

Jick could help Pete Reese in measuring the haystacks (formula sent by Marion Lucas in "haying" file folder?)

in "Doig family mementoes" archival box is a Monthly Time Book which cd be possible model for Jick's day-keeping book. In the front pages in Dad's writing are notations of haystack dimensions, like this:

Stack No. 1

length 25
width 23
over 39 ft.

Stack No. 2

28 ft. length
24 ft. width
43 ft. over

good detail from George Engler interview, in "1930's details" category:

firecamp cook who got into the lemon extract; thus Marie, like Engler, cd be aware of haying crew thirst and knew you had to keep the vanilla ~~and~~ extract and lemon extract gathered up (and hidden).

Stranahan

224--cut hay on Teton river bottoms, on the gravel (sweet clover). dump raked it, then forked it onto wagon and take it in and stack it.

John Alwin, ^{MSU?}~~UMont~~ geog prof rec'd by Bill Lang

--has made study of Mont. transportation patterns, 1910-40s

-- " " " