Resource Owner: Tom Pa	tterson											
Mailing Address:												
Phone:	County: Ranch Name: Spur Ranch Cattle											
							11					
SITE DESCRIPTION:		_		_						_		_
Nearest Town: Alma Allotment Name (if applicable): Alma Mesa Allot.												
Approximate Location:												
	oordinates: UTMN: N33 27.987 UTME: W 109 02.672											
Elevation: 6312	Slope	<b>%</b> :						A	spect:			
Vegetative Cover:			~ 1 1			_						
Topography (riparian, S. slope	e, bench, etc.): G	rass	s Land wit	h.	Juniper	tr	ees.					
General Description of Area:												
	6-8-2016					D	ate Investi	igate	d: 6-9-2	201	6	
											_	
Land Ownership: Priva			BLM			tat		ribal				NA F
Type of animal: Sheep	Lamb Bu	11	x Cow		Calf		Horse		Colt	ען	og C	Other:
Number of Selected Animal:	Tuinne d		IIIo	*0.0	70000000	_	Cti	Ilhan	,	Oth	or. I	
Damage Type: Killed	Injured		Ha	ras	ssment		Su	llbor	n	Oth	er.	
Breed: Black Angus												
Ear Tag Number: Sex: F		-		_		_		_				
Sex:   F   Estimated time since death or	injury: Approx.	2 11/	anles	_		-				-		
Estimated time since death of Estimated Age of Resource:	5 year old cow	J VV	CCRS									
Are there other livestock in th				No	0							
Describe (how many, behavio												
I didn't see any cows up close	The ranch manage	er w	as moving	z a	ll the c	ow	s out of th	he pa	sture.			
2 areas of the same of												
						_		-				
EVIDENCE:	+ C	_	Bird		T		Othom					
	rt form owner  Mexican Wolf		Coyote	S	Mt.	_	Other:	Pla	ck Bear	l v	Other:	Dog
Carnivore Tracks Present:	Mexican Wolf		Coyote	+	Mt				ck Bear		Other:	Dog
Scat Present: Carnivores observed in area?			Coyote	_	IVIC	ىر.	ion	Dia	DK DCti	1_1	Cillor.	
Carmyores observed in area:	Describe.											
No tracks in the area												
Carcass hidden or in the open	? Describe:											
Open												
Carcass Covered?	Yes	X	No									
Carcass Moved?	Yes	X										
Drag marks present?	Yes	1	No									
Collard Wolves in area?	Yes		No	J	If Yes,	the	en number	r:				
Blood on Vegetation?	Yes	_	No	4-	Describ							
Apparent point of first feeding				-								
Percentage of Carcass Remaining												
x 0-25%No soft tissue, hic	le present, disarticu	late	ed.									

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:

N/A

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.

I didn't find any bites on the hide.

Ca	nine spread (if	applicable): mm	
Ca	use of Damage	9	
	Confirmed	Carnivore (list Species):	

Probable

Accident

x Unknown Other:

#### ADDITIONAL INFORMATION:

ADDITIONAL INFORMATI	<b>DI4.</b>									
Were photos taken of the site?	х	Yes		No	Attached?	х	Yes		No	
Was a veterinarian involved in	f death d		Yes	x	No					
If yes, is a veterinarian report attached?								X	No	

SUMMARY OF INCIDENT (including preface and actions taken):

I met Jess and USFS on the morning of 6-9-2016 and we went to the sight where the dead cow was. This cow just had some rib bones and legs the rest of the cow was eaten up. I clipped what was left of the cow and didn't find any bites of evidence of the cow being killed. There wasn't much left on the cow to tell if she was killed.



