location on Carcass:	Front Leg	Side of Carcass:	Right
Comments:	N/A	Canine Spread (mm):	N/A

CONCLUSION:

Species Causing Damage:	Mexican Wolf	Other Species:	N/A
Cause of Damage:	Confirmed Predation		
Final Review By:	WRO	Final Determination Made By:	Simpson

Describe Any Additional Evidence: A fight scene was present.

Was a Veterinarian Involved in Cause of Death Determination: No

Is Veterinarian Report Attached: N/A

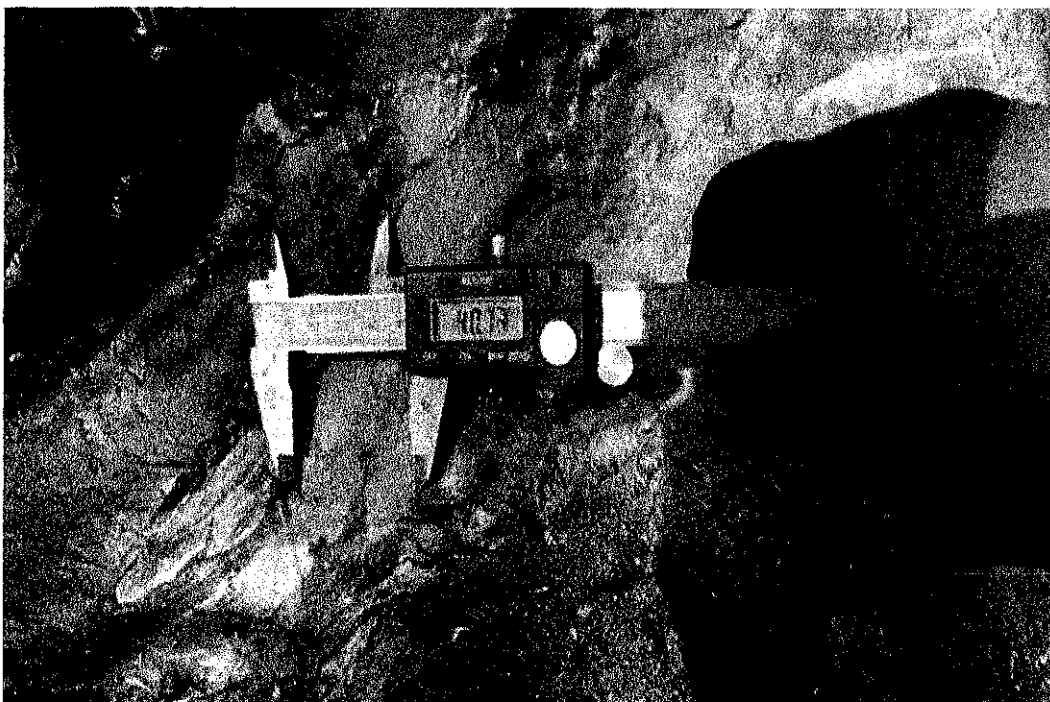
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PHOTOS:

