

THIS BOOK
BELONGS TO

LOG FOR TAYLOR
RANCH

10/8/90 - 10-91

Arrive Taylor Ranch 10/5/90 1700

10/8 Monday

Alone. Jeff and Phil flew out 1010. gorgeous fall day. Thorough cleaning Taylor Cabin living room - windows, rugs, stove glass. Moved table in front of window. Got Aladdin lampworking. Picked up around yard, moved propane tanks around, picked up big burn barrel, swept out outhouse. Saw 3 mule doe early. Mules & stock sticking around. Anti-freezed duplex toilets. Drained most hoses. This place is paradise. Cassiopeia in the north 2100.

10/9 Tuesday

Overcast most of day. Washed all rest of windows, in & out, Taylor Cabin. Let's in waning autumn light. Hauled food out of lab, Arlo cabin, couple loads

from cookhouse. Cleaned out cellar - at least 6 rat nests! Started stocking shelves with all canned goods. Only rat proof box already full of cereals. Will use misc. tins. Heard coyote about 0600 - on north slope - probably benches. Picked up around L. cabin, building junk.

10/10 Wednesday

Trying to keep mules + stock off airstrip all a.m. Cloudy day - completely overcast, but pretty high early in day. Ray A. flew in mid-afternoon w/ Ray Guse and mail. Hauled up rest of food. Word rat very bold - heard him (her?) crunching, shined light in his eyes & he just sat there. Kind of a "pretty" rodent - great tail & whiskers. Bigger than I thought. Too bad they smell so bad.

Some thunder & rain showers
later. Saw 9 ewes.

10/11 Thursday

Spent all a.m. finishing up food storage, doing written inventory - All done! R. Arnold came in, back-hauled (2 hunters at C. Creek, 2 at S. Bar) 2 empty propane tanks, empty gas barrel, 3 bags garbage! Clear and cold early, warmed to perfect fall day. Took afternoon off - hiked up above benches to first peak - great view of Crags, S. Bar, Rush Creek, the ranch. Beautiful. Met Con H. and woman guest on trail. Read Jess Taylor interview p.m. Wonder what he would have thought of all the machinery in here w/ the N.G.说到 the L-cabin & all... wanted to maintain - no machinery.

10/12 Friday

Cloudy, threatening rain all day. Windy. Got east side duplex all cleaned & supplied for 2. Looks good. No call from Jeff.

10/13 Saturday

Rain early a.m. (0500) Cloudy & damp most of day. Finished duplex - did west side. Did written inventories for both.

10/14 Sunday

Finished up few odds & ends w/ duplex. Moved 2 spare beds w/ mattresses down to old rabbit house. Clouds hanging on peaks till 1430 or so, then rain. Saw coyote (female) cross airstrip, go up behind woodpile, up hillside. Laundry with wash-board a real chore. Talked to Jeff a.m. Bill Hickey in town. - mules out for 5 days - back Fri aft for 4, then gone for good.

7 mule deer by lab - does + couple $\frac{1}{2}$ grown fawns - in p.m., in mist.

10/15 Monday

Busy traffic day in the wilderness.
(I see more people here than ever on my lookout!) First, B. Hickey + Midge arrive 0930, flying w/ Wilderness Aviation (83V, Tim Keogh, pilot) Caught up mules - put Rocky + Top in corral. String packed out to Waterfall Creek. Then Mario arrived, left 2 packed horses here for couple hrs. Then 3 back-packing help hunters from Emmett going up Pioneer Creek. Then M. back to p.m. horses. In between, got outside + kitchen cleared + set up in Arlo Cabin. Kitchen inventoried. Mostly cloudy all day - broken sun aft - but fairly warm.

10/16 Tuesday

Message from Jim Atkenson this a.m. They bought the mules, so keep corralled, hayed, take good care of, etc. OK. Rain a.m.

Finished w/ Arlo Cabin. Hail showers aft + early p.m.

10/17 Wednesday (on first bench 1100)

Saw 11 ewes, 1 lamb early. Coyote bothering one. Didn't have glasses so couldn't observe closely. Hauling water for mules twice, three x a day.... R. Guse w/ Arnold said for sure to keep them corralled. Mail in.

Did written inventory for A. Cabin. Clear and sunny a.m. Clouded up aft. Hiked a ways up Pioneer Creek late in day. Fall colours lovely. Hunters back w/ their ram. Used radio.

10/18 Thursday

Got started on lab. Cleaned around yard, back porch, kitchen area. Cloudy, warm, humid.

10/19 Friday

Really windy last night. Must have rained overnight - everything very wet am. (.08") 85% broken cloud cover. Snow dusting 6900' or so. Stored all aluminum folding lawnchairs in rabbit house. 3 muleys sponging across the pasture till they spotted Rocky + Top in the corral - then a 180° and back into the woods! Continued working on lab. Really dirty. Taylor International Airport today. ³ Planes in + out. R. brought in 2 full propane tanks. Took out couple bags trash. B. Hickey, crew (+ stock) in, flew out. 2 trips. Talked to Jeff as scheduled. (9 hunters in at S. Bar - hunting up cliff creek for sheep + at S. Bar)

10/20 Saturday

Saw hunters both a.m. & p.m.
(Vic Hart plus party of 2) Will be
here 10 days. Clear, cold, sunny.
Continued working on lab, which
seems to be taking forever. Got $\frac{1}{2}$
fire extinguishers together down
at strip to fly out for check. A
hassle with 2 miles in, the others
out. Everybody wants to be
where they're hot!

10/20 Sunday

Overcast again. Crunchy, frosty
grass - ground frozen a.m. Cold
overnight & a.m. temps, but all
flowing water & pipes fine so far.
(daytime warming to 45°)

Still working on lab - living
quarters part of it now - waxed
floor of lab space - looks good.

Patty S. + Patty S. showed up
late afternoon (F.S.) to take

Lankham

a few pictures of Landham (?sp) Cabin. Checking on hunting camps. (3 guys in Cliff Crk, 2 w/ horses at goat Mdw, 6 on airstrip - Soldiers Bar). Also one way up Cliff Crk (Coni). Didn't stay long - needed to get to Cabin Creek by dark. Light drizzle evening. Snow up high.

10/21 Monday

Two men (hunters?) rode down to end of airstrip about 0900 -

Gorgeous day - obsessed with lab - finally done with it! Clean, clean, clean. Written inventory done on both living quarters + science lab. Holly + friend flying in tomorrow to stay overnight + take mules. Will get mail then instead of Wed. Forgot to mention got .16" rain this night (last night). No visitors or company - yah! Bird in the kitchen

~~10/23~~ Tuesday stovepipe pm -
glad it got out by itself. I
couldn't figure out what
to do!

10/23 Tuesday

Sunny warm a.m., then clouded
up some. Sealed west and north
sides / base Lanham cabin.
Caulked west side. Did written
sheets, blankets, sleeping bags
inventory. Bird was still in
stovepipe - finally rescued - didn't
look too good, but flew off -
starling, of course. Holly +
friend, Harriet, Akenson in late
afternoon, nice evening spent
together - learned some history +
sheep info -

10/24 Wednesday

Holly + H. left early with Rocky
+ Top. Salmon trail crew in early
w/ Wilderness Aviation (Glen, pilot)

Crowder

Dave

for 8-day stint. Dr. ^wCroder + Joe Corlett in at 1000 w/ Id. State Historical Society. (Tess Taylor was his great-uncle!) PR day. Dick Williams (w/ Tim Keogh - Sawtooth Flying Service) stopped in to check + see if needing/using for radio work - Referred to Jeff Yeo at UofI - Trail crew packed up + out at 1230 - Caulked north side h. cabin - stuffed east end, part south side - ran out of silicon caulk. Saw a pileated woodpecker by duplex.

10/25 Thursday

Took day off - gorgeous Indian Summer day - hiked to Middle Fork, went about 2 mi upstream - total 16 mi round trip - whew - big deep green river - flows different, different sound. B.C. gorge in full fall colour. R. Arnold flew over me 6 times (hunter shuttle S. Bar)

10/26 Friday

Winds blowing sc cl by up high in a.m. Heard 4 shots early to east. First I've heard. Must be anxious to get that ram before season ends. Did load of laundry early. Then worked on L. cabin, stuffing cracks, nailing in expandable mesh to chinking. Like the chinking alot! Should complete outside tomorrow, just a little chinking left. Also picked up a bunch of construction garbage. Met Steve (outfitter w/ Con) - 1 hunter up Pioneer Crk. late afternoon.

Stayed p. cloudy all day - S.t. moving in. 6 mule doe at dusk in pasture. [F.S. mules coming back] 10/27 Saturday

4 ewes at 0915 just across the river on trail & below - 2 collared - one old beat-up, most of paint

scrapped off, but looked red - the other definitely green. Heard 5 shots a.m.. Saw 6 ewes early aft - The 4 from this morning may have been in the group ... (didn't have binocs w/me) Chinked outside ^{a lot more than I thought} L. cabin all day - finished except for under 2 windows (?) and one strip way up high on north side I can't get to. Stripped & wired one short wall inside.

Thought I heard noises last night - I did - racoon got into the garbage, so had to clean up & put in can securely (Knew it was a racoon, cause he took the lid off a jar and left ^{clay} ~~no~~ prints in the mustard inside!) Clear. Little wind aft. chilly.

10/28 Sunday

Forgot time change - got up real early. Nice to have the

light early, but it's only 6:30
and I'm having to write by
Kerosene lamps. Chinked.

Outrageous gusty winds today -
almost all the leaves are
down. Cloudy, Steve + I
hurried up Rush Ck.

10/29 Monday

Chinking. No planes, no people -
hallelujah - a day to myself.

10/30 Tuesday

Cloudy off. Chinked a
section of inside wall. Saw
5 ewes and 1 ram! ^(on first bench) Appeared
to me to be 3 yr old w/ almost
3/4 curl. Cleaned out + up
grain shed.

10/31 Wednesday - Halloween

Wind really blowing early (0400-0500)
Warm + overcast - expect rain. 4 mule
doe on path to check for leaves at

water pipe. Evening grosbeak in yard. Cut broken branches and treekoted apple tree. Cleaned up all around bunkhouse & cookhouse (grounds), wood-pile, ^{outhouse}, cleaned bunk house. Light sprinkle mid-afternoon. Salmon trail crew flew out - left mules. Started raining 1730. Peased till 2200.

Thursday
11/1 .27" here. Snow at about 6100. Pretty with bluesky & broken clouds behind. Worked on cleaning cookhouse. $\frac{1}{3}$ done. Ray A. made it in today w/ mail. (Bunny by the woodshed.) He said everything "up top" was white!

11/2 Friday

Another whole day working on the cookhouse. Filthy! Sunny but cold - bit of wind chill. Found white box garbage bags. Males watchin' 3 mule doe across the creek. No call from Jeff.

11/3 Saturday 17° low 18° at 0800

Clear & cold. Leaves rimed with frost, branches in the creek frozen in patterns at the ripples. Duplex not frozen and water box is fine. Another day in the cookhouse - clouded up.

11/4 Sunday

Woke to skiff of snow on ground. Warmer temps overnight.

Grained mules (their grain). 1/2 days work just to clean gas grill & oven! Yuk. ^{Worked att cookhouse.} Everything wet and smells so good - really fragrant. Walked to the bench above Rush Col in the evening - 12 deg. Ominous - looking sky at dusk. Did written inventories for bunkhouse, grain shed.

11/5 Monday

Snow showers / squalls thru out day - none on ground, all melted, tho' there was about

$3\frac{1}{8}$ " this a.m. Planned to finish up cookhouse, but got diverted discovering early that mules were gone. Some guide (I think I know which one) left the gate at the end of the airstrip wide open. Went after them with grain + a halter. Hiked always up ^{cold} ~~go + soaked~~ Rush Creek. Didn't locate. As of 1600, Cabin Creek hadn't seen them either. Word to Bill Hickey thru Glen Combs (who had to sit down here awhile for ^[52H] weather this aft - finally made + out + into Salmon) got ~~word~~ written inventory done for cookhouse.

Spotted a pileated woodpecker and its nesting hole right on the path on Rush Crk, before it crosses the creek. Not 10' from me! Not feeling too well pm. Wood rats raising hell in the attic.

11/6 Tuesday

Jim Akenson stopped by early a.m. (in area hunting) to say hello, drop off a letter for mail plane. Helped me drain and shut down duplex. Took the afternoon off (gorgeous day - cold + sunny) and hiked towards Rush Creek L.O. Didn't quite make it - ran out of time - got to within 1½ mi. Beautiful up high. About 3" snow where I was (500-800 below l.o.) Got home to find mules up behind house. Came home by themselves - truly amazing. About 80 snow geese L headed SW - high.

11/7 Wednesday

So glad drained duplex - 17° last night. A little trouble w/ Taylor Cabin water. Inlet had frozen over - box empty - (leaves + ice)

But got it cleared and running clear to the house again.

Trail crew flew in and went out again. (May have to leave horses + mules here 4 more days!)

Saw a ram-mature - on second bench early - by himself.

4 ewes and a lamb (looked pretty healthy, not coughing, not ~~too~~ skinny) around noon on first bench, going to lick. Ray A. made it in late - had to sit here for an hour for weather to improve in Cascade so could get home - left in snow showers. Jim A. by to pick up letter from Holly. Got heavy old wood bed frame out of lab, down to rabbit shed - replaced with metal folding bed + mattress. Got all backpacking pads rolled + stored in rabbit shed. Hooked up new propane for w.h., stove, lights + dark.

11/8 Thursday

Dammed up all the irrigation ditches - ice floes were building & begin to flood & freeze in pasture. Got ad 5. More caulk came in on mail plane, so did some of that.

Hunter from New York came in to use radio for McCall (Soldier Bar) Clear & sunny, even warm (41°) for short period of time, mid-day. Propane tanks down to airstrip.

