
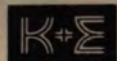




"Rite in the Rain" 
ALL-WEATHER WRITING PAPER

"Rite in the Rain" - A unique All-Weather Writing Paper created to shed water and enhance the written image. It is widely used throughout the world for recording critical field data in all kinds of weather.

BIG CREEK



Keuffel & Esser Company

WOLF-COUGAR

WINTER 1999-2000

82 0020

Weatherproof Field Book

"Rite in the Rain" All-Weather Paper
32 Leaves

4⁵/₈" X 7"

CURVE FORMULAS

$$T = R \tan \frac{1}{2} I$$

$$T = \frac{50 \tan \frac{1}{2} I}{\text{Sin. } \frac{1}{2} D}$$

$$\text{Sin. } \frac{1}{2} D = \frac{50}{R}$$

$$\text{Sin. } \frac{1}{2} D = \frac{50 \tan \frac{1}{2} I}{T}$$

$$R = T \cot. \frac{1}{2} I$$

$$R = \frac{50}{\text{Sin. } \frac{1}{2} D}$$

$$E = R \text{ ex. sec } \frac{1}{2} I$$

$$E = T \tan \frac{1}{2} I$$

$$\text{Chord def.} = \frac{\text{chord}^2}{R}$$

$$\text{No. chords} = \frac{I}{D}$$

$$\text{Tan. def.} = \frac{1}{2} \text{ chord def.}$$

The square of any distance, divided by twice the radius, will equal the distance from tangent to curve. very nearly.

To find angle for a given distance and deflection.

Rule 1. Multiply the given distance by the tangent of the angle or I (ft.)

and divide the result by the radius. The result is the tangent of the angle. To find the angle by .017.

Rule 2. Multiply the given distance by the sine of the angle. The result is the distance from the base of the curve to the point of tangency.

Rule 3. Multiply the given distance by the cosine of the angle. The result is the distance from the base of the curve to the point of tangency.

Rule 4. Multiply the given distance by the sine of the angle. The result is the distance from the base of the curve to the point of tangency.

Rule 5. Multiply the given distance by the cosine of the angle. The result is the distance from the base of the curve to the point of tangency.

Rule 6. Multiply the given distance by the sine of the angle. The result is the distance from the base of the curve to the point of tangency.

Rule 7. Multiply the given distance by the cosine of the angle. The result is the distance from the base of the curve to the point of tangency.

Rule 8. Multiply the given distance by the sine of the angle. The result is the distance from the base of the curve to the point of tangency.

Rule 9. Multiply the given distance by the cosine of the angle. The result is the distance from the base of the curve to the point of tangency.

Rule 10. Multiply the given distance by the sine of the angle. The result is the distance from the base of the curve to the point of tangency.

MINUTES IN DECIMALS OF A DEGREE

1'	.0167	11'	.1833	21'	.3500	31'	.5167	41'	.6833	51'	.8500
2	.0333	12	.2000	22	.3667	32	.5333	42	.7000	52	.8667
3	.0500	13	.2167	23	.3833	33	.5500	43	.7167	53	.8833
4	.0667	14	.2333	24	.4000	34	.5667	44	.7333	54	.9000
5	.0833	15	.2500	25	.4167	35	.5833	45	.7500	55	.9167
6	.1000	16	.2667	26	.4333	36	.6000	46	.7667	56	.9333
7	.1167	17	.2833	27	.4500	37	.6167	47	.7833	57	.9500
8	.1333	18	.3000	28	.4667	38	.6333	48	.8000	58	.9667
9	.1500	19	.3167	29	.4833	39	.6500	49	.8167	59	.9833
10	.1667	20	.3333	30	.5000	40	.6667	50	.8333	60	1.0000

INCHES IN DECIMALS OF A FOOT

1-16	3-32	1/8	3-16	1/4	5-16	3/8	1/2	5/8	3/4	7/8	1
.0052	.0078	.0104	.0156	.0208	.0260	.0313	.0417	.0521	.0625	.0729	
1	2	3	4	5	6	7	8	9	10	11	
.0833	.1667	.2500	.3333	.4167	.5000	.5833	.6667	.7500	.8333	.9167	

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E. Side of Coxeys & trxs to mile N maybe a kill around Wolves
 West side of Coxeys near mouth by Pinnacle rock. Coxeys



- (Treed lion in coxey)
- DATE look for trxs up coxey + up Big Cr
- 2-6 wrote up Kill # 19
- 2-7
- 2-11 Pete + I pack wood to Cabin
- 2-17 found Kill # 16 2 1/2 yr Ewe + Cougar
- 2-29 Ray + Jim flew telemetry (mort-sig)
- 3-1 Holly + I start mission on (mort-sig)
- 3-2 coxey to Crooked Cr.
- 3-3 located dead cougar kills
- 3-4 Monumental to Coxey #19, 20, 21, 22, 23
- 3-8 Jim finds Kill at Coxey location #1
- 3-9 location on #1 (Coxey mouth)
- 3-10 coxey to Taylor
- 3-12 Pete + Jim find Rush ♀^s Kill
- 3-13 Rush ♀^s Kill
- 3-14 locate Rush female up Lewis Cr.
- 3-15 telemetry w/ Ray
- 3-16 Rensch to Cabin - Rush ♀ + Cabin ♀
- 3-17 Kill

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1-03-00

Traveled to Cabin Cr. Holly, Cricket + Penning. Bobcat tracks on Taylor Bridge sheep tracks before cabin cr. coyote tracks at cabin cr. near old Kill.

Heard wolves howl saw 5-8 on ridge above cabin cr cabin road up cabin trail looking for cabin cr cougar ♀ foot signal. Mules very buggy do not like hearing the wolves howl.

* ~ * ~

1-09-00

Holly + I hiked up vinegar hill + along ridge looking for #5 ♀. she always seemed up cabin creek. Saw group of 5-5 + 7 Elk + 5 deer + 1 buck. Picked up C #5 ♀ (possible) tracks in the beautiful Pon. Pine saddle between cliff + cabin. followed trxs until too late - dropped down cliff draw back to bottom. Signal up stream still. Wolves

howl at about 10:30 AM. Jim + Mike came (found Elk hair with lice (Red))

to Cabin Creek. Radioed us at 1pm. at there arrivals. Snowed today about 2 inches ± 3 .

1-05-00

Holly + I rode up cabin cr up to the N. fork of Cabin Cr. #5 cabin ♀ was at the upper part of Y at N fork. Often we were able to get the signal w/ a pencil. I feel that she was above us on the same slope possibly in rocks. I think we spooked her out. Although I do not believe she was on a kill. We cut her tracks from yesterday or older and followed them to the ridge we were at. I do not think that she has killed anything since we first located her. Her tracks were on the trail for a mile or more she knew the trail well, she would cut the switch backs.

1-6-00

Holly + I hiked up Vinegar Hill to get a good vantage pt. on the Wolves & to get a signal on Lion #5 ♀. We hiked to the wolves howl every 3 to 4 hrs. they had also did that last night in similar intervals. Mike found a cow elk carcass off the air strip that the wolves feed on last night. Holly fell into Cabin Cr + squealed the wolves got up from their beds + ran to the top of the ridge. We were then able to see seven wolves 3 dark + 2 light 1 half way between. Lion #5 still up N fork of Cabin were we left her.

1-7-00

Holly + I hiked to top of East ridge that the wolves had been seen or looked for kills. Collected scats. followed tracks, low by elk kill found wolf beds + elk legs 2 front + 1 rear. Clear sunny day. Lots of elk activity

near wolf beds - elk beds inside
wolf beds. checked signal on #5 ♀
she still appears to be up in the
N. jrke of Cabin. On a Kill?

Holly + I talked about doing a spike
camp to keep up with her.
~ wolves howled at noon again ~
come to expect it from them.

Holly got a visual on them. - West
ridge of mouth of conyer creek.
they must have been on the move
when we heard them at midnight
last night. Jim, Mike, + msted
headed back to the Ranch.

We will do a necropsy on Elk Kill
+ leave for Ranch by noon.
Jim will try to fly tomorrow to
get locations again for animals.
~ * ~

1-8-00
AM did necropsy on elk carc. #1
found all legs of elk. took femur
+ skull. did not find Jaw.
investigated tracks around Kill. many wolf.

Across from air strip I am certain that
old cougar tracks going thru the bushes
+ up hill. Tracks had 4 inch of snow
in them. ~ Hiked back to ranch
saw bird activity where cougar er
dumps into flat. Coyote crossed
river and went to where the birds
were. We push coyote away and
investigated tracks. I believe the
two sets of tracks we saw where
coyotes tracks not wolf.

~ * ~
1-9-00
AM Mike, Pete, Holly + I investigate
Bobcat Kill. Fawn M. deer. Kill in last
few days. Bites to skull + upper neck
Kill # 2. Saw Bobcat on Kill.
~ * ~

1-11-00
Holly + I rode from Tay RC to
Cabin Cr. Had seen 2 sheep from
ranch when Jim + I rolled Strip.
Bobcat tracks at Rush Cr fence
on trail.

arrived at Cabin Cr Cabin at night
fall so did Mike + Pete.

~*~
1-12-00

Pete + I Packed Cubes to Coxeey.
Saw wolf tracks at Cave cr. mouth.
Saw tracks intermittent although
to powdery to confirm species.

Arrived at Coxeey creek first two
crossings iced over - mules stopped
to drink at 3rd. As mules were
drinking we spotted wolves coming
down trail towards us about 50m
away. They saw us first and headed
up the west hill. A total 3 light
1 dark. One appeared to be
the injured one hopping on a back
leg. Its tail also looked short.
"stubby" tail they bounded
through the snow up the hill
one white one with a collar
stopped and made eye contact.
Felt like a alpha.

The mules + BO were hardly even

disturbed by their presence.
Cricket was up the lead. She became
concerned after they were gone.
~ We followed the trail + their
tracks to camp. At that time
NOON they began to howl. It
sounded like the east ridge
also had howling wolves on
it to. We got things unloaded
& Pete went to use the open
air pasture as he was sitting
there he saw 4 more wolves
move off the east ridge to
join up with the rest of the
pack. My guess that they were
all coming down the trail &
we split them up 4 east side
& west ridge. And that they howled
to get back together.

Pete + I back tracked them
up coxeey + west ridge 3/4 to top
we found beds + old deer
rib cage. Raven or magpie wing
marks in snow.

Back-

continued tracking up trail to forks ~ found old elk legs and elk hair on top of snow.

Unable to find recent kill. Also found spine + pelvis of old old elk. Picked up 2 seats - fresh - while back tracking. Old elk legs ~ possible kill from earlier this winter?

~*~

1-13-00

Pete + I returned to Cabin Cr Cabin. No signals on wolves at coxey flat or coxey camp.

No new tracks all the way back. Possible lion trx at rock garden from yesterday. Coyote trx at cabin cr. flat around where chukkas were.

~ Holly + Mike found #5 ♀ + her kill see their notes

~ Mike + Pete went back to ranch with stock.

~*~ 1-14-00 Friday

Am Holly + I hike up cabin look at coxey elk kill from west ridge could not there.

Afternoon Jim / Leo finds #5 ♀ up cow cr. wolves - Big Ramsey cliff cr ♀ up cash creek. Can't find Rush ♀

Pm Holly + I get a ground location on #5 ♀ up cow cr. She could be on that side day-bedding away from her kill. Will back track to see if she is still feeding. collected elk seats from group of 12 cows + no calves.

~*~

1-15-00

Holly + I hiked up cow creek - found old cow elk kill off trail (kill #005-1) hiked up + circled around #5 ♀ in same draw as yesterday maybe higher up. hoping to get trx to kill in cabin (just over ridge) did not see any. leaving recent kill alone in hopes she will return.

1-16-00 Jim + el rode up cow-cr. to top of switch backs to look into calf cr. to get location on #2 cliff cr ♀. Found her in same rocks as Jim + Mike felt she was at the day before!

~* Holly + Mike walked in on location from yesterday. Found elk calf Kill cougar #5 ♀ had been on. Investigated Adult cow elk Kill Cr. cabin cr. up from Travis Camp. Apparently, when Mike + Holly brought her off of that Kill she left and made another Kill (calf) and did not return. The first Kill (cow elk) was only partially consumed the organs - heart, lungs + liver.

~* Rode back to Ranch Mike, Jim, Holly + el.

~*~
1-17-00 Day off at Ranch
Jim + Peter flew found #5 + #2 in same places as yesterday.
Wolves in lower lime creek. Rush ♀ in Lewis Creek.

~*~

1-20-00
Saw 27 Sheep on cliff Cr. west of bridge + across from straw barn eating dirt, on bank of Big Creek
1 CI III 2 II rams rest ewes
5 lambs.

~*~

1-22-00 SAT
Rode to Cabin Cr Camp.
Rode up bottom of Cabin did not get signal on #5 ♀.

~*~

1-23-00
Hiked up Cabin Cr. bottom no signal on #5 ♀. Matt got closer location on cliff ♀ #2.

~*~

1-24-00
Packed cubes AM. el hiked to ridge (East) to get signals found signal on #2 ♀ near direction Matt had gone yesterday.

1-24-00 cont.

PM Rode around to Cave Cr w/ Jim Holly + Matt found #5 ♀ just below cliffs at stream crossing. (about cliffs) Jim did walk in.

Saw many Elk Jim has counts in his book.

~*~

1-25-00

AM Holly + I rode to Cave creek cliffs searched sight from 1-23 found nothing.

#5 herd on mid drainage up high on vinegar hill. Was able to get signal from cabin in 4 km.

PM - Returned to Ranch

1/27 flew telemetry with Ray + Jim see flight sheet.

1-30-00 Flew telemetry with Ray + Jim see flight sheet Report.

2-3-00

- Flew telemetry w/ Ray + Holly see flight sheet Report
Pat, Boris, Lew, Mike + Ron in. + located beehives.

2-4-00

- Traveled to Cabin Creek w/ Ron, Mike, Jim. Pete located 3rd Kill on Cabin Cr ♀ #5 (Elk calf) stayed at Cabin Cr.

2-5-00

Traveled to Coxey camp. At East Garden Lot/Can opener found cougar killed cow Elk 5 to 7 yr (Prule est) 70% consumed, hind qts eaten - one leg missing.

Chose was down hill looked as if 100 meters from first place the elk hit the ground. Elk repeatedly got up + fell once again hair #

blood all the way down the attack.
The elk was grazing with others
below rock ledges and to the east
a gradual draw that the cougar
could have approached.

At this time we have not done
a predation kill sheet. Wanted
to leave kill to catch cat off
of it. Only old tracks (tip)
around kill. Got signal from
wolves up Buck Creek. Could
displace lion? Howling?

WOLF tracks at Coxey hole
and on up Coxey drainage and
wolf trax up Big Cr. Went to camp -
rode up to Coxey forks. found
*Kill #13 w/ fresh female lion
w/ kitten. so late in day to run.
See kill form.

~* 2/6/00 ~*

Traveled up Coxey looking for
tracks. Pete saw kill when
he was sent to ridge for signals.
old. Not documented.

Afternoon - traveled up Big Cr.
to Lime Creek. Many wolf trax
along the way, coyote + bobcat
one large Tom Cat track.

On Return to Coxey Camp on
3rd Creek crossing (same as wolf
sighting) Mike + Ron saw two
kittens cross the trail. Turned
out dogs in hopes to tree 'mom'.
Tree kitten to small + tree climb
to risky to do. Returned to
camp.

~* 2/7/00 ~

Wrote up Kill #19 at Garden
Creek. Returned to Ranch.
Mike checked signals along
the way said that he did
not get any.

~* 2/11/00 ~

Pete + I pack wood to Cabin Cr.
on the return we see about 5 sheep
in the gorse neck trail a few rams.
2 coyotes lower down the trail.

* On the way up to Cabin saw bird
activity 1/4 mile up the trail from the

Ranch. On return trip bird activity still there.

~ On the way up saw movement that could have been a cat.

Cricket + Daisy also saw it.

~* 2-17-00 ~*

Renan, Rene + Teresa all went to investigate location of bird activity from the Itch. Found Ewe in talus slope. Refer to kill # 16.

Found coyote beds + scat "3" curved ~ 10m from kill.

Found coyote hair in beds.

Also tree scratching.

Rene hiked around further and found a coyote carcass from last year. Bones very bleached white. Up slope about 100 yards from lamb kill. Almost complete skeleton of cat. Small lion not sure of age at death but it had a broken canine. ~ Collected all bones of lion.

collected femur + skull plate + horns of Ewe + mandible

~*~

Feb. 29, 00

fly telemetry with Ray + Jim. located all animals. #1 lion ♂ Dewey meadow,

#2 up monumental at Camp Cr.

#3 1 1/2 up Crooked Cr mortality signal.

#4 Bush ♀ W. of Goose neck

#5 Cabin Cr. ♀ at cabin creek

Wolves up towards root ranch

See location sheets for flights

~*~

3-1-00

Holly + I ride to Covey camp

~ mission to find #3 lion ♂

(mortality signal) Get signal

on wolves west of Lockhart basin

Penny smelled them and did not

want to go. Wolf track on trail

all the way to Cave fresh.

then we picked up old ones

around garden creek + old horse

carcass all the way to Covey turn off

Got signal on Rush ♀ in draw
by Cabin Creek corner of
Brown's basin ridge. Not too far
from where a few miles.

As found Kill west of Taylor
gate ~ Called Jim on phone
He did the Kill eval form.

~*~

3-2-00

Coxey to Cougar #3 ♂ Saw 5 kills
along the way stopped + evaluated
them on 3-1-00 on return trip.

see that day ~ Wolf tracks intermittent
on the trail and along Big Creek ice
from where we got their signal goose
rack all the way to Cave Creek.

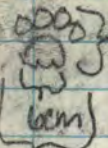
A little ways up from Cave Creek (1 mile?)
we encountered older wolf tracks that
continued up to Monumental and then
maybe one wolf track 1 mile up Crooked
Creek trail. Mule travel ended 1 mile
west of mile flat. lots of moose sign
at Monumental

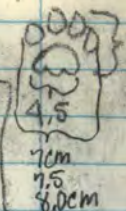
~*~
3-3-00 (Kill #29)*

Cougar #3 ♂ Kill - Dead off of old road
Kitten tracks all along riparian area and
trail all the way to where the dead
cougar was. Possible wolf track 1 mile up
Crooked Creek trail. ~ Cougar #3
was found dead 2+ miles up Crooked Cr.
He was right off trail under some brush
he was partly buried with some sticks
and pine cones - He had a broken canine
blood all over face + mouth. Gashes on
nose head + back leg. Canine punctures
in his skull. found cougar beds and

collected seats. Kitten trxs

#33 measurements from

paws  9cm
from rear foot
frozen

 7.5, 8.0cm
4.5
7cm
7.5
8.0cm

Stride
= 22cm
heel to
heel
on top of
crust

8cm
est trx alone crooked creek trail small
like Kitten w/ 23cm stride

~*~
3-4-00 Trip from Monumental to Corey
Evaluated 5 Kills

#19 Elk - Old carcass - only hide, pelvis
humerus, uha, hair pile, gut pile, wolf seats
to old to assess very well. - wolf trxs
on top of crust.

#20 Elk cow - 7 days since death est.
very old cow teeth in bad condition.
hide peeled + tined. Road + drive down
hill. Wolf fur on tree by gut pile
and wolf seats in area along with
tracks. Possible lion kill taken
by wolves? Difficult to see hemorrhage
based on what was left.

#21 Kill Mole Deer

mostly consumed in the middle
of the trail. Blood in snow confirms
that it was predation difficult to
tell by who based on what was
left. Wolf sign/trxs and carap
seat present at location.

#22 Moose Bull

up from kill #21 in same bottom
Kill was very old (before snow) hair
& guts under snow. Again based
on what was left and age since
death it is difficult to say who
killed it.

#23 Deer

Young deer eat. days since death
1A. Bones scattered, wolf hair and
old trxs in area. Guts scattered,
hair scattered. hair found under
hawthorns, may have more in
open under snow. found hide +
a few bones in open.

3-5-00

~ Est Ranch

3-8-00

Hike from Ranch to Cabin Creek to meet Jim. 3/7 Pat Boonies located wolves at mouth of Coxeys East side with trxs to mile high. Pat located Cave male #1 mouth of Coxeys West side near pinnacle rock.

~ Jim + I rode to Coxeys camp. Did not get any signals along the way. While at Coxeys camp Jim hiked up the trail + was able to get signal on #1 ♂ to the west. Jim found many wolf trxs and remnants of a cow elk kill.

3-9-00 ~

Jim + I rode up Big Creek to locate #1 Tom. We found him near pinnacle rock old west side of Coxeys. We tried to get close enough to get a look at him but he eluded us. We investigated the area ~ Birds were there but not centrally located.

snowing

We continued up Big Creek to about a half mile from Acorn and still no signal on the wolves. Returned to Coxeys camp and further investigated Elk Kill. ~ Boonies scattered found 2 legs, mandible, skull, a few crunched bones. Lots of wolf trxs a few scats and wolf hair in beds. The carcass is scattered like a wolf kill.

Although we were unable to locate a gut pile. ~ We continued up trail and found trxs leading down from where the wolves had been in January checking their old kills.

3-10-00

Jim + I rode from Coxeys to Taylor ranch, we picked Pete up at Cabin Creek.

3-12-00

Pete + Jim find Rush Creek female kill across from Carver creek saw her on the kill.

3-13-00

Jim + I went up to #49 kill that him and Pete found the day before. The lion exited out of there. Jim + Pete bumped her off the kill. Although there was not much left to eat. Classic cougar kill and cache site. Carcass had been covered with sticks, moss, plucked hair under a fir tree in the meadow. The head, front legs, ribs + hide connected and remaining. Most of the meat was gone. What was left was green, blue. The most interesting part of the carcass was the kill method. The jugular was severed at the base of the jaw. Blood had come out of the ear-ports of blood.

3-14-00

Jim + I ride up towards Rush point. We locate the Cat in bottom of Rush near mouth of Lewis Creek - See 3 Elk, 1 cow, 1 fawn + 1 calf. See 17 deer + 4 fawns + 4 bucks. UTM 665,200 E 993,900 N

3-15-00

Flew telemetry with Ray

- #1 male ~~Not~~ found
- #2 calf or ♀ Up Deer Cr near Simmons air strip.
- #3 Dead
- #4 Rush Creek female mouth of Lewis Creek on bottom
 - * Ray flew right down the canyon he could have spooked her!
- #5 Cabin Creek ♀ same place for the last 4 days way up 1st draw from around the corner.

3-16-00 Thursday

Traveled from Ranch to Cabin Cr cabins.

~ located Rush ♀ high up draw south of Browns Basin. (Rush Pt side)

~ located Cabin Cr. ♀ in same forested draw that she has been since $\approx 3/13A$

* snowed (2 inches) - visibility was decreased to about 200 yards at 5400 feet elevation near Cat.

~ saw group of 70+ elk in Spring Cr. North side below old wolf beds.

~ saw 9 deer near cougar and 4 elk 3 cows 1 yrling.

3-17-00 ~*

Jim flies w/ Pat + locates all animals. I hike up to the draw where the cat has been and I located the kill.

The kill was a deer. Only thing remaining was 2 legs and the mandible. Gut pile was under a 50+ dbh dead fir just big tree up that draw. North facing 14 to 16 inches of snow. South side bare.

2 coyotes had visited last night + this morning, 1 large, 1 small. Many bones from old kills down the draw from kill. Collected Sheep skull + jaw. Cabin Creek female was located curiously up Spring Cr. at 5pm - I have her signal from the cabin.

3-18-00 ~*

I located Cabin Cr ♀ at head of airstrip below forks of Cow + Cat. Got very close then she moved off & she was hunting. Pete looked for Rush ♀ & I had a signal on Rush ♀ in the direction of Cougar Creek Ridge.

3-21-00 ~*

In Am prepared bone marrow for baking 5 samples including dead cougar #30. In PM rode to Cabin Creek saw many elk and deer collected 30 droppings from

A group of 22, 18 cows, 4 calves
1 calf was a bull. Holly collected
one poop from a cow she saw
pooping that makes 9 total.

See Holly's book for the game
count of the day.

3-22-00 ~*

Am rode up cow cr. located cabin ♀
in forks of cow cr. I got a
visual on her in the bottom/
reparian. We could hear magpies
and we saw two Ravens. I

2:00pm "Doug" ~ a hard hunter
stopped by cabin to say hello
+ we gave him the scoop on
what we were doing.

5:30 ~ we went out on an
Easter egg hunt ~ we collected
8 or 9 poops from known cows.
~ we watched them until we
saw them poop.

~* Back in the reparian near the
cage we found an old cow
elk carcass. Holly collected a tooth (I)

Kill #30 ♀ *Snowing*

3-23-00 ~*

Am - rode up cow cr. located #5 ♀
in same location as yesterday.

Ravens were still present at location
it snowed hard while we were there
~ 2 inches. We recorded an old doe
deer carcass off of the trail.
Kill #30 form. Bear scat on top
of gut pile. Havel to tell if it
was predation or winter kill.

3-24-00 ~*

Holly + I rode up cow cr. located
lion at same telemetry spot. decided
she was at same location (kill)
and we left. We went back to the
ranch.

3-25-00 ~*

I hiked up to Cabin Creek
and then up cow creek to locate
#5 ♀. She was at same telemetry
location so I left her.

3-26-00 ~*

Hiked up Cow Cr. to locate #5 ♀
I found that she had moved
she was on the ridge between
Cow + Cully but lower down on Cow
side. I got her w/ R 100 pencil at
3.5 gain. I followed the hound
hunter tracks all the way up to
the switch backs, at which point I
cut off to go to the Kill.

The Kill was an Old Doe mule deer
with very bad teeth. The cast head
close to 100% consumed it.

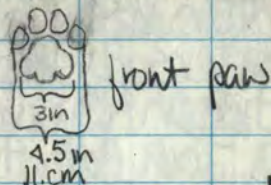
She was in the bottom next to
the stream. She was bedded next
to the Kill under a small
Engelmann Spruce tree. She had
been going over to an old
stump and sharpening her
claws. I found a ^{doe} leg over by
the tree hollow + I had seen her
at on the 23rd. The hide had
been plucked but not much more
than that for cover material.

snow melted out to much to see
the chase scene.

As I was writing up the Kill I
heard hounds tree not more than
a quarter mile. I pulled out the
telemetry gear. But I was no one
we knew. So I hiked over to
the hounds. they had treed a
Bobcat. After visiting, one of the
other hunters yelled from the
ridge between Cabin + Cow that
he had a Tom Cat treed.

Dusty Voder invited me to go to
the tree also. So I went.
We made it to the tree 2 hours
later. They had a nice Tom.
He was 100+ pounds with very
nice teeth. He had lots of fat
on him. His paws only had one
claw cut in the pad. His coat was
in very nice shape. I took many
photos of his teeth and body.
I cut into the stomache it was full
of deer hair and meat about
5 pounds in the stomach. + tapeworm

The hunter from Texas Barrel just took the hide & head. This was a guided trip, the guides were Dusty Hodler, Ross Hodler, and Dusty's sons Harry Myers & Kidd ≈ 14. They use to guide/hunt for Bob Gillman, Con Horahand & Steve Zettle. They live on the Utah/Nevada border now.



front paw

At dusk the hunters were shooting their guns up Carbon creek.

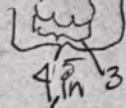
3-27-00 ~*

I hiked back to the ranch I saw 7 cow elk & 2 calves just up stream from Lower basin. Jim flew telemetry and located all animals.

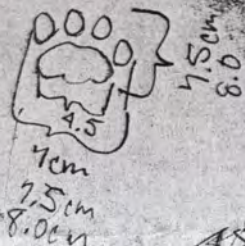
Kitten?
at #38 Kill

Tom/Kill

DDOO



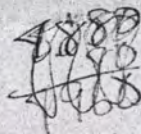
Front



7.5cm
8.0cm

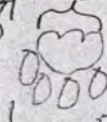
Stride
22 in
heel to heel
(on top of
crush)

19 in
23 in



#381

6cm



9cm rear foot frozen

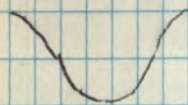
8cm

Cat traps along cr. creek
23 in stride



greater than hitch bone

measure distance
then meas. width
of head, compare
this # to space of
birch canal.



♀

Cow or
doe



♂

Bull or
Buck

*hitch bone

hitch bone + width of head of bone
greater than pelvic opening
= male ♂

Pelvic opening greater ♀