Lead Investigator: Mike Kelly

Resource Owner:	Tom Patterso	on								
Mailing Address:										
Di		I commence	Catron		Deme	h Name:				
Phone:		County:	Catron		Ranc	n ivame:				
SITE DESCRIPTIO	N•									
Nearest Town: Alm			Allo	tment Nar	ne (if applica	ble): Alma Mesa Allot.				
Approximate Location			Tine	tillolle i tal	ne (ii appnea	7 min West Milot.				
Elevation: 6089	11.00.20	Slope	2/0:		UTIME	Aspect:				
	Grass Land w	ith Juniper tre				2 Augusti				
Topography (riparian,										
Topograpiny (inpaniani,	J. 515P 1, 511.	,,.								
General Description o	f Area:									
Date Complaint Recei		016			Date Inve	stigated: 6-9-2016				
Land Ownership:	Private	x FS	BLI	M	State	Tribal Other:				
	Sheep   I	amb Bu	ll x Co	w Ca	lf Hors	e Colt Dog Other:				
Number of Selected A	nimal: 1			n/						
Damage Type:	Killed	Injured		Harassme	nt S	Stillborn x Other:				
Breed: Black Angu	S					17				
Ear Tag Number:										
Sex: F										
Estimated time since	leath or injur	y: 2 Weeks	old appro	х.						
Estimated Age of Res		ears old								
Are there other livesto				No						
Describe (how many,	behavior, cor	nposition, dist	ance from	mortality	).					
I didn't see a	ny cows up c	lose. The ranc	her moved	l most cov	s out of the p	oasture.				
EVIDENCE:										
	Report for	m ourse		Birds	Other:					
Carnivore Tracks Pres		exican Wolf	Coyo		Mt. Lion	Black Bear Other: Dog	$\neg$			
Scat Present:		exican Wolf	Coyo		Mt. Lion	Black Bear Other:	$\dashv \neg$			
Carnivores observed i			Coyo		VII. LIOII	Black Beal Other.				
No tracks around area		100.								
110 tracks around area										
Carcass hidden or in the	he open? Des	cribe:								
omenuo manen vi in me openi sevenivei										
Carcass was in some thick trees in little draw below a dirt tank.										
Carcass Covered?	Yes		x No							
Carcass Moved?	Yes		x No							
Drag marks present?	Yes		x No							

Collard Wolves in area?	Yes	X	<b>(</b> ]	No	If Yes, then number:		
Blood on Vegetation? Yes			<b>x</b> :	No	Describe:		
Apparent point of first feeding:							
Percentage of Carcass Remaining							
x 0-25%No soft tissue, hide present, disarticulated.							
26-50%All organs co	nsumed, a	all or most of qu	ıar	ters consi	med, partial disarticulation.		
51-75%All organs an	d portions	of the hind qua	irte	ers consui	ned, 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:							
All that remained of the cow was dried up hide with some ribs and feet left all the rest of her was eaten up.							

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.

I couldn't find any bites on the cow hide.

C	anine spread (i	applicable): mm	
C	ause of Damag		
	Confirmed	Carnivore (list Species):	
	Probable		
	Accident		
X	Unknown		
	Other:		

ADDITIONAL INFORMATION	:
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Were photos taken of the site?	x	Yes		No	Attached?		Yes		No
Was a veterinarian involved in cause of death determination?									No
If yes, is a veterinarian report attached?							Yes	X	No

**SUMMARY OF INCIDENT** (including preface and actions taken):

Jess called Wildlife Services (WS) on the evening of 6-8-201, he said the ranch manager had found 2 dead cows. I met Jess and USFS at around 10:00am and we all went to the site at Spur Ranch Cattle. The cow was below a dirt tank in a little draw under some trees. I took pictures of the cow at the sight and loaded what was left of the cow in my truck and went to sight #2 where the other cow was found. I clipped the hide on the cow but didn't find any bites on the hide. The cows hide was all dried up there wasn't much left of the cow.



Lead Investigator: Mike Kelly

Resource Owner:	Tom Pa	terson										
Mailing Address:												
Phone:	_	County:				Ranch	. Nar	ne: N/A				
Thone.		County,				1001	11141	in the latest the second				
SITE DESCRIPTIO	N:											
Nearest Town: Lun				Allotment N				N/A				
Approximate Location	n:   5 m	iles west of Luna N	M.	In the San Fra	ncisco a	nd Ston	e Cre	eek conflue	nce.			
Coordinates: N:	33	.83253			10	W:	10	9.03095				
Elevation: 7,550	•	Slope 9	<b>6</b> :	N/A				Aspect:	West si	de of di	ainage	
Vegetative Cover:	Pondero	sa Pine										
Topography (riparian,	S. slope	e, bench, etc.): D	rair	age								
General Description o	f Area:	On the bank of the	ne S	an Francisco	drainage.							
Date Complaint Recei	ived:	6-20-16			Da	te Inves	stigat	ed: 6-20	-16			
								N/				
Land Ownership:	Priva	te X FS		BLM	State		Trib	al Oth	er:			
	Sheep	Lamb Bu		X Cow X	Calf	Hors	e	Colt	Dog	Otl	ner:	
Number of Selected A	nimal:	two			"							
Damage Type: X	Killed	Injured		Harass	ment	S	stillbo	orn	Other:			
Breed: Angus Cros	S											
	[/A											
Sex: Female												
Estimated time since	death or	injury: 6 to 7 da	ys.									
Estimated Age of Res		The cow was appr		mately 7 years	s old and	the cal	f was	approxima	ately 2 n	nonths.		
Are there other livesto				No								
Describe (how many,	behavio	r, composition, dist	anc	e from mortali	ty).							
Approximately ten p						emed ca	alm.					
EVIDENCE:	vil D			7 72:1		0.1	-					
Detection Method:				Birds		Other:	VI DI	1 D	0.1			
Carnivore Tracks Pres	sent:	X Mexican Wolf	_	Coyote	Mt. Lie		_	ack Bear	Oth			
Scat Present:		Mexican Wolf		Coyote	Mt. Lie	on	BI	ack Bear	Oth	ner:		
Carnivores observed i												
There were no carni												
Carcass hidden or in t				41								
	es was ir	a bog the other wa	_									_
Carcass Covered?		Yes	X									
Carcass Moved?		Yes	X									
Drag marks present?	-0	Yes	X		V 41							
Collard Wolves in are	-	Yes	X		Yes, then	1 numo	er:					
Blood on Vegetation?		Yes	X	No De	escribe:							
Apparent point of firs										_		
Percentage of Carcass				1								
X 0-25%No soft tissue, hide present, disarticulated.												
	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.											
X 76-100%some organs consumed, most soft tissue intact, skeleton articulated.												
Describe any additional evidence that is discovered in the area:  There were wolf and bear tracks located in the immediate area.												
Describe hemorrhages claw marks on right h					ng the hid	de or ot	her a	bnormalitie	es (Loca	tion and	d type,	e.g.

Canine marks were located on th	ee of the four le	gs of t	the calf, and no	canine ma	arks	s were located on the bogged down cov	w.
Canine spread (if applicable): mm	38.9mm. 42	.9mm.	42.9mm.				
Cause of Damage: Mexican Wolf.							
X Confirmed- Carnivore (list s	Species):	Mex	rican Wolf.				
Calf							
X Probable- Adult Cow							
Possible							
Accident							
Unknown							
Other:							
							_
ADDITIONAL INFORMATION:							
Were photos taken of the site?	X Yes	No	Attached?	X Yes	ر ال	No	
Was a veterinarian involved in cause	of death determ	ninatio	n?	Yes	X	No	
If yes, is a veterinarian report attache	ed?			Yes	X	No	
CUINANA DAY OF TAICUDENIE (!							

**SUMMARY OF INCIDENT** (including preface and actions taken):

I received a call about a possible wolf depredation at approximately 9:00am on June 20, 2016, I responded later that afternoon. When I arrived at the scene the ranch personnel was present and accompanied me to the location of the carcass. The adult cow was bogged down and it was apparent that she had been there for quite some time judging by the appearance of the struggling marks left in the mud around her; however there was no logical reason for her to have gone into the bog as there was a water source approximately 20 yards to the east of her. It is probable that the reason she went into the bog was in an attempt to get away from the wolves. The cow could not be skinned due to the state of decomposition and the fact she was still in the bog with no way to get her out. While I was in the process of conducting an investigation on the cow the ranch foreman traveled a short way up the drainage and located a calf carcass which he brought back with him to where the cow carcass was located. The calf carcass was skinned and I located canine marks on three legs with corresponding hemorrhage. The evidence that was located is consistent with Mexican Gray Wolf Damage, and led to the conclusion of the cow a probable wolf incident and the calf a confirmed wolf incident.