11/9 Friday

9 mule doe on bench early. 2 rams w/ 5 ewes - one collared red - on rocks 0930. Just sort of following ewes around. No action. Friges and floor of corkhouse took ad day! One more mop & glo and its done -

really sparkles! Messages from Jeff -
send out harnesses, measure for (nz)
water instead pipe ^(weekly document), FS stock will
be in 14th → 194th. Got up into 10 50's
today - most of ice in pasture
melted off. Ditches dry.

11/10 Saturday

Finished cookhouse! Cleaned
tack shed, behind grain shed.
Cleaned corral shed, shed at
airstrip & behind. Barely had
time to enjoy beautiful day - nice
sunrise & sunset colours. First
starry night in a while. Also got
harnesses bagged up & ready to
go. Busy, productive day -
tired.

11/11 Sunday

Clear and frosty. Talked to Jeff a.m.
Major laundry - serious! Empty
propane tanks (2), garbage,

and harnesses out to Cascade
on backhaul from S. Bar late.
3 hunters (2 afoot, 1 horseback)
1 guide, 2 strings thru
today. Gate at end of airstrip
left open again - will post
sign. Perfectly beautiful day,
really sunny. Frost never
melted on airstrip however,
ground at far end staying
frozen - may not get willows in.
Thin waning moon in sky
mid-day.

11/12 Monday (Audubon's)
Male yellow-rumped warbler
flitting around ⁱⁿ frosty bushes
this a.m. 22° Ice in Big Creek -
on rock bar (opposite end of air-
strip), slow water at edges,
eddies of gullions. Clear mostly -
few hi sc clouds. Got to add

winter wren to my life list - saw one in dry irrigation ditch by water box Pioneer Creek - all puffed up - Also saw pileated woodpecker today. Odds & ends workwise, copied over all inventories I'd just done, closing procedure for duplex to send out to Jeff.

11/13 Tuesday

Thanksgiving Cactus blossom opened today - delicate pink. Got bath mats all washed (by hand) w/ bleach. Switch for solar/battery making a lot of buzzing noise "analysing" ?? Turned power off. Maybe due to battery low - so little sun (maybe 3 hrs day)? Needs charging w/ generator now now. Needs ~~Waged~~ major RAT WAR!

Re-cleaned cellar - piles & piles of leaves - like 3" deep all in NW corner - then went outside & re-mortared all holes, cracks

on entire foundation. Several large ones, obviously front and side "rat doors." Hope I didn't mortar the rat in. May have to trap if did. Steve, pack string + hunters then up Pioneer Creek. Bill Hickey in late att - flying out. F.S. crew + stock in tomorrow.

11/14 Wednesday

Started raining about 1:00
Continued all day + night.
got attic today. F.S. trail
crew spending the night,
couldn't fly out for
weather. Snow level at dusk
looked lowest yet. Stock
here. A big ram running
across hillside early a.m.

11/15 Thursday

Broke hi and broken ^{clouds} down.
Snow level top 3rd bench. About
5000'

2 nice rams above first ^{berth} & early.
8 ewes - one collared but couldn't
pick up the colors - with 1 ram
(one of the same?) not long after.
2nd berth. Woodpile bunny
nearly let me touch it... Wood
rat survives & still creating havoc
in basement - need new tactic?
Trapping not doing it... Trail
crew flew out early. Finished up
attic - burned a million extra
boxes - did written inventory. Re-
cleaned & ^{re-}mopped bunkhouse
(where Trail crew stayed). Got
mail. Guide used radio.

7/1/16 Friday

green and
7 ewes (~~two~~ ^{two} collared - red + green)
w/ 2 rams. Not doing much
except eating. No action. Laundry
a.m. As soon as clothes quit
sticking to the frozen line, they
may dry - hahaha.

Graining + haying stock - Ray
flew 2 full propane in on buck
haul to Soldier Bar, garbage out.
Never got much above 40° all day.
Gonna be clear + cold tonight.
Talked to Jeff.

11/17 Saturday

Another cold day - didn't get
above 36° yesterday - felt same
today. Sun, these Nov days,
hot on airstrip at ael - frozen
solid, frost not even melting.
Ice in Big Creek. Small hunks,
breaking loose upstream, and
floating down. All along edges
+ on rock bar. Too cold to do
projects planned today - finish
caulking, clean chimney, mortar
porch (for rat), chink....
Beautiful and varied hi + lo
clouds - weather (storm)

definitely blowing in. No visitors, hunters, planes, etc. today - yah!
^{SOLO ram, Bon 1st bench afternoon,} Feeling really strange all day - hope I didn't pick up a bug from anyone - To bed early.

11/18 Sunday

High yesterday was 34°. After jumping in Rush Creek at 0830, 32°, ^{deep} mid-chest, thru 3/4" ice to save Amber, who was stuck in a hole and couldn't get out, going under - "the big rescue" — took the rest of day as a Day of Rest. Overcast. Barometer dropping. 2 rams about noon on 1st bench. Not doing much - sniffing grass, tossing heads a little, but no action, no head banging or anything — wonder where all the sheep are? Idaho Fish + Game - Sam Sheppard - Cascade and Larry Jindrish - Boise / McCall, plus a Nat'l Geo guy named José ^{Azel} - (doing article on non-legal game profiting —) see Nat Geo Vol. 80 No. 3 Sept. 1991 pp 106-132

Sam Sheppard 325-8004 634-8731
Larry Jindrich 634-3109 634-8731

stopped in for tea and a chat.
Working out of Cabin Creek.
Call if need them or anything
thru Arnold's - code: we need
some radio collars flown in -
means - fly in now for violations.
Larry thought sheep were just still
up high - hadn't come down
yet or begun rut behavior
cause no snow. He said he
had begun to see just a little
display behavior like I saw
today — I saw 7 ewes 2 rams
on west slope Cliff Creek — heard
5 head whucks!! Finally saw
2 rams butt at each other with
a leap and CRACK! One ewe
collared, but towards dusk
& only had binocs, not scope so
didn't get colors — 2 pack
strings by today — all headed

out, downstream.

11/19 Monday

F.S. in under low ceiling - miles out around noon. Moved 2 full propane tanks up to Arlo + Taylor cabins. Cold, a.m. Warmed up, bit of sun mid-day. Got hay in septic tank. Measured for water in stand pipe - none.

Quiet day. Will finish w/hay around septic tank tomorrow.

11/20 Tuesday

Barometer plummeted and woke to rain (0500). Started snowing at 0900 - covered ground by 1000. Gonna make getting that hay in septic tank "difficult." Winter is here. Snowed 1" - got hay in septic tank area! Yah. Also oiled 1 saddle, 1 decker, before hands got too cold. Broken skies w/some sun aft.

11/21 Wednesday

5 lives (1 collared-red) 2 full curl tanks - complete out

behavior - low-stretch, kicks, butting each other's side, threat jump and clash !! Great.

Bit later - joined by more ewes - now 13. 1st bunch. Datene, mother in group of hunters at S. Bar hiking thru area - her son saw cougar w/ 2 kittens (at about 20') up ^{goat} ~~cougar~~ creek yesterday.

Later yet - 18 ewes 3 rams
2 collared - one red, one blue + red(?)
Got 2 more saddles oiled. No
mail - Raccoon tracks in snow on
airstrip.

11/22 Thursday - Thanksgiving
Barometer up, but still
cloudy. I am so ~~thankful~~^{thankful} today to be here. ~~4~~ strings of
stock out early (0845) headed
downstream. Also heard several
"clashes" early. Got mail today -

a working holiday for Ray & Carol.
Pre-formed mantles came in.

11/23 Friday

Took day off - considerably
warmer tho' cloudy - hiked to
Cabin Creek. Saw 7 ewes, 1 lamb,
2 rams in rocks just above trail,
relatively close. Just curious -
all stared at Amber + me.

Also saw pileated. Most snow
^{gone}.

11/24 Saturday

Overcast - 6 doe, 2 forked
horn bucks just above trail
across Big Creek 0900. Finished
up in the tack shed - cleared +
oiled all saddles, deckers, the
panniers, collar + harness, all
tack. Also moved 50# & 80#
grain out to grain shed to
discourage, at least, not
encourage, mice eating leather.

shop!

Got a start on toolshed. Also picked up a bunch of construction trash around Lanham C. Made a nice seasonal red twig dogwood, sphagnum moss, snowberry & pine cone wreath for front of house - looks nice. 2 large (one about 20, the other about 40) strings of stock moving downstream, mid-day, with e-boy hoops & ki-yis. Nice day - warmer tho' cloudy. A bath and a beer! No snow left just lots of mud.

11/25 Sunday

Barometer falling, really warm early 50° at 0730 and windy, getting ready to rain. Solo ram 1st bench 0930. Stand pipe showed no water. Started raining 1100. Snow at 1830.

11/24 Monday

About $\frac{1}{2}$ " snow on ground.
Finally seeing large groups of sheep. First 20 ewes (one collared no color) 4 rams - one very large full curl - Then 6 ewes - Then (2 collared - one red, one green) 2 ewes 1 ram. All coming down low, below 1st bench, nearly to the trail. Broken skies, lightly snowing a.m. Rams chasing ewes. Worked in the shop cleaning + organising. Cold daytime temps plus wind chill - Snow never melted on ground. Snow melting off roof frozen in "mid-slide" so hanging over the edge, like frozen lace. Everything quite luminous with snow reflecting $\frac{1}{2}$ moon thru broken clouds, a star here + there. Black + white - simplification of winter sets in.

11/27 Tuesday

Made a dam, increased size + depth of "pond" to get winter water from. Finished cleaning + organising the shop / tool shed. Didn't do inventory, as don't know a lot of the stuff - but it's good + neat + clean. Walked up steep hill to benches directly behind house - saw 8 mule deer so tame - fat + beautiful - one so curious - kept coming closer + closer till within 20' to see Amber. Cold. Wind chill. Water still flowing ...

11/28 Wednesday

Barometer taking a huge leap up (from 29.80 to 30.~~55~~²⁸) but can't see any stars early, for clouds. Still rising - hi thin broken cirrus - Mail came in. Cleaned up around woodshed area. Ice forming over

water inlet + "pond" during day.

11/29 Thursday

Just got message to pack to leave Saturday afternoon - so hard to think of leaving a place where I feel like I "belong". High overcast - water still flowing. Warmer temps as front moves in - looks like snow again. Odds and ends of work. A lot of the snow melted today - hills brown again instead of white. Still trace on airstrip and around house, everywhere the sun isn't hitting. Melancholy evening. One river mid-day - that's all.

11/30 Friday

last day here alone... packed up. Overcast, quite windy. Raccoon tracks on trail, still seeing chipmunks - guess they haven't gone into

hibernation yet. Couple dozen Canada Geese scared up off airstrip or by river - first I've seen, circling low as they grouped into >, sunny + windy with ^{bright} snow showers mid-day.

Getting everything ready + listed for Ray g. Almost-full moon rising over rocky cliffs thru broken clouds into clear sky - clarity + purity of cold bright light.

12/1 Saturday

New day, new month - changes. Elk in the lower pasture again early morning - 8 cows, 2 bulls, 1 spike, 1 forked - sort of scrawny coats - "out of shape" (haha) tongues hanging out + panting as they climbed the benches. Gorgeous am - clear

and coldest yet (13°) - water still flowing. Beautiful ice sculptures in Pioneer creek on branches and ripples cleaned washed king sheets for Ray - frozen Taylor Cabin good - mopt gold stiff all hardwood floors. A bald eagle flying low down up the airstrip over my head. Temp only 22° at noon. Decided to turn off water to Taylor Cabin. Later: Well... the best laid plans.... Ray A. stranded in Grangerille cause of storms, can't get home. So it's off till tomorrow. Got water to house shut off (w/ valve in Pioneer Box open instead of closed ??) but have water coming out blow-out valve when open & don't think I should? Temp warmed up w/ clouds & snow so will wait & see if Ray

J. has any ideas before call Jeff.
Wonder about inlet box - water
going into 2" PVC pipe behind
inlet valve - doesn't seem to
be a way to shut off?

A pair of coyotes running across
the pasture & up the airstrip at
1700 in the snow storm.

So glad for an unexpected
evening here. This is a place
for my heart to rest and my
spirit to soar. Peaks obscured
by snow storm as darkness
falls.

12/2 Sunday

1/2" new snow only. Overcast &
snowing on peaks early. Packed up
again. Full moon shining between
peaks upstream, casting shadows
on snow early before dawn -
beautiful (0645). Stand pipe

measured no water. Hard to leave a place you love....

Phancy did a great job while she was here. Sorry Phancy, but I had the job before you.

I spent 3 hours turning the water to the Taylor cabin back on. I'll wait until the pipes in the ground freeze on their own.

Stuffed insulation in the bleed-off box in the orchard and adjusted the lid seal.

Saw 8 sheep on the benches: 1 IV; 2 III; and 5 uncollared ewes.

Unpacked, dinner, and bed.

12/3 Monday

Took the barbed-wire fence down around the lower pasture. Quite a number of barbs had elk hair on them. Cleaned the chimney in the Taylor cabin. Took measure-

ments of the ~~Father~~ Lankham cabin in order to figure out the square footage.

12/4 Tuesday

Took more measurements of the Lankham cabin. Made drawings of floor plans and cross sections. inventoried materials and sent this, the drawings, and a brochure on the "Turbo 10° woodstoves" to Jeff Yeo. I have determined the problem with the fluorescent lights (no light, control box says analyzing while producing an obnoxious buzzing) is a dead battery.

After charging the battery for more than 6 hours the lights work. However, the battery still needs more charging. A chinook blew in about noon today and raised temps. from 20°F to nearly 60°F in less than 30 min.

Observed 31 sheep today, 5 with radio collars, 5 class III or smaller rams.