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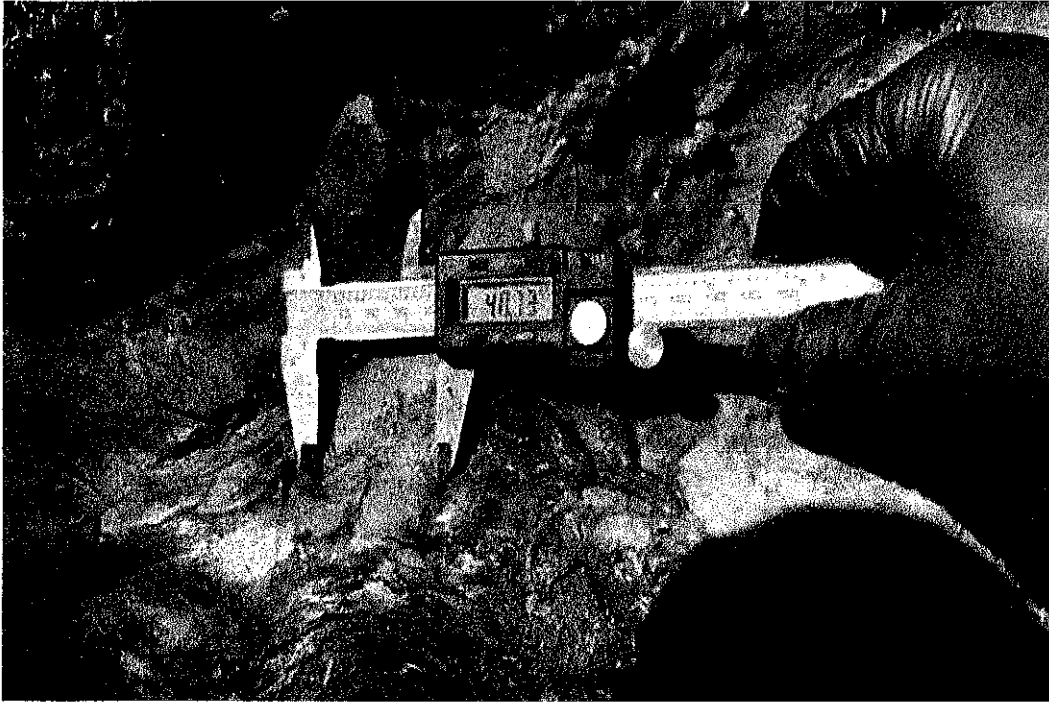


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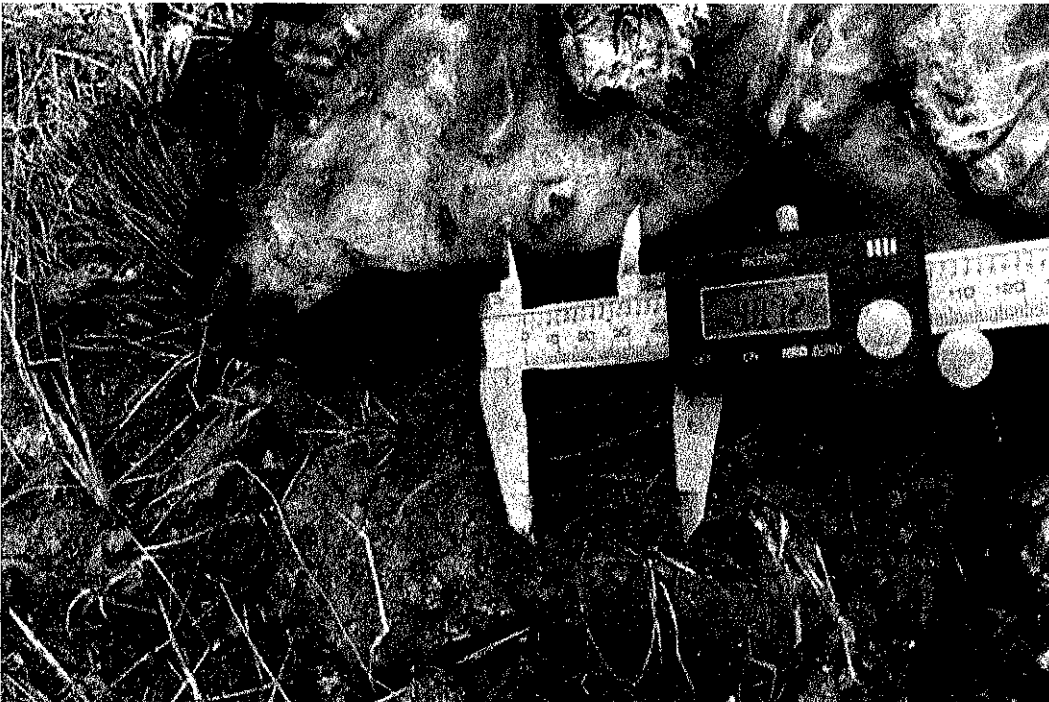


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