#### Photo Log:

1. Adult cow in bog, 2. 42.9mm bite mark on calf hide, 3. Remains of calf, 4. 38.9mm bite mark on calf hide





# Catron County Predator-Animal Interaction Investigation Form

Page 1 Case #\_\_\_AP-465

Date of complaint 06-04-2016 Date	investigated: 06-05-2016
Resource Owner: Tom Paterson Ranch Name Alma Mesa	Mailing Address:  Phone: E-Mail:
Statement/Complaint Dead cow found in Cradle	e Mesa Trap on June 4.
	·
Signature Clint Fischler	Date 6-5-16 By Phone
	M ( ) State ( ) Tribal ( ) Other
Description of Area: canyon wash below dirt tank	Nearest Town: Alma
Type of Animal: ( ) Sheep ( )Lamb ( )Bull (X ( )Other	)Cow ( )Calf ( )Horse ( )Colt ( )Dog (no human present) Condition last seen good health
Damage Type: (X) Killed ( ) Injured ( ) Har	assment ( ) Stillborn ( ) Missing ( ) Other
Value of Animal: \$ 1,800.00 , Other los	Male (X) Female Age 3 years Ear Tag # Ear Tag #
Number of cattle in area; 80 pairs, 6 bulls	Present at scene 0
Are Collared Mexican Wolves in the Area: (X) Ye If yes, Was confirmation by IFT ground telemetry If yes, Note I.D. Number/Pack of Collared Mexican	(X) Yes ( ) No was conformation by Aerial Telemetry ( ) Yes ( ) No
Carnivore Tracks Present: ( ) Mexican Wolf ( ) Scat Present: ( ) Mexican Wolf ( ) Coyote ( ) I	Coyote ( ) Mountain Lion ( ) Black Bear ( ) Other Mountain Lion ( ) Black Bear ( ) Other
ken (), E. measurable compression canine spreads broken vegetation(), H. wolf tracks (), I. wolf scat	e canine spreads (X), C. corresponding hemorrhage (X), D. large bones bro ( ), F. blood spatter/trail ( ), G. disturbed ground, uprooted, trampled, ( ), J. attack site ( ), K. feeding site (X), L drag marks ( ), ves observed in area ( ), O. ground/aerial telemetry (x),
Canine spreads documented:	
A: 42.66 mm.Diameter mm.Location: lef B: mm.Diameter mm.Location:	
C:mm.Diametermm.Location:	
D:mm.Diametermm.Location:	
Percentage of Carcass Remaining:  ( ) 0 - 25%—No soft tissue, hide present, disartic ( ) 26 - 50%—All organs consumed, all or most of (X) 51 - 75%—All organs and portions of the him ( ) 76 - 100%—Some organs consumed, most so Time of death 4 days	quarters consumed, partial disarticulated. dquarters consumed, front quarters and neck intact, articulated. ft tissues intact, skeleton articulated.

## **Predator-Animal Interaction Investigation Form**

Page 2

Cause of Damage:	
(X) Confirmed	Carnivore ( list Species): Mexican wolf
( ) Probable	(X) Mexican Wolf ( ) Coyote ( ) Mountain Lion ( ) Black Bear ( ) Other
( ) Possible	(A) Medican (1011 ( ) Coyote ( ) Mountain Blon ( ) Black Bear ( ) Cinci
	ment: Wolf M1398
( ) Unknown	
( ) Other:	
Findings The cow had I	been dead for approximately 4 days. There was canine and bird scavenging. The hair was clipped canine bite sites, rake marks, and/or impact injuries. Canine spread was documented on the left armp
from the cow to expose o	canine bite sites, rake marks, and/or impact injuries. Canine spread was documented on the left armp
Pased on the best availa	norrhage. WS Matt Ellis received ground telemetry on 06-01-2015 that wolf M1398 was in this area. The evidence the cow's cause of death is a confirmed wolf depredation by wolf M 1398.
based on the best availa	ble evidence the cow's cause of death is a confirmed with depredation by with M 1598.
-	
-	
-	
·	
Jess Care	ey
Jess E. Ca	
County Wolf Intera	action Investigator
Officials Present at Scen	e:
Wildlife Services; Mate	t Filis
IISFWS.	
AGFD:	
MGI D,	
Additional Informat	ion: M 1398 was confirmed killing other cattle south of this incident
A SAMILIONAL INIOI IIIAU	

Photo's Page 3





1. Cow – head

2. Cow - rear





3. Bite sites

4. Canine spread 42.66mm left armpit



5. Corresponding hemorrhage