12/5, Wednesday

Mopped floors in the Taylor cabin. Figured out what fire extinguishers need to go out, once the rest come back in. Started putting a temporary stove in the Fanham cabin, need to steal another elbow somewhere and make some supports for the stove-pipe.

Ray A. flew in the mail about 1:30 AM.

12/6 Thursday

Finished installing the wood stove in the Fanham cabin. Getting ready to chink the west interior wall. The battery to power the lights in the Taylor cabin is still not charged even though it was on the charger another 4 hours today. The lights are a little brighter today. I think I'll charge it a little more before I give up on that battery.

12/17 Friday

We decided we need a new battery for the lights in the Taylor Cabin. The west interior wall of the L.C. is ready for mortar. Jeff called to see how things are going. I saw an airplane and heard a helicopter today - amazing.

12/18 Saturday

Hiked up to the Third Bench this morning. Saw approx. 50 sheep. I haven't seen a large ram since I came in a week ago. Baked chocolate chip cookies. Saw 3 otters in Big Creek right below the main bridge. One was eating a rather large fish.

12/19 Sunday

Cleaned house! Hiked up Cliff Cr. looking for ram's horns. Saw 36 sheep in one herd above the Third Bench, one large ram.

12/10 Monday

Spent the day chipping. It takes a lot more time than I thought. I still haven't finished the interior west wall.

12/11 Tuesday

We had breakup today! This morning chunks of ice were piled up on both sides of Big Br.; all the way up to the level of the airstrip. About 11:00 AM another tide of ice and debris swept down the creek. Big break truly looked like a river for about 20 minutes evidently, the warm weather, of the past 36 hrs., caused the formation of ice dams upstream. The amount of logs, ice, sticks and water coming downstream was amazing. I wish I'd seen the first wave come down because it was even more spectacular than the one I did see, judging by the height ice was pushed up the banks. As

I wrote this, (6:20 PM) a raccoon
just climbed up onto the windows
and was intent on finding a way
in until I rattled the glass with
my fingers. Worked on chinking
again today. Snow level was
down to the 2nd bench this morn
and ~~up~~ back up to the top
of the ridge by evening. A
herd of 39+ sheep is above the 3rd
bench this evening.

12/12 Wednesday

I finished chinking the interior
east wall. Inspected the gabion bars
since the breakups yesterday. The
water apparently rose enough that
ice and debris floated above the
bars and little damage was done.
I opened 2 valves in the box nearest
the duplex so that water flows contin-
uously through the main line going to
the Taylor cabin.

12/13 Thursday

Light snow most of the day, less than $\frac{1}{2}$ " accumulation. I scribed out some boards to fit the contours of the ragged-edged adjacent to the big window in the Zenham cabin.

12/14 Friday

Spent most of the day being basically frustrated. The Zenham Cabin is like trying to put together an old worn out jigsaw puzzle, with many pieces missing, and the corners bent or all the rest.

Jeff called to ask questions and see what is needed.

12/15 Saturday

Hiked around. Found a dead bighorn ewe above the 1st bush. I estimate she'd been dead < 12 hr. She was about 3 yrs. old and seemed to have a dislocated hip, or a broken ~~femur~~ femur. She did

not appear to be emaciated. No signs of predation. She was probably in a weakened condition and the 6°F (here at the ranch) temperatures were more than she could withstand. I can watch the carcass from the Taylor cabin. So far nothing but magpies, ravens and a golden eagle have scavenged the carcass.

12/16 Sunday

The water to the Taylor cabin froze last night. I spent several hours this morning shutting the system down. The carcass of the ewe has been drug off, I don't know to where or what moved it; probably a cougar. Headed down to Cougar Cr.

12/17 Monday

Biz Cr. rose twice today carrying a tremendous load of ice and debris; surprising since the temp. only got up to ~30°F today. I took a few pictures of the event. I disconnected a couple pipes

underneath the Taylor Cabin in order to make sure the water is drained. It finally started snowing this afternoon. A little overflow on the upper airstrip this morning. I had to chip channels in the frozen ground to divert the flow. ~~so~~ I measured the water-level in the Larham Cabin septic system today, and last Sunday. Both times there was no water.

12/18 Tuesday

Jeff called this morning to get some information on the stove pipes in the Larham Cabin. A couple snow squalls came through today, but we still only have ~1".

12/19 Wednesday

The temp. dropped from 9°F to 3°F between 8:00 AM & noon today, plus a stiff wind has blown all day to make it bitterly cold. While working in the Larham Cabin I keep

Having to run to the stove to warm my fingers. No mail today due to the nasty weather. Carol A. told me the mail will come in Saturday with Sarah and Phil.

12/20 Thursday

The temperatures never rose above 0° F all day. In spite of the cold I got 2 interior doors hung in the Zorham cabin. With the woodstove in the Taylor cabin completely open temperatures won't go above 60° F. With the stove shut down for the evening the temperature drops to 40° F.

12/21 Friday

The high yesterday and today was -7° F. The low last night, -18° F. Finished the interior doors in the Zorham cabin, framing them in that is Overflow on the airstrip again so I cut small trenches for it to

drain in. Overflow ~~in~~ in Pioneer Cr. covered ~~the~~ my insulation over my water hole, so I had to chip it out. I haven't seen many animals since the temps. dropped. I saw only 10 sheep above the east knob today and that was it.

12/22 Sarah and I got to Taylor Ranch about 4:30pm - cold, rushed to unlock plane and get food in before freezing. Lumbang Cabin too dark to see anything. Ray did a great job cleaning (must have taken days.) Place was cozy when we got in. Even with stove cranked it was still a bit cold -21° outside, no wonder. Read, ate, Read some more, ate some more, bed.

12/23 Very cold, but pretty -21° Went to Lumbang cabin to check it out (figured it was a bit chilly to attempt cleaning) Ray mentioned stove was enough to keep hands warm but not much else.

12/23 Sarah and I took a walk to Petroglyphs and saw fairly fresh cougar tracks, 4" x 4" just past lower pasture. Watched water angels dipping into Big C. Amazed to see that it appeared they were enjoying themselves as we walk fast and move @ with all our clothes on just to keep warm. Near as we can figure Petroglyphs say Yankees go home. Came back to look @ Ranch, still below zero. -4° F cleaned stove of Ash in Taylor Cabin lit cook stove from coals, a big difference! Toasty in here. Might attempt plastic over wingback in Laham cabin Tomorrow if its just too cold at least 0. R.S. No other wildlife observed.

12/24 Heat wave today - 10° F above. About 10 am this am looked out spotting scope and saw, on the N. face directly opposite us, ~~and~~ ~~see~~ 3 groups of sheep! One of 12 ewes, 1 ram; another of 4 ewes, 1 ram; and the third of 8 ewes, 1 ram. Also 9 elk spread across top of ridge - none antlered. Tomorrow we thought

would hike up there and look around.

Did some work on Lanham cabin - filled in cracks w/ insulation and covered windows w/ plastic. Helped some - started fine; got a little warmer. After Xmas we'll start the real work. Should warm up even more by then.

Dec 25, 1990 Christmas day. beautiful and snowy. Did weather, got set to hike up to top of hills across the way - above cliff creek. Saw 3 elk - no antlers; many sheep from window before we left. Got to 2nd bench, and Dempsey got real excited about being so close to sheep. I decided I better take her back. Phil went on up to the top. He found one deer antler, saw a group of so elk; 2 bulls. Near cougar creek drainage. I found a full elk skeleton - brought head home (no rack). We got close enough to one sheep to see what looked like a white collar - couldn't tell for sure; Then had ham,

potatoes, b-nut squash - Then went out - chopped open ice hole.

Rabbit out front of Taylor cabin and Grouse in aspen eating buds by H2O hole. Temp. up to 12° F

Still lightly snowing. A good Xmas.

Dec 26. Still snowing! Cougar tracks coming over bridge; otter tracks on ice on Big Creek. Lots of Coyote tracks on airfield.

Began work on Lanham cabin. Warm in there now, w/ windows covered and stove going. Chinked and put up ceiling boards. Saw

2 coyotes run across hillside behind Lanham cabin! Dempsey barked at them for hours. Their tracks came right down to wooden gate.

Worked till dark - ~4:30 - 5:00.

Dec 27. No snow this am. Worked on Lanham again; chinking + ceiling board 32° F!! Took walk down airstrip after work - fresh sheep track crossing river, -

airstrip, up hillside. Around 12:00 saw 4 sheep - 1 ram, 3 ewes, below 1st bench - closest we've seen them yet. Traversing hillside, going east.

Supposed to get cold again this WE - hope it doesn't interfere w/ work which is going quite well. Many folks on radio said

Their H₂O was unfroze - I wonder if ours is? Don't think we'll bother to check - it'll only freeze again in the coming cold snap. It's snowing now - 8:10 pm. Wish we brought our skis.

Dec 28 Friday. Expected call from Jeff - none came! Still fairly warm out, ~20°F. Snowed on + off all day. Now about 4" on ground. Uneventful day working in Lankhan cabin; mostly putting ceiling boards up. What a pain in the butt! Sometimes they just will not notch together - but we got one whole slant side done. Chinking is also coming along slowly but surely. Plan to take another long walk tomorrow - Sat - and just work a 1/2 day. So busy

today we didn't even look for wildlife.
- Although I was joined by a fearless
grouse at the watering hole. which,
by the way, is getting lower + lower.
got shower today - The bag in the tub
works excellently! Just a tad too hot,
but very good.

Dec. 30 Sunday. Lazy morning! Eggs +
homefries for breakfast, read some,
just finished baking bread - again.
It must take awhile to really get
the hang of good bread baking.
Mine is somewhat flat and tasteless.
But it does hold cheese together and
that's what counts. Dempsey is barking
at the coyotes again. They seem to
spend a lot of time in the trees
just beyond the east end of the Lan-
ham cabin. Saw them there again yester-
day - 2 of them. They even came
right up just 4-5 yds from the
house - left tracks in new snow -

to sniff the coffee grinds + old apples we had dumped in the veg. garden area!

They don't seem too spooked. Sit in bushes and let Dempsey bark at them for 1/2 hr at a time. Hope she doesn't get beat up before we leave.

Phil searching for a new H₂O source. Ours dried up. Or iced up, maybe I should say. No more H₂O runs down through the hole, anyways.

Walked ~ 2 m west along Big Creek yesterday - Really nice trail overlooking water. Cougar tracks on trail most of the way, plus otter tracks on ice. Saw no elk or sheep, tho. Dempsey snacked on a meadow vole, much to our dismay, and left the remains for us.

Warming up again - 10° F today. Back to wk. tomorrow. Ray should be home this week.

Dec 31 Monday. Worked down at Lanham all day - got quite a bit

more of the ceiling done. Saw 5 sheep fairly low down on the mountain side facing the ranch - 1 ram with 3 ewes and just above them another ram with almost a full curl. Saw the 2 coyotes again behind Taylor cabin. Wouldn't have seen them but for Demp's barking. Temp still ^{comparatively} warm -10-20°F.

Jan 1 1991 Tues. New Years day! Got up to 30°F! Worked all day - I chinked Phil did ceiling boards. Coyote tracks everywhere. Took a walk to the pasture on the N. side of Big Creek FULL of elk tracks and a number of what appeared to be elk beds - crusted snow where they had laid down. Another few feet and the leaning tower of *#!* will be up to the bowl in the outhouse. We'll have to knock it down soon. Cleaned house in honor of Ray's arrival - should be coming in on the mail plane tomorrow. Took our

Second showers of the trip - nice.

The food's holding up well - we eat better here than we do at home. In fact, Teupseg had to go on a diet yesterday she's getting so fat.

Jan 2 wed 21 sheep facing slope.

9AM can't see sexes. Cold again -

0°F this am. But warmed to 20°F.

I chinked all day - Phil worked on walls in the back 2 rooms of Lanham.

Ray came in ~3:30. No problem landing in 6" powdery snow. Some days go slow - long process of preparing walls to put cement in - chipping out old cement, insulating, new wire, nails. Slow. Go faster w/ 3 of us working, I hope.

Jan 3 Thurs. Good days work at Lanham I finished chinking North wall, and Phil + Ray did the walls in the bathroom and back South bedroom. Looks really nice. Home for lunch - female coyote trotted

oot into field in front of Taylor Cabin,
stood for awhile, and then lay down!
staring SW as though looking for or
waiting for someone / something. Started
trotting towards airstrip and ran when
Phil opened door to take her picture.
A Grouse eating dead aspen leaves out
front of Taylor all day. 10 - 20°F
today - bright sunshine. felt warm

Jan 4 Friday

Still working on chinking and
tongue & groove. Sun came out in
the afternoon. Not seeing much wild-
life.

Jan 5 Sat. Figured we'd work through until
we leave while there's 3 of us it goes
faster. Phil & Ray started on the ceiling
of the main room. A little tricky - but it's
coming along. Looks like we'll run out
of mortar mix for chinking - go through
it fast. Walk down to bridge this
morning and on the way back

bumped into the coyotes - They were coming up the airstrip as I was heading for the cabin - ~45 meters from me. They looked at me then at each other; one went back to shifting the snow and the other went slowly into the brush along the river bank. Then the other joined it.

Real cold today - below 0°F this AM and up to 6°F in the afternoon. Hard to keep warm at Canham.

Ray is entertaining us with his guitar. It sounds really nice, in the quiet of the evening.

Jan. 6 Sunday

Putting up tongue & groove on the ceiling while Sarah chinks. Sarah hiked to the top of the ridge above the third bench. Seems a little warmer today, looked like snow this morning but now felt.

Jan. 7, Monday

Jeff called this morning. He wants the model numbers from the ~~refridgerators~~ refrigerators since some are being recalled. We made reservations for Phil & Sarah to fly out Saturday. The tongue & groove ceiling is nearly complete in the Farham cabin. Sarah is still chinking.

Jan 8, Tuesday

Phil and I finished the T & G ceiling in the Farham cabin. Sarah continues to chink. Temperatures got above freezing today.

Jan 9, Wednesday

Phil and I really have one of the bedrooms in the Farham cabin finished - less the flooring. Sarah continues to chink. Two

sheep came down to the bridge across Big Creek this afternoon.

Jan. 10, Thursday

The construction continues.

I talked with Jim Peterson on the radio this morning. He is caretaking North Star Ranch for the next month. Something has been chewing on the $\frac{1}{2}$ of a deer carcass I have hanging near the woodshed. It's either a bobcat or a racoon, probably the former although I don't find any tracks. I put stove pipe around the wire. The meat is hanging from it hopes the animal will be discouraged.

Jan 11, Friday

Phil & Sarah's last day of work. Nearly all of the chinking is done and smooth pine, including trim is

done, or nearly done, in the two bedrooms and bathrooms. Today temperatures were warm enough to open doors as we worked in the Lanham cabin.

Jan 12 1990 Saturday Supposed to fly out today but woke up to drizzle and fog - no flights.

Took a long walk up Rush Creek - frozen so we could walk on the creek itself. Really nice. Came back - ate cookies. Raining hard in afternoon. Still no flights.

Fog came right down to the ranch about 5 pm; and has hovered around the benches all day.

Maybe we'll fly out tomorrow - weather providing. I moved my hanging meat down to the old rabbit shed to keep predators and rain off it.

Jan. 13, Sunday
Fog, rain, snow, and clouds

all day. Ray A. did not make it in to get Sarah and Phil. We all hiked up to the timbered bench.

Jan. 14, Monday

This is the third day Sarah & Phil have been weathered in. I talked with Jim Akerson at North Star Ranch this evening and he said he and Holly waited 6½ days, and once Morris Horwicker waited 14 days. Phil and I built a composter. Sarah spent some time today cleaning logs. I spent the last hour cleaning up the construction mess in the Zentner cabin.

Jan. 15 Tuesday

We called Jeff so he could relay messages ~~red~~ regarding Sarah & Phil's being weathered

in. We worked on the cabin right up until Ray A. flew in to get them. I sent out the old battery, used for lights in the cabin, to get charged. I got lots of great stuff in the mail; just like Christmas. I stayed up until the 10:00 PM MST deadline for Iraq to pull out of Kuwait - someone pushed the button.

Jan. 16, Wednesday

At 4:00 PM UN forces, with U.S. in the lead, started war with Iraq. I can only hope no nuclear arms are used. I completed the woodwork in one of the bathrooms today.

Jan. 17 Thursday

Usual stuff, work on the Zorham cabin. Spent the evening listening to war news on the radio.

Jan. 18, Friday

Still putting up knotty pine.
Scribed a wall into a log wall.
I saw 2 bunches of elk, 2
bunches of sheep and 2 coyotes
before breakfast today.

Jan. 19, Saturday

Cleaned house until 2:30 PM.
Hiked up to 2nd bench. I saw
18 elk. Lots of sun today.

Jan. 20, ~~Saturday~~ Sunday

Messed around with arrow
making, but I've yet to start.
Baked oatmeal cookies. They came
out ok, but not great. Elk in
the lower pasture. Later I saw
24 sheep, 5 collared, feeding in
the middle of 32 head of elk. I
think something is dead eye on the
bunches, judging by the bird activity.
However, I could not locate the
center of all the activity.

Jan. 21, Monday

I keep forgetting to mention that I checked the water depth in the septic tube four days ago, it was 0". This was not done for several weeks due to the extremely cold weather. Today I cleaned the chimney in the Taylor cabin, and adjusted the angle of the solar panel. I also ~~scratched~~ checked all propane tanks on the ranch and took empty ones to the strip. I scribed in a wall end in the Farham cabin and carried more knotty pine in the cabin. About 40 elk have been hanging out on the second bench for several days. Fresh cougar tracks at the far end of the strip. Had to put my wool pants back on today; al-

Jan. 22, Tuesday

Spending my time trying to put the trim around 4 doors. We should have had wider door casings, plus, once again, the Nat. Guard shouldn't brought a level. Temps. near 0° again this morning. Still lots of elk on the beaches, 40+ although we only saw 2 bulls, a spike and a righthorn.

Jan. 23, Wednesday

Finished two door frames and started putting up ceiling trim. A nice sunny day. Still lots of elk on the beaches. Cougar tracks at the head of the airstrip.

Septic tank
Tube = 0" OF
Temp. 23° OF

Jan. 24, Thursday

Another nice day with temps. near zero and mostly sunny skies. After finishing up some trim and cleaning up I started putting up knotty pine on the last wall.

Jan. 25, Friday

Temperatures got up into the teens today, but I was cold all day. Someone else over the radio commented on how bitter it was today.

Jeff called this morning wanting some info. on the new weather station. I spent the day putting up fence posts.

Jan. 26 Saturday

I did laundry today, what a chore. I was going to bake cookies but there's not enough brown sugar. Wrote letters. Forty plus elk on 1st bench at sundown. Larger tracks in the main pasture.

Jan. 27, Sunday

Cleared house. Took a hike up the ridge behind the cabin. The sun had a little warmth to it. Ordered

a pair of Bear boots & a shirt.
Intend to start making arrows tonight
I believe I found mountain goat
hair on brush, on the ridge behind
the cabin.

Jan. 28 Monday

I spent the morning collecting
information Jeff wanted regarding
the MET station. I put the info.
in the mailbag, but Carol informed
me there is no mailbag this Wed.
Only the 1st & 3rd Wednesday's of
each month. Worked on the Zorham
cabin in the afternoon.

Jan. 29, Tuesday

Finished one wall, and started
the last wall in the Zorham cabin.
At this moment there are elk,
sheep, and deer visible on the hill.
The clothes I washed Saturday
finally dried and got put away.
I was drying them on a rack
sitting here in the living room. I
guess I don't keep it very warm.

Jan. 30, Wednesday

Put up knotty pine. In the afternoon Ray A. & Jim Anderson stopped in after radio-tracking sheep. They brought mail. I got my new binoculars - just like Christmas.

Jan. 31, Thursday

The level in the septic stand pipe was 0". Temps. have been below 0° F at night and have not been above freezing during the day. I will finish putting up knotty pine tomorrow; we'll work on finishing ~~the~~ trim. Took a long shower.

Feb. 1 Friday

Jeff called this morning. He wants me to send all computer disks and a bibliography of research done at the ranch. I completed the knotty pine in the Lanham cabin, nothing

but trim work left. I got a good start on the bibliography. Thirty five elk hanging out on the first bench. Filled out monthly weather summary and dropped it in the mail bag.

Feb. 2 Saturday

Temperatures went from 15° F this morning to 45° F at 6:00 PM. It's warmer in the cabin now than it's been in weeks. Wrote letters and crested arrows.

Feb. 3 Sunday

Cleaned house and cleaned the ashes out of the stove. I spread the ashes on the trail down to Pioneer Cr. to help with the ice that has given me several good spills.

Feb. 4, Monday

I spent the day compiling the bibliography of work generated here. I put that and the computer disks

Jeff asked for, along with my
hours on the Barker cabin into
the mailbox. The temps got up
to nearly 50°F. today - warm but
dreary. Arnolds called and said
our mail day will be Friday
instead of Wednesday. I seem to
have frostbitten a corner of my left
big toe. I did it last Thursday.
It's been very sore and is now
turning dark.

Feb. 5, Tuesday

There was no water in the
septic stand pipe today. Temps
are down to freezing at night and
near 50°F during the day. Only
a trace of precip. for the past
several days. I spent the day
extending a door-casing out to
meet the walls. I really
worked the generator using the
table saw. I'm tired, but
there's little to show for my efforts.

I discovered today that a racoon
has made a home out of the
composter I built. I'll have
to put some chicken wire around
the inside bottom of it.

Feb 6, Wednesday

I racoon-proofed the composter
and moved it to the West end of
the garden. Set a trap for woodrats
that are making a mess in the grain
shed. Still working on the door casing,
but I think I'm winning.

Feb. 7, Thursday

I finished the door casing
and worked on trim. Sunny
all day but I don't believe it
rose above freezing. Caught
a woodrat in the grain shed.
A pair of coyotes took a nap
in the ~~tree~~ of main pasture
early this morning. I haven't seen
any elk or sheep in a couple days.

Feb. 8, Friday

Ray A. brought the mail, groceries, and two propane bottles. He didn't bring any regular gas since he hopes to bring in a drum in a few days using the 206. Worked on trim in the Tanham cabin.

Feb. 9, Saturday

Did laundry with the hand plunger. Baked a double batch of cookies. Fletched arrows. Hiked up to the third bench and found the 4 pt. bull we watched for the ~~past~~ past several weeks - dead and being fed on by a mountain lion! I got to watch the lion for about 10 sec. at about 100 yds; only the second mnt. lion we've seen. I salvaged the ivories from the bull.

Feb. 10, Sunday

I hiked down to Snake Cr. trying to find one of Jim & Holly's radio collars that is giving a mortality signal. About the time I was getting close the receiver started dying, my dog and I were pooped by then too. Travel is ~~too~~ tough on the crusted ~~at~~ snow. Big Cr. is completely frozen from the lower pasture to the mouth of Cougar Cr. - good walking. Met Dave Williams, Jerry Jeppson's houndsman on his way to Cabin Cr. More people and stock trailing is this coming Tuesday.

Feb. 11, Monday

I found some things in the files Jeff requested. I tried to find a place near or on the sage-brush flat that's within 10 of a property line and suitable for locating the MET station. I don't think

the property lines encompass a suitable site. I started drafting a letter to Jeff. Worked on Zebham cabin trim for a couple hrs. There was $\frac{1}{2}$ " of mud in the Zebham cabin septic stand pipe, temps. near 40°F during the day and in the teens at night, no precip for more ~~than~~ than a week.

Feb. 12, Tuesday

I drafted a letter to Jeff. I set a trap for woodrats in the attic of the lab. Worked on trim in the Zebham Cabin.

Feb. 13, Wednesday

It almost ~~felt~~ felt like spring this afternoon. Fitting trim around some logs and angles is taking longer than I thought.

Feb. 14, Thursday

Another warm day, starting to see mud springing up. Am sailing and

trimming around doors now. I
really worked the table-saw
making more trim today. Haven't
caught any woodrats in the lab
yet. There is even a few
insects flying around today!

Feb. 15, Friday

Worked on trim today, again.
I've decided not to salvage the
old window trim since trying to
find the old pieces and fitting
them together would take more
time, and not look as good as
if I just put new trim on.
I caught a woodrat in the Lab.
Hiked up to the third bench and
saw the coyote again, briefly. My
puppy is really in trouble for not
running. She knows it too and is
really walking the straight & narrow.
She did a perfect heel all the way
down from the third bench, once
she realized what kind of trouble
she was in.

Feb. 16, Saturday

Day off. I intended to go look for Jim & Holly's sheep that giving a mostaken signal, but I woke to rain and it continued most of the day. I cleaned house, finished a book, and worked on arrows instead. We forgotten to mention that last Sunday I saw 2 mountain goats on the north side of Big Cr., east of the Big Cr. Gorge. Tammi Leek and I saw 6 of them in the same place last spring.

Feb. 17, Sunday

I hiked down to Snake Creek and found Jim & Holly's dead sheep. Intermittent snow squalls all day. I did not see any mountain goats today.

Feb. 18, Monday

This morning there was just a spot of mud on top thick put in the Tarnum cabin standpipe. There has been

.43" of rain or snow in the last 48 hrs. Temperatures have ~~been~~ been below freezing at night, and above freezing during the day. I spent the day sealing, ~~and~~ planing, and trimming windows. The airstrip has 3 large puddles of water up to 3" deep, with 1/2" of ice on top. I'll tell Arnolds' before they try to bring mail in.

Feb. 19, Tuesday

I cancelled an order for more window and door sealer since I found 4 tubes stashed away. I finished all woodwork in the conference room in the Zentham Cabin today. There are 9 elk on the east knob, first time I've seen elk in a couple weeks or more.

Feb. 20, Wednesday

Finished the upper trim in the lab and started the windows. Warm day, temps. $>50^{\circ}\text{F}$, and water is running everywhere.

Feb. 21, Thursday

Loyotes have been howling the last several mornings. The air-strip has a lot of standing water up to 4" deep. Tomorrow I'm supposed to get mail, finally, but I'm afraid the strip may be too wet and soft. I'll go look at it carefully before morning. Trim in the lab will be finished once I complete the door.

Feb. 22, Friday

Another warm day. This morning I reported no snow on the ground. Ray A. plowed through the wet, soft strip about 1:00 PM with

the mail. He had not capped his left wing tank, and when he landed here it had been sucked dry. We found a sealed 55 gal. drum of 100 octane and put 10 gal. of it in his plane so he could get back to Laramie. I finished trim in the lab and one bathroom and just have a window to do in the NE bedroom.

Feb. 23, Saturday

I hiked up Horse Flat looking for sheep horns. Jepson's houndsman and hunter rode by this morn. Cleaned house. Another warm day, but I'm still able to cross Big Creek at the west end of the airstrip on ice. Grass is starting to green up.

Feb. 24, Sunday

Hiked around the benches. Cleaned the cupboards and organized the food.

Feb. 25, Monday

I hooked up some pipes under the Taylor Cabin in case the water breaks loose. Oiled the composter and put some old refrigerator racks in the bottom to hopefully discourage the racoon. Went up Pioneer Cr. and looked at the water-lot. It has water flowing through it, but the ground between there and the cabin is still frozen solid. The Lanham Cabin septic tank pipe was dry today, temp. yesterday were 146° & 22° F, no precip. for more than a week. Finished trim in the NE bedroom.

Feb. 26, Tuesday

I wanted to put the vent pipe for the waterheater in today, but I realized there is no access to the attic. So I spent the day

building a hatch to get into the attic. Still having beautiful weather.

Feb. 27, Wednesday

I plumbed in the vent pipe for the water heater in the Zoukan Cabin. Cutting the holes was a real chore. Left a message for Jeff Yeo asking when he's planning to come in so I can make plans for when I'm out.

Feb. 28, Thursday

I notched out the last wall end and boxed in the water heater. Jeff called this morning. The Fish & Game winter survey crew is coming in soon. Jeff will be in about the 26th of March. The barometer is taking a nose-dive.

~~Mar.~~ Mar. 1, Friday

Filled out the monthly weather summary. Messed with the water system a little. Worked on trim in the S.E. bedroom of the Lankham cabin.

~~Mar.~~ 2, Saturday

Did laundry, cleaned house, and baked cookies. Went for a hike and found a couple mantis and a rose just off the trail below the third beach. I also found the remains of the ewe that was killed above the first beach in the middle of December. She was drug over the second beach and down to the bottom of cliff creek.

~~Mar.~~ 3, ~~Sunday~~ Sunday

Watched it rain most of the day.

Mar. 4, Monday

Messed with water a little, but the line is still frozen. Cleaned the lab since I'd been trapping woodrats. Rearranged the garbage cans and put bungees on the lids. Worked on trim in the Zankam cabin in the afternoon. There was a spot ($\frac{1}{16}$) of mud in the Zankam septic stand pipe. Yesterdays weather was .16" precip. with a high of 47°F and a low of 35°F. It was the first significant precip we've had in some time.

March 5, Tuesday

Skiff of snow on the ground this morning. Mail was to come yesterday or today, but weather isn't cooperating. I have an important letter that must get out ASAP. One door and one window left to trim and all the woodwork will be done in the Zankam cabin.

March 6, ~~Thursday~~ Wednesday
Another blustery day with
snow squalls moving through.
I finished all the woodwork
in the Tannaham cabin. This is
the third day I've strained my
ears to hear the mail plane
to no avail. As I finished that
last sentence I heard the plane.
Some of the flooring for the
Tannaham cabin came in. My
sister Judy was on the plane
~~too~~, a surprise visit.

March 7, Thursday
Another cold, blustery, day! I
spent the day collecting cuttings to
plant along erosion areas on the
airstrip. I collected very little willow
since it doesn't seem to be too
abundant. I collected: Beld willow;
River birch; Red osier dogwood; and
an unidentified species. The only

winter key I could find isn't specific to this country. I hope the cuttings other than willow will take. I stored the cuttings in the refrigerator in Arlows' but was unable to get it going. I'll get Arlows' refrigerator working tomorrow. Jerry Jepson's houndsman rode by about 8:00 this morning. Looked like he's headed for town. I'm starting to see a lot more deer in the last week. I haven't seen an elk in quite some time.

March 8, Friday

I did catch up stuff. Cleaned chimneys in refrigerators, fixed the guts in one chimney. Set traps for cabin invaders. Replaced batteries in smoke detectors. Started fixing the big garden cart. This day, a little cold though.

Mar. 9, Saturday

Cleaned house, even dusted
the logs in the living room of
the Taylor cabin. Hiked around
Horse Mt. looking for ram horns.
I'm still able to cross Big Cr.,
over ice, above the mouth of Rush.

Mar. 10, Sunday

A lazy day, a blustery one
also. Fourty plus elk on the benches
today; four bulls.

Mar. 11, Monday

Finished fixing the garden cart.
Messed with water system a little.
Dug out the ~~the~~ bled-off pipe
in the orchard and found the
ground frozen an inch or two
below the surface. Spent the
afternoon moving stuff out of the
Tannaham cabin. Lots of tools back
into the shop and everything else
under the eves on the east side of the
cabin. I counted 52 elk on the 3rd
bench this evening. I only saw one
branch antlered bull.

The Lanham cabin septic stand pipe was dry today. Temps. yesterday were 30° F up to 46° F, no measurable precip. for several days.

March 12, Tuesday

I moved more stuff out of the Lanham Cabin. Finished interior chinking. Resealed the vent-pipe since I suspected it was leaking. Did lots of sweeping.

March 13, Wednesday

I replaced warped and damaged flooring in the Lanham cabin. Am in the process of giving the floor a good sweeping before putting down tiles; also hoping temps. will warm up a little more.

Woke up to ~~-~~ 1" of snow that was mostly gone by noon. Lots of elk on the third bench.

March 14, Thursday

Messed with water a little.
Cleaned up around the Lenzham cabin,
burnt some scraps.
I got more than $\frac{1}{2}$ the cracks
and holes filled with "fix-all"
in the main room. About 5:30 PM
55+ elk moved down to the
lower pasture. I watched them
from the cougar pen and got to
~~see~~ ^{see} ~~the~~ 2 spikes fighting for a
minute or so.

Mar. 15, Friday

I got "fix-all" on all the floor
joints in the Lenzham Cabin
except the SE bedroom. Messed
with the water system ~~a~~ a
little, I'm just going to have
to be patient. I saw a robin
today.

Mar. 16, Saturday

Fifty nine elk in the lower

pasture this morning; seven bulls,
two branch antlered. Swept floors
and did laundry. After four hours
my clothes are nearly dry hanging
on the line outside, nice day.

Mar. 17, Sunday

Called my grocery order in. Dusted
the house. Hiked to the top of the
ridge above the benches. Twenty
one sheep on 1st bench at noon.
Bachelor herd of 6 rams on Horse
Mt. above the end of the airsteps.
The large elk herd is still
hanging around spend days on the
timbered bench. I picked up
a tick today! Several green-
winged teal on the creek.

March 18, Monday

I spent the day doing yard
work, pruning bushes raking
the yard etc. I only intended
to spend $\frac{1}{2}$ a day doing it,

but it'll be another $\frac{1}{2}$ day before I finish.

March 19, Tuesday

Finished yard work and started a burn pile for all the limbs and leaves. Woodrats made a mess in the east side of the duplex, so I cleaned it up. Mice made a mess in the cookhouse and I cleaned that up also. Split the rest of the wood and cleaned up all the wood chips; added it all to the burn pile. The elk herd has left the country. Some raven activity on the benches, makes me think a cougar killed an elk. The Fish & Game called asking if sheep are frequenting the first bench. They asked to have salt spread around the bench, and a decoy net gun. Wrote a letter to Jeff with my hours on the Tenino cabin.

March 20, Wednesday

I made a decoy set gun
and put it on the first beach
as the Fish & Game request-
ed. Finished putting "fisall" on
all floor joints in the Farham
cabin. Cleaned up my burn-pile.
I forgot to check the Farham
cabin stand pipe until today.
Again there was just a spot
of mud on the end of the dip-
stick. Less than .10" rain in
the last week and a half. Yester-
day's high was 56° F., and the low
was 28° F. Carol A. just called
and said the mail plane will
be coming today yet.

Mar. 21, Thursday

I forgot to mention that a pair
of golden eagles were hanging out
on the first beach yesterday
morning. I sanded all the

floor joints in the Lanthan cabin. I guess we're ready to put flooring down, once it warms up. Messed with water a little. Tried to get water to the cookhouse, no luck. Packed the floor tiles, Ray A. brought in yesterday, over to the Lanthan cabin. Sheep were on the first bench most of the day.

Mar. 22, Friday

Adjusted the gate to the weather station. Cleaned up the yards around the lab and duplex. Sheep were on the first bench again today. Carol A. called and said Mike Dunbar SVH. flew in to cabin br. today. He and an assistant will be hiking to here tomorrow evening to spend the night. I assume

he is doing something with
the sheep. Rather unexpected.

Mar. 23, Saturday

Cleaved house. Tried to make
salt blocks from loose salt
by adding water and baking it.
May have worked if I'd let
it dry completely. Checked the
first bench and sheep have
barely touched ^{out} salt I put up
here Wednesday at Fish &
James request. So I didn't
add my crumbled salt block
to the pile. Mike Dubbar
and Rod showed up about
3:00 PM. He is ~~still~~ trying
to find snails, a vector for
lung worm, but it seems
too early.

Mar. 24, Sunday

I had breakfast with Mike
and Rod. They hiked back to

cabin creek about 10:00 AM. I hiked up Rush br a little way and saw 2 nice size white fish in a beaver pond. Woke up to an inch of snow, mostly melted by noon. No sleep on the first bench.

Mar. 25, Monday

Jeff called to say he'll be in tomorrow, but the barometer nose dived today. I never heard a plane that was to pick up Mike Danbar today at Cabin Cr. I cleaned the chimney in the Taylor cabin and lowered the angle of the solar panel. Found odd jobs to keep me busy. Sleeps on first bench from 9:00 AM - 1:00 PM. I also reinforced the pulley for the shower bag.

26 March, Tuesday

Jeff flew in w/ Jeff Zappin, dental Health & Barry Brunel, DCA, for tuberculin skin test inspection. A few

modifications are needed. Ray flew out for a week. About 1600, ~20 elh + 2 sheep feeding together on bench east of 3rd main bench. 1 $\frac{3}{4}$ curl ram + ~3 $\frac{1}{2}$ curl rams sparing. Sheep are within ~50 feet of elh. 1 spider bull. Separately ewe band ⁽²⁾ about 100m west on face below elh (at least 1 collared ewe in group); also ~9 elh feeding on 3rd bench; also note ~15 mule deer mixed w/ elh + sheep on 3rd bench

27 March 1991, Wednesday

~32 elh came to salt lick ~0830
3 spider bulls of group; walked the ranch; also up to 1st bench to check salt lick + decoy. $\frac{3}{4}$ + $\frac{1}{2}$ curl rams adjacent lick; ewes, other rams = ~32 elh bedded; feeding on slope east of lick. Started backfilling drain field on Johnson cabin septic system.

1700 hrs - mule deer + sheep feeding together on

beach east of 3rd beach; at least 20 sheep
#11, 8, 9, 3, 6 all heard

28 March, 1991 - Thursday

11 ewes on 1st beach ~ 1330 - 3 w/collar
mature bald eagle flew up Big Creek
this morning. Explored south boundary
for potential met. station sites. Planted
willows along arroyo. ~ 16 sheep
below beach east of 3rd beach. - appear
2 are collared; continued the slow
job of backfilling septic system; played
with water system - no luck so far. Message
from Mike Schlegel this evening asking
to monitor sheep activity at salt lick.
This afternoon, ewes were on rocky flats
east of lick; very agitated - chasing back
& forth - looked like a swarm of mosquitoes
in the wind. Strong winds & clouds
started up this afternoon. ewes
on beach again about 1630; at least
35 sheep in area at 1900 hr; some rams
feeding w/ ewes near 1st beach

29 March 1991 - Friday

ell spent the night on the 1st beach salt
lick; does feeding in the cliffs ~ 1/4 mile
east of 1st beach; ewes on pass above
lower pasture & below 1st beach at 0730 hr
ewe group (~35) on salt lick at 0830 hr
rams have joined ewes at salt lick; sheep
remained at salt lick until early afternoon,
then moved downslope to lower pasture,
then back to lick about 1700 hrs. ell
moved down onto 3rd beach about the
same time.

30 March 1991 - Saturday

beautiful, warm day Pipe broke in lab.
flooded bedroom, bath & half of kitchen.
will need to move lab cabinets to fix
ruffed grouse have been drumming the
last few days

31 March 1991 - Sunday

Dave Hunter, Ted, Mike, Jeffery, Jim Pope
came in afternoon. transported net gun
to lick

1 April 1991 - Monday

Milt Davies, film crew, etc flew in for sheep capture. Chased some sheep west of Cougar Creek w/o success. Darter previously collared ewe from hill (ear tag BC10). Flew her to Caldwell. Tracks are all over.

2 April 1991 - Tuesday

Continued capture operations for sheep. Dave Hunter darted a ewe above Ram Basin in morning; Milt Leibig darted one near Cougar Creek in afternoon. Both appeared in good shape before they were flown out. Got message that ewe captured yesterday wasn't doing well. Entire crew left by 1800 hrs.

3 April 1991 - Wednesday

Ray G. coming in sometime today.

Yes, unpacked and organized.

After a week some Ribes have leafed out and starlings are

present. A lot less ice and a little more green.

April 4, Thursday

Filled out monthly weather summary and dropped it in the mail box. Water broke loose in Arlows' cabin.

Some pipes are broken and there was 2' of water in the cellar.

Fixed 3 busted pipes in the lab, still more to fix.

April 5, Friday

Jeff called this morning with more instructions. Spent the day fixing plumbing. In the lab: 3 leaks; and 3 leaking drains. In Arlows: 2 busted pipes; and 2 leaking faucets. I have water heating in Arlows and will take the first shower of the year this evening. Big Cr. has risen a little and has some color to it. The Gabion ~~but~~ berles seem to be

working well. A herd of 7 deer
in the main pasture this evening,
and a herd of 10+ on the airstrip

April 6, Saturday

Ray A. flew in the rest of
the flooring and chimney pipe.
He had a woman Kate _____ who
did an undergrad internship here
in the late 70's studying para-
sites in sheep. She now does
marine mammal work in Alaska.
Mixed rain & snow most of the
day. I brought the net gun
Deploy down from the first bend.

April 7, Sunday

Woke up to snow and had
intermittent snow and sleet
all day. Big break is clearing
up. I can see cutthroat
trout at the mouth of Rush
Cr. I've checked his hole every
night for more than 2 months

and tonight is the first time
seen of the trout.

April 8, Monday

I capped off the SW corner of
the Zantam cabin drain field and
dry below gravel level and built
earth dams to seal off that corner.
Cleaned up, and mopped floors,
in the Lab and Arrows now
that I'm done messing with the water.
Four rans on the first bench
this morning. A herd of ~20+ elk
moved on to the benches today. I
noticed Saturday that the marmots
in the lower pasture have awoken.

April 9, Tuesday

Spent the morning drawing up
plans for the cabinet Jeff wants
me to build. Got a good start
on the cabinet in the afternoon.
About 40 elk spent the night
in the lower pasture. Four

rams on the first bench
again today.

April 10, Wednesday

Worked on the cabinet all day. Charged the radio battery. Arnolds are not answering the radio for anyone this evening. This morning about 40 elk moved from the first bench upstream, crossed Big Creek ~~over~~ and spent an hour grazing the air strip. Another cold blustery day; the water pipes may never thaw.

April 11, Thursday

Started putting pieces of the cabinet together, cut out more pieces. We've had a light snow all day. Arnolds didn't come on the air until about 9:30. They had their radio on the wrong channel. Two planes flew in & out of Cabin Creek yesterday. Elk on all the beaches and lower pastures this evening. Don't know #5-lots.

April 12, Friday

Jim Pope Jr. flew in a
206 with fuel before 9:00 AM.
Jim Pope and Janet Devleig
flew their helicopter here from
Wapiti Meadows Ranch. I worked
on the cabinet. Jeff called and
asked to have a few things sent
out on the mail plane.

April 13 Saturday

Jim Pope left this morning to
meet Fish & Game personnel at
the Mormon Ranch. Janet Devleig
hiked from here to there. I
got the river washer working
and did laundry. The refrigerator
in the Taylor Cabin quit
working. So I cleaned it out
and will have the Fish & Game
people help turn it upside
down overnight, when they come
back in a day or two. Water
came on in the cookhouse yesterday
no leaks. Sixty eight elk on the
benches this morning.

April 14, Sunday

Cleaned house. Hiked up Horse Mt. Called in the grocery order. Scrubbed out the gas refrigerator. The kerosene refrigerator is running a little cold and its difficult to adjust. I saw a pair of common mergansers, and a pair of buffleheads at the ~~the~~ mouth of Rush Creek.

April 15, Monday

Cleaned out the back room and turned the refrigerator up-side-down. Took pictures of the MET station and put house sites down around the corner. Made 4 wood clamps I'll use to glue boards together for the top of the cabinets. These clamps rate right up.

Here with the pawl-wheel
puller and magnum caulk gun.
Some of the better back-country
inventions.

April 16, Tuesday

I turned the refrigerator
right-side-up and it is work-
ing again. Boxed up the stuff
Jeff wants and wrote him a
short letter with my hours spent
working on the Tarnham Cabin.
Spent the rest of the day
working on the cabinet. Elk in
the lower pasture this morning.
The F & D helicopter stopped
here for fuel about 5:00 PM.
Three northern shovels in the
creek this evening, 2 ♂ & 1 ♀.

April 17, Friday

Mike Doris flew Mike
Schlegel and Tim Ferguson in
at 9:00 AM. Janet Denley

and Jim Pope flew in about 10:30 AM. They began the winter counts on Big Creek. Ray A. flew mail and groceries in about 1:00 PM. We nearly had a mid-air collision when Ray was taking off to the east and the helicopter was landing to the west. Luckily the helicopter veered once the pilot saw Janet waving her arms. Eleven rams on the 1st bench today. A pair of steelhead are on the bar just upstream of the gabions. I went with Mike and Jim to fly the Rush Creek drainage.

April 18, Thursday

Pat Doris flew in to take Janet and gear to McCall. The helicopter moved to McKay Bar. The crew saw a ♀ cougar with 3 cubs on the ridge just NE of the ranch.

April 19, Friday

Nice day for a change. Deer feeding on the air-strip most of the day. I just need to make doors for the cabinet and it will be done.

April 20, Saturday

I hiked up Pioneer Cr. and found a cougar sitting on a freshly killed ewe. At 10 feet the cougar gave me a snarl-growl before retreating to the brush. I collected heart, lung, liver, ~~test~~ and fetus from the ewe and stored them in refrigerator. I found a large although quite decomposed ram's head up Pioneer Cr. Mike Schlegel spotted it from the helicopter Thursday. Eleven rams eating dirt from the bank directly across from the corral this afternoon. Baked a double batch of chocolate chip cookies.

~~The~~ Elk in lower pasture
last night and again tonight.

April 21, Sunday

Hicest day yet. I hiked up
Rash Creek, tough going. Elk, deer
and sheep on first bench this
evening.

April 22, Monday

I called Mike Schlegel to
find out if he wants the sam-
ples from the cow I found Sat.
He is trying to get ahead of Dr.
Sam Hunter to see if it is
worth a flight. I finished the
cabinet, then I dropped one of
the doors and broke it. So, I
spend an hour making another
tomorrow. Started cleaning up and
putting tools away. Jeff called
to see if anything is needed
before he comes in Saturday.
The cottonwoods by the road are
leaving out.

April 23, Tuesday

I sawed up and stacked all the scrap wood around the Zenith cabin. Took the stone apart and started cleaning up the cabin in order to start putting the floor down. Rod and Mike Arnold flew in with 2 woodstoves and 1 propane tank. I sent out the sheep parts and Rod will deliver them to Mike Schlegel. The creek is a little up and murky. However, last night I saw 2 ~~steelhead~~ steelhead. I got a message that Dr. Hunter will drive to Cascoda tomorrow to get the sheep samples.

April 24, Wednesday

Despite the cold we started laying tile; I just have to wait longer for glue to set up. Con and a bear hunter stopped

By his afternoon.

April 25, Thursday
Tom's packer told me my bow was in Jerry Jepson's camp. So, I hiked up to Cabin Creek and got it; 4½ hr. round trip. I moved the flat-top stone back to the cookhouse. Washed the bedding for Jeff. However, ~~the~~ snowline was down to the first bench and it's been snowing most of the day; not conducive to drying laundry or glueing tile.

April 26, Friday
I fixed a drain in the cookhouse. Rigged up an A-frame to hoist the Larham cabin septic tank. Glazed a window pane and planed a door in the JC. Moved the lawn. Picked up, cleaned up & straightened up. Hail and snow most of the day. Planted potatoes.

April 27, Saturday

Packed up my stuff and moved it to Arlou's. Have the Taylor cabin a thorough cleaning. Marked out where cabinets go, and tile doesn't, in the Tankham cabin. Read instructions for installing chimneys in LC. Lon stopped by and ~~used~~ the radio so a plane would be waiting for him at Cabin Cr. His hunter killed a bear on Rush Cr. yesterday. Woke up to a shift of snow and snow squalls have been coming through again all day.

April 28, Sunday

Flew in from Cascade about 1600 hrs. Ray & I pulled the septic tank out of the hole with the new comealong I brought in. Day mostly clear

but strong winds

29 April, Monday

Snow today, very cold dug
out the ~~old~~ hole for the
septic tank. About 4 hours
with many big rock. We
dropped the tank back
in & hooked it up. Now the
slow process of burying it. Also
we moved the new stove from
the depths to the Z.C. & hooked
up the 2 burner stove from
the old lab in its place in
the depths. About 20 ewes
(4 collared) fed on the 1st
bench & lower pasture much
of the day. Many all day
exp male deer wandering
through occasionally. About
7 deer in corral this evening,
fighting over old grain. 2
shoulders & a mule on at the

end of the upstairs this evening
30 April, Tuesday

Ray : I installed roof joists : ceiling supports for both wood stoves in new cabin. Stovepipe in place from chimney cap to ceiling. So now all we need to do is install stoves : the heating system is done. Also, we began back-filling the septic tank. The ventric system still needs many hours of monotonous shoveling to finish. At least 18' deep on benches as well as 50' + etc.

1. May, Wednesday

Ray : I continued filling in septic tank. Still much dirt to be moved! 6 steelhead along upstairs. 2 along gravel bar & 4 at mouth of Ranch Cr. Female droppings red. Ray left today. 4 ewes seemed lined out says Big Creek. Still about 25 sheep many benches

2 May, Thursday

Walked to Gorge. 2 coyotes, both with white V's like copies from

their shoulders. Both spent many minutes rubbing & rubbing an I spot. I think it's where deer bedded or eliminated. Several rams with ewes today. Haven't seen elk since yesterday.

3 May, Tuesday

Water came on in Taylor Cabin last night. No major break. Drybox also seems fine although I decided not to open system until I need it. 4 ewes crossed Big Creek at the mouth of Rush Cr. This evening, headed up Rush Cr.; stopped at mouth of Rush Cr. Packer leading 2 horses & mule headed upstream this evening. Talked to Jim Puck this evening arrangements for bringing stock in from Charles & also Soviet scientist & other coming in in early June.

4 May, Saturday

more backfilling of septic drain field.
washed clothes & baked cookies.
Also about 1.25 hours on computer
before it ran out of juice. Steelhead
still along air strips. Ram band
mixed with ewes. At least 2 collared
ewes still using benches

5 May, Sunday

elk on airstrip & by new cabin
this morning. Moved to lower pasture
by mid-morning. Cow band on first
bench. 2 collared ewes. the never-
ending show of backfilling the septic
system continued. I fly out today &
Phil comes in to cover while I present
paper on ranch at Jackson Wilderness
Conference. 2 pair of male & female
cinnamon teal near mouth of Rush
creek w/ male bufflehead

6 May. 9 deer in pm @ bridge 6 Elk
on Airstrip in A.M. 1 grouse drumming by
Lambans cabin, 1 by Taylor cabin Worked

late 8pm worked on floor Adhesive took longer than expected to set up. Worked on windows - patched some areas of floor, fit in septic system. Collected stone for 3 entry ways.
7 May. 6 deer in field, 5 deer just above 1st bench. 1 Buck crossed field (could see knobs on his head.) Finished window and patched ceiling @ inlet for chimney. Almost finished caulking around outside of cabin bottom course of logs. Had more caulk. Worked on tiling for outside windows. Had to chink around windows & cement had to be broken up and sifted to use. Sun only came out for a short bit late in day. too cool to lay tiles.

8 May Pouring rain all day except for about 1 hr. Walked to Salmon R. Very wet with but nice. Saw 6 Elk at Goat Cr. 5 deer in field at Taylor Cabin. Deer chase Coyote away from bunch. 3 Elk on 1st bench.

9 May 1 Coyote crossed field in A.m. 2 Rams crossed over 1st bench. Snow lightly

all day. Backfill Septic Tank, Bil, & off
Backpacher visitor in afternoon helped Bachfil for
Trade for lunch. Saw 1st coyote at night
1 Coyote crosses field

10 May 3 coyotes in AM above Lanham
Cabin, 6 deer @ same area. 11 Elk,
on 3rd bench. Worked on Septic System and
Stairs for Entry way with leftover logs.
Too cool to run on & off to lay tiles

11 May Rain heavy in AM cleaned house
& floors, washed kitchen, back room & bathroom,
worked on steps for Entry way. and last but not
least more backfilling

Sun 12 May Hiked up to ridge 13 Bighorn
Sheep, above 3rd bend w/ collar.

2 Golden Eagles, 21 Elk in lower pasture.

13 May, Bachfil, Septic Slow, but Surg.
Worked on trim for large window N side
Threshold for entry way.

14) May Bachfil, put window in back room
backfill around new Stairs & Entry way
cleaned Taylor Cabin, picked up Lanham
Cabin

15 May, Wednesday: flew in about noon.
unpached, surveyed ranch. many
dogwood & a few willows planted along
airtrips are leafing out. all creeks
are up. Cliff Cr is especially muddy.
Stealhead along airtrips abt, shes,
deer on beaches.

16 May, Thursday: installed low-flow
shower head, faucet aerator; hooked up
solar electric system in Taylor cabin;
repaired 1 pack box & built another.
8 deer next to new cabin this morning.
abt on 3rd bench & surrounding slopes

17 May, Friday: stealhead above diversion
dam in Rush Cr.; windy, rainy day
but warm. Water up in all the streams.
Water in irrigation ditches from
Rush Cr. Big Cr is above the
tops of gabions at end of airtrips.
had rain most of evening. watched single
coyote by corral. had distinctive white
V marking on back I'd seen in previous
pair.

single cougar came up through corral,
across arroyo to Taylor cabin, moved
unhurried by outhouse & shed behind
cabin, then continued up slopes above
cabin; seemed young or small body size.

21 May, Tuesday: Arrived (flew in)
mid-afternoon - Jeff left
for Challis & horses, rest
up with Jack for Cabin Crk
(fly by at 1630 to verify OK)
Sunny, hot (76°), humid; cis in the aft.
Clear p.m. Big Creek seems
really high; Cliff Crk muddy;
rowed front and side lawns.
Wind by south greenway, arrow-leaf
balsamroot; orchard full of bees;
amatantia (sp?) in full bloom. Grouse
drummed.

22 May, Wed: Sunny, warm
again. Wind in afternoon. Sc
cis. Finished lawns, worked and
planted flower bed at front;
washed windows in + out front
of Taylor C. What a difference.

Reported house cactus. Attempted starting washer ... no luck, wouldn't even turn over. Not seeing much wildlife (?) A walk to sage brush early evening - mt. bluebell, phlox, prairie star, wild strawberry and mt. avens (or apache plume??) Did weather report for last month - ready to mail - and caught up this month to date.

23 May Thurs : Summer hot day. Ternies gold from dandelion pollen. Got some tile laid. Stone in Taylor cleaned - ashes + glass. Turned on propane & lit w.h. in duplex for Jim & I tonite. Water pressure low at noon - inlet pipe plugged with debris - but pressure still low. Oregon grape, purple violets.

24 May, Friday: Jim Peck & Nancy Knoch flew out w/ Mr. Dorris about 0800. Harness in good shape. water pressure low. opened relief valves for upper cabins. improved pressure on old lab & Arrow cabin but Taylor Cabin still low pressure. will continue doing this while streams remain high.

25 May, Saturday: Greg Zollberg & Fred Pate, summer interns, flew in afternoon. Fred saw elk cow & newborn calf in lower pasture. still wobbly & wet.

28 May, Tuesday: found recent elk kill - spike bull partially buried on east edge of 3rd bench at base of tree. 3 golden eagles attending. I think it was a bear kill since many bones were crushed. But entire carcass was neatly buried so may have been coyote. Will check for more signs tomorrow. Watched sharp-shin hunting below new cabin. kept dove-bombing magpies w/ no success.

29 May, Wednesday

rode up trail with Cliff Cr. ridge burn and looked at the spike bull hill. immature golden eagle still attending. It appeared that it was a cougar kill; that the cougar had been back to the hill since yesterday.

31 May, Friday.

Ray Arnold flew in w/ 5 propane bottles. We cut the taller patches of grass on the west end of the arroyo & mowed around cabin.

1 June, Saturday

moved refrigerators out of Taylor Cabin, propane to wood shed, kerosene to new cabin. put in a garden at Taylor Cabin

2 June; Sunday

Jeth, Mathias & Tim along with game
Ray Arnold flew in for the summer.
Ray & Grows flew out.

Greg & Tso left for 3 days on the
middle fork Salmon searching for raptor
nests & sightings.

4 June, Tuesday

Greg & Tso returned. Found 2 healthy
nests.

6 June, Thursday

Jim Pech, Paul Krausman, U. Arizona,
& Warren Ballard, ADFG, flew in with
Jack Magee in evening

7 June, Friday

surveyed Golden Creek fire along ridge
between Cliff Cr. & Cougar Cr. ridge
on Glory, Hatchet, & Blue Eye. Greg
& Tso hiked ahead followed trail
a few miles further to survey
cliffs for sheep. Greg & Tso found
outfitter camps (Jepson's?) further
along trail

8 June, Saturday

w/ Pech, Krausman, Ballard on horses
& Greg & Tso on foot, journeyed to

Cabin Cr. talked with a few of
Jepson's helpers who were cutting
cottonwoods supposedly at the request
of USFS. 2 cabins left standing.

Foundations left as rubble piles.
saw a moose across Big Creek at
Cabin Cr. Jepson's help said there
a bull & 3 cow moose hanging
around the mouth of Cabin Cr.
found the remains of radivied
ewe #7 near Brown Basin at
edge of Big Cr. bone marrow
and good fat content. transmitter
still working. Grey & Jain located
golden eagle nest on cliff across
Big Cr at Cabin Cr. at least 1
eaglet in nest.

9 June, Sunday

Puch, Knausenow, Ballard left this
morning; headed for Yellowstone.

10 June Saw one half curl
row of 1st bench - first
sighting in several weeks
Kayakers floated by on Big Cr.

- Air traffic finally decreased after 3 busy days of planes flying over toward the Middle Fork (boaters?)
- Work continues on new cabin: backfilling septic system and laying tile
- Jeff, Lisa & Greg walked up Pioneer Cr - found Cougar killed ewel; saw saw whet owl, Sharp shinned hawk & rattlesnake.

June, Tuesday
Joe Corlett flew in
David Crowder of Idaho State Historical Society with Kenneth and Ann Curtis; Kenneth is the nephew of Osse Taylor and David is the grand nephew of Dorothy. Jeff, Lisa & Greg to Cabin Cr. saw 1 yearling cow & 1 yearling bull moose. Confirmed Peagut in eagle

nest. Keep seeing cow
elf with calf near
Browns' Basin.

12 June - Tiled new cabin;
moved lab cabinet from
old lab to new cabin - had
to disconnect water. Backfilled
septic tank; $\frac{1}{2}$ cu. yd. ram ^{mud} boulder

13 June - Greg to Middle Fork
for overnight - raptor survey
Lisa doing intensive survey
around ranch area;
Jeff worked on water in
old lab; put in trim in
north bedroom of new cabin

14 June Saw 2 immature
and 3 mature bull elk
going up to 2nd bench 08:30
Jeff worked on corral after
it was partially knocked
down by horses - corral
is in bad shape, looks like
its been gerry rigged for
years

15 June, Saturday - several ewes (I think, bunch of pups) on 1st beach this morning; 5 cow elk on 1st beach this evening. band-tailed pigeons on ranch last couple days

16 June, Sunday - 7 Kayakers on river - two came up to visit - one a UI grad student in clinical psychology & one a Coeur d'Alene high science teacher. Lisa up to benches and beyond looking for raptors. Jeff phoned Pat Kennedy, an accipiter expert, for advice about finding Sharp Shin nests. She suggested that they are late nesters and may not have young yet and that we use a tape recording of their distress call to help locate nests. Greg worked on irrigation in pasture across Big Creek. Jeff

irrigated, tried to catch up
on journal reading

17 June - Monday - Everyone
helped dig out irrigation
ditch next to Cliff Crk and
repair trail where it had
been washed out by overflow
and clear some fallen
trees. Jeff & Lisa cut
airstrip. Greg backfilled
septic with help from
Jeff & Lisa & Gute. Lisa
laid tile. Greg & Jeff
moved equipment & furniture
in new cabin. It takes
a couple hours to work
on airstrip with weed
eater and takes about
a pint of ~~gas~~. Pulled
big braid rug out of cabin
draped over line, beat
with broom then squirted

3 band tailed pigeons i.d.ed
with hose and scrubbed with
scrub brush and squirted
again - looks much cleaner.
Saw 7 ewes with 6 lambs
around 1900. No collars.

18 June Ewe with lamb
Lisa & Greg to Breeching Ck
overnight to look for
raptor nests. Met Dave Giles^{1/2 hr}
from Flying B on their way to
Root Ranch with 11 horses &
2 mules. Said they would
have a youth camp for 9-12 year
olds next week.

19 June Saw 4 cow elk with
2 calves above Rush Ck.
Lisa & Greg back - found possible
Kestrel nests - further i.d.
needed. Continue seeing tanagers
evening & black headed gros
beaks, band-tailed pigeons).
Also seeing Lazuli buntings,
Calliope hummingbirds

20 June, Thursday - 3 ewes with 1 lamb on 1st bench. Tim chased the ewes who turned on him at the edge of bench, chased him & butted him in the behind. The ewes were shedding out their winter coats.

21 June Checked on the eaglet at Cabin Ck. He's growing & getting dark feathers on back. Two men shooting guns on the other side of Big Ck so didn't see any moose. Met a backpacker named Steve Peck who did an internship here in the 70's. He said the experience profoundly affected his life and emphasized the importance of having undergrads do a research study no matter how clumsy they may be. He studied Columbian ground squirrels.

22 June - Blue Eyes fell off the bridge below the cabin, broke the bench and cut his leg, exposing a tendon & cutting a vein. We had to fly Sir Mike Dunbar to stitch it & bring antibiotics. He checked, wormed & filed teeth of all horses while here. We heard a plane crashed on Sheep Cr. by the Flying B. Martel Monache hiked in from Thunder Mtn. He said the trail was poorly marked and sometimes the map was incorrect. An outfitter camp at Beartrap Saddle with multiple spur trials caused him to lose the main trail for awhile.

26 June-Wed. 4 elk on lower bench haven't seen any activity for days

27 June, Thursday 13 elk or
beach; 3 calves; 1 bull
seen early morning. Elk
activity on benches all day
5 calves seen in all.
Mike Dunbar into drain
T.F. Skateboard's Ceroma;
had grown to cantalope size
Elk activity up & down
benches all day. Many
more seen in evening.
Continued intermittent
rain squalls w/ some
thunder & lightening.

29 June Saturday - Kitty Dunbar
flew in with husband, Vern; Harry
& Sylvia Peterson. Dean Hender
arrived from Moscow. Jeff spent
day with Ron Mendee shoeing
horses & mule; lightning struck
tree behind cabin

30 June, Sunday - Jim & Pat
Puk arrived from Moscow

Kitty & Jeff saw 2 elk with calves on way to Goat Ck.
13 elk on benches in p.m.; seemed to be cows w/out calves in sight.

1 July, Monday Kitty & Vern saw ewe with lamb across from end of airstrip

2 July, Tuesday Hendee, Guernsey Peterson left. Peeks, interns & Jeff sampling bench behind cabin, Pioneer Ck; ^{hot weather} is here

3 July, Wednesday Peeks et al. Sampling Ram Basin of Rush Ck. $\frac{1}{2}$ curl Ram on lower bench. ^{temperatures in 90's} ~~saw hawk~~

4 July, Thursday - Peeks, Geo, & interns off for long day to sample Mile H. gr.

5 July, Friday - Peeks left. Ewe on 1st bench. Doe & fawn across from Cliff Ck pasture. Eaglet still in nest at Cabin Ck; growing darker

7 July Sunday - 6 bull elk on
airstrip, 4 with antlers.
Ewe and lamb West of Cougar
Ck on talus slope. Drained
T. F. Skateboard's ceroma
again - it was huge

8 July Monday - Called Mike
Dunbar he recommended
watching the ceroma & draining
when necessary. Said he'd
call WSU vet School to see if
they could suggest alternatives
to draining or lancing. Ewe
on 1st bench for 2 hours later
(1500) 3 ewes & lamb were
seen dropping down from 1st bench

9 July, Tuesday - 3 ewes & lamb on
1st bench at 0900. 3 ewes on first
bench at 1300. Rattlesnake in
front yard by rhubarb plant.
We moved it across the river.

T. F.'s ceroma broke open & flesh
protrudes. Called Mike Dunbar
his out of town. Called Dr. Stoltz
in McCall; he's flying in the

2 landings = Dr. Stoll with McCall
Minshall's Gear with Bob's Air
Challis

afternoon to put in a drain & give antibiotics — The ceroma had turned into an abscess. Rather than putting in a drain Bob Stoll lanced it open & cleaned it out. He also looked at Blue Eyes & gave us different medicine for treating him. He said the stitches didn't take so we have a different type of healing situation now. Wayne Minshall's group arrived to do stream ecology work — a big thunderstorm hit right after they settled in. Two backpackers both alumnies of UI stopped by — one is a journeyman plumber and will help with the cabin tomorrow.

Bob's Air plumber package
10 July, Wednesday - 6 cow elk on Arnold twice mail
1st bench 0700. Minshall et al.
Sampled Cougars & Cliff Cks
11 July, Thursday - Minshall et al
sampling Goat and Dunce Cks

1 landing Wilderness Aviation to pick up
Barton

Ed Barton a 62 year old backpacker
appeared at 0900. He fell
Monday night, hurt his leg
up Goat Ck. and walked & rested
until arriving at Taylor Ranch.
He called out to Wilderness Aviation
to pick him up. He left his pack
up Goat Ck. & had been sleeping
out with no gear & little food.
Wilderness Aviation picked him up
at 2000. Lactating ewe seen up
Goat Ck. Dead lamb sighted
by Cougar Ck; no sign of predation.
12 July, Friday - Minshall et al
off for Chamberlain. Lisa found
old eagle nest up Cliff Ck. Rattle
snake in irrigation ditch by
airport shed. Moved it across river.
Plumber & helper flew out w/ Arnold.
13 July, Saturday - 1 ewe on 1st
bench 1100. Big coyote up Goat
Ck. Large population of knap
weed at mouth of Goat Ck.

4 bull elk across from Sheep-eater house pit flats 1730.

14 July, Sunday - 27 elk (4 calves) up & down the benches all a.m. 9 rams, one with half curl on 1st bench 1200 - 1400.

15 July, Monday - 1 ewe on bench 1700. 3 person Forest Service trail crew through - had been flown into Cabin Ck - spent a week working on taking apart the foundation and will spend 3 days on the trail between Cabin Ck & the Middle Fk.

16 July, Tuesday - 2 elk on 1st bench 0630

17 July, Wed. - Bear on 3rd bench 1900

18 July, Thurs - 14 sheep on 1st bench 1400. One was radio collared.

19 July, Friday - 1 ewe on 1st bench 1600 - 12 sighted above 3rd bench. Marshalls et al. arrived from Chamberlain

20 July, Sat. - Rattlesnake at bottom of path from Taylor Cabin to airstrip by gate. Moved across river. Minshie left for home through Crags. Unauthorized landing by group of fishermen. They landed without first checking the airstrip though the pilot had never been here before. We had water on the strip with bright orange hoses.

21 July, Sun - Nancy Matthew and Lyn Mineur from the Dean's Office hiked in from Big Ck.

23 July, Tues. - John Hendee, Bill Whorf (Wilderness Watch) and Patty Steger (F.S.) flew into Cabin Ck - Jeff met them with the mule to pack their gear. Hendee & Steger had planned to fly out of Taylor Ranch in p.m. but thunderstorms prevented

24 July, Wed. Steger, Hendee,
Whorf, Matthews & Mineur out.
Fish & Game flew in unannounced.
Terry Holowitz & Charlie Petrosky
to census fish in Rush Ck
mouth. Big Ck is really
muddy from the intense
rain.

25 July, Thurs. - Holowitz and
Petrosky out. Big Ck still
muddy & running higher.
Intermittent thunderstorms
with intense rain continue.

26 July, Fri - Jeff and interns
doing vegetation on Rush Ck;
Big cottonwood blew over.
Big Creek chalky colored

27 July, Sat. - Big rattlesnake
in garden - moved it across
the river with the other 3. Big
Creek still muddy but not chalky;
Rush Ck still chalky. Jeff &
interns put in pitfall traps
at mouth of Rush Ck. 4 cow
elk (& probably more) seen coming

down from 1st bench to water
2000.

(on 1st bench)

28 July, Sun - 3 cows & calve
0700. Saw 2 ewe & yearling
ram on Middle Fork of Salmon
from Fox Creek. The yearling
and one ewe were boughing.
Then saw 6 ewes & 3 lambs
on the same side of the
river as the trail down
stream from Fox Ck. - The
Middle Fk is clear but Big
is still muddy.

29 July, Monday - 24 elk on 1st & 2nd
bench at least 6 calves & 2 bulls
with big racks 0630. Cow & calf
across Big Ck from housepit flats
1000. 8 ewes on 1st bench
1530. Back packing vet, Paul
McWilliams looked at horses
thinks they are healing without
complication. Suggested we
use saline solution for
washing wounds.

30 July, Tues - Many elk up & down benches to river. We've heard them calling at night all week. Big Cr still muddy but clearing. Jess Taylor's great grand niece hiked through with husband. They are geologists in Texas.

31 July, Wed - Rattlesnake on bridge between Duplex and Taylor Cabin.

2 Aug, Fri - 4 ewes on 1st bench.

Interns out.

4 Aug, Sun - River almost clear, but can still see signs of blowout - eddies now have silty bottoms.

5 Aug, Mon - Lisa Lombardi, intern from late 70's hiked in from Big Cr w/ friend & 2 young boys (ages approx. 9 and 11) They had planned to stay here & fly out of here, but after a tour went down to camp at the Sheep-eater house fit flats. Blue Heron in tree by hay shed 0900.

8 Aug Bruce Rich & 3 tech. aids from F&G came down Rush Ck. doing fish census

6 Aug, Tues - Two rattlesnakes by Big Ck. Jeff stepped on one as we observed the other. One cow elk on benches

7 Aug, Wed - Possible? moose sighting in pasture below duplex

9 Aug, Friday. Five ewes & one $\frac{1}{2}$ calf ran up Cliff Ck; Elk heard calling to calves. Set up monitoring site in burned over mahogany stand.

10 Aug. Saturday - Rich and F&G crew flew out. Cow moose approx. 2 yrs. old along Big Ck close to Cougar Ck. Took pictures of colonies of knapweed at Soldier Bar & Goat Ck.

11 Aug Sunday - Moose (2 yr old, female) wandering all over range between 0830-0900! 2 Germans riding 2 horses & packing one rented from Whitewater Outfitters on their way to Twin Peaks Ranch. Wanted directions and to buy beer.

12 Aug. Monday - Moose running
all over ranch again 0500-2000.

13 Aug. Tues. - Went to Middle
Fk. Fresh moose tracks
seen on trail around closer
Sheep-eater House & Flat.

14 Aug. Wed. - Fire in Sec 22
junction of Rush Ck & West
Fk of Rush Ck started mid
afternoon. Spotted by Forest
Service tanker. We noticed
smoke in the air about 1600.
Climbed up on bench behind
cabin about 1815 and saw
smoke column. When we
returned at 1830 F.S. helicopter
landed to say the fire had
blown up to 600 acres. They
tried to jump it where it
was $\frac{1}{2}$ acre but it was too
windy & they couldn't find a
spot to land a helicopter.
They're going to watch it and
if necessary protect the ranch.

15 Aug. Thurs. Fire grew to 300 acres during night. Air is smoky. F.S. decided not to fight it due to steepness of country. Appar tried to jump it & drop slurry while it was still small but winds were too strong to get close enough. F.S. decided to protect the ranch. They set up communications & flew in 2 crews with gear. Will string hoses all around the ranch & set up pumps. Another crew will be flown in tomorrow a.m. Constant helicopter activity. Horses restless in corral. Saw small black bear running down Big Cr trail to Cliff Cr at 1130.

16 Aug. Fri - Constant helicopter activity all day. People everywhere

Crews helped with ranch work
firewood, septic backfill etc.
after stringing hose. Rain
started 1600. Very intense
for August rain, some thunder
and lightening.

17 Aug. Sat. Rain measured
.49, really put the fire down.
Crews will remain until
Monday to pull out will not
interfere with outfitter air traffic
to Middle Fork. Hose & pump
will stay in place until Sept.
in case fire flares up. Big
Creek started running
milky about 1500. Rush Ck
is still running clear.
Crews did lots of work around
ranch. Took down fence around
pasture across river. Built fence
around new cabin (w/ 2 gates).
Built deluxe outhouse for
new cabin, built pole fence
from Big Ck bridge west, started

building a sauna above Conyer Cabin, Started building fence between air strip and Upper pasture. Fire reached 600 acres before rain 18 Aug Sunday - Went to Sprge with 2 crews to do trail work. Saw the moose on the way back on the other side of Big Cr between Cougar Cr & 2nd Sheepator House Flat. Crews continued to work on ranch projects. The Union Crew finished a deluxe outhouse for the new cabin and the Redmond Crew finish the fence around the cabin with 2 gates. Rattlesnake removal from area around new cabin. Found 2 mating rattlesnakes on trail by Soldier Bar Crossing Big Cr. pretty much clear to day.

19 Aug Monday - F.S. crews pulled out today. Everyone was gone by 1300. Saw Con & string go up to Cliff Ck camp.

20 Aug Tuesday - Looked for salmon along the airstrip (again) Still didn't see any. Big Ck. is low and clear. Saw Con come down.

21 Aug. Wednesday - Jette, Mathias, & Tim left today. Leon N, Mike Scott, John Marshall came in on some flight for a couple days. Discussed research opportunities; John Marshall sampled leaf temperatures of cottonwood, birch, Douglas-fir and ponderosa to assess transpiration rates.

23 Aug. Friday - Ron, John & Mike left. Dean Hendee, Ken Cordell, Director of Recreation Research for USFS, and Ruth Monahan, Kootenai District Ranger, walked down from Cabin Cr - discussion of research opportunities

24 Aug Saturday - Dean, Ken, Ruth leave. Ron Menden in to shoe horses. spotted 3 rams on 1st bench, largest slightly less than $\frac{3}{4}$ cwt - about noon.

25 Aug Sunday - Ronhardy family in for memorial to Frank Ronhardy who died suddenly while working at a dig in Hell's Canyon. were here all day. High winds during afternoon inflamed brush fire. went to ~2000 ac. heavy smoke in canyon

26 Aug Monday - a lookout crews in today - Caven & St Joe Forest. Bill Murphy & Tom French in again to run the show. fire is within a mile of the lookout. Apparently Con Hamhans houses were spotted near the lookout. FS set up a satellite dish for phone communication. Even have a FAX machine!

- 1st salmon I've seen this year at end of airstrip near swimming hole
- 27 Aug Tuesday - fire crews work on ranch projects - remove remaining fence from lower pasture, finishing sauna, turn around windmills & doors of new lat fire spatter along, no major changes in its perimeter
- 28 Aug Wednesday - fire crew spotted a sheep in cliff across from crossing at east end of airstrip. surveyor with all the helicopters and generators running from 0700-2200 hrs
- 29 Aug Thursday - more salmon spotted along airstrip & dead salmon in pools near Cabin Creek. The fire creeps along
- 30 Aug Friday - bear seen by fire crews across from airstrip climbing up short face near gate along Big Creek trail
- 2 Sept Tuesday - last 3 days we've seen the ends on hot bench sunny day; even while helicopters are coming in. Rush Creek fire near Rush Cr lookout - fire retardant dropped around lookout

9/3-9/6: Rush Cr. fire makes steady progress. Wayne Marshall calls; wants to come in to place sampling equipment in Lewis Cr. in case fire burns over drainage.

9/7: Wayne Marshall & Chris come into Big Creek; flown by USFS helicopter to here. Sampling equipment left at Big Creek

9/8: Marshall & sampling equipment arrives mid day. Wayne, Chris, I. & 2 fire crew (Eric & Kim Gaylord) made up Rush Cr. to mouth of Lewis Cr. Got there late and we spent the night w/o shelter, sleeping bags, & a few peanuts & raisins. Very cold so we spent the night huddled around the fire.

9/9: very hungry & tired we hiked straight up narrow ridge from mouth of Lewis Creek to saddle into Pioneer Cr. Very hard going

fire crews are trying to move near cookhouse

and even tougher with no energy from lack of food & sleep. met in bottom of Pioneer Cr. by a fire crew with food. 1 of Jess Taylor's old camps in saddle we passed through.

9/10: Wayne & Chris fly out to Chalks. weather gets cold & wet. Rubber fire not doing much.

9/11: Jim Ruth flies in on mail plane to get his mare & mule. Helena & Lt Joe crew demobilize, replaced by Ta Grande 1HC.

9/12: I ride with Jim to Gardner Cr. then back to ranch on Gray. Jim plans to go all the way out to Big Creek; ^{ran into young cow mosse between Ram Basin & Salmon Basin}

9/14: USFS demobilizes. leave pumps, sprayers, etc here. weather cold. no smoke.

9/15: ab sheep on top of slope above 1st bench. didn't get a good look at them. very low-flying plane (\approx 50-100 ft)

flew up canyon, partly shadowed by trees, flew length of ranch this morning.

9/17: USFS helicopter in; Craig Lewis & Peggy Hefner - budget, contract people began paperwork for stolen chop, brush, and use of ranch during fire protection; Ray Arnold flew in for empty propane bottles hunters rode by; I shooting several times at something below the trail on the ranch. Didn't respond to my calls but rode on.

9/19: Pat Davis and another hunter came through up Pioneer Cr. with sheep tags & other gear (Dick Morton & Darryl Leaverton?) stopped by on houses to view range & learn some of its history. Both went to CT in 1950's. 1 doe & 2 fawns in corral & hay stack. Pasture is pretty well eaten down. 6 house

for 4 months is a bit heavy for
the anatomy & main posture. 6 ewes
sighted this afternoon on low bench
west of 1st bench. no lambs seen.
but didn't get a good look at all of
them.

9/20: bear tore apart composter near
Taylor cabin for second night in a row.
Chuck Hawkins, USFS, investigator flew in
to question me about stolen tools. told me
there a savaty cannon abandoned during
the greater campaign somewhere in lower
Big Creek. This story he'd gotten from the
nephew of the fellow who's found it in
recent years. found old 5 gal. can
with bottom rusted out hanging in tree
above trail to Rush Cr. bench. I wonder
if it was used to bait bears or cougars
or something. very windy this afternoon
and warm. smelled a little smoke
but no plumes of smoke visible from
Rush Cr. bench.

9/21: Pat Dorris came of Pioneer Cr. Today. He found a large ram (> full curl) skull with horn sheaths. Wandy most of the day climbed to second bench & watched smoke plumes in Rush Cr. can see entire faces burned off. appears that fire has reached mouth of Lewis Cr.

9/23: eventful day. Mark Barth, Wt safety person, Art Partridge flew in this morning Art blew up a box of blasting caps found in the old propane freezer behind the Canyon cabin. Quite a bang. Completely disintegrated everything. Blew it on the gravel bar along the arroyo. I discovered a box of coyote getters and styrofoam poison in the Taylor cabin other. Mark & I discarded another can of styrofoam in the shop. All these and many more toxics & hazardous wastes were blown out. All the methathon was blown out too. So I'm finally getting most of the harmful stuff out of

here. Neil Roach[?] stopped by with a very lame Appy mare. We gave her some penicillin for an infected foot from a gruncture wound. She had a mess of other wounds which I doctored. Watch a nice size cinnamon-colored bear in the main pasture by the bridge. It was feeding on something but was very watchful. Beautiful full moon tonight. Fine Indian summer day. As it gets darker, deer have come out into the main pasture feeding. I imagine they'll be hitting the hay stack soon.

9/24: bear tore my laundry off the clothes line. along with deer, the bear has been eating mtn. ash berries around cabin. streams are getting colder. found 7 juvenile salmon (w/pan marks) in main pasture irrigation ditch apparently they're moving downstream into warmer water but getting diverted into the

ditches, so I shut down all the ditches.

9/27: John Murdy flew in today. He'll manage the place until Ray Grier comes in November. Steve Gettle stopped by for awhile. Reported fire lines on Dance Creek in response to Golden Creek fire and bark bunnies goat tr which burned up their camp in Goat Basin

9/28 Jeff left this morning with the stock. He is planning to get to the Mormon ranch tonight, the ranch tomorrow, and fly to Moscow the next day. It has drizzled all day long.

10/1 The Forest Service came in today and collected the remainder of their hose, pumps and radio equipment.

10/2 Arnold brought in a refrigerator for the cook house.

10/11 Two airplanes came in, bringing five State Fish and

game persons, and an ewe with lamb. The ewe had been darted up Big Creek in the spring, and the lamb was born in captivity. The pair was placed in the middle of the airstrip. Radio telemetry collars were placed on them, and hobbles and blind folds were removed. Both mother and daughter sprung up and headed towards Big creek, but in minutes were going in separate directions, possibly due to lingering effects of tranquilizers. The ewe crossed Big Creek and started a meandering zig zag up the slope, paying little attention to the lamb. The lamb ran down (west) the airstrip and then back up, as we attempted to herd her towards the creek. Finally she laid down. After another vigorous herding session, we finally got her feet wet. On our last try, she went center stream, but rather than cross Big creek, she ran down the middle

for 75-100 yds. Finally she did cross, and followed the same circuitous route as her mother, who was by now slowing her upward progression, possibly in waiting. This entire incident took over an hour from the time the sheep were initially released. I was given a number to call if it appears that they haven't gotten back together.

10-12 The ewe came back down the slope near dark last night, but headed up the hill alone. I did not see the lamb. Today I walked around the slopes above Cliff creek, without any sign of lamb or ewe.

10-13 1700 - I looked over and saw eleven sheep, ewes and lambs, going around a corner. I couldn't tell if any were collared. It's the first sheep I've seen in 5 weeks up here (off and on). They must know that:
1) The fire crews are gone.
2) Sheep season ends today.

Jim & Holly,

Here's my journal from Taylor Ranch in 1988, that I've been meaning to send for 6 months now.

Hope yours having a good summer.

Love,
Tommi



P.S. Just received a letter from Ray. He said you may be heading back to Taylor Ranch! What did you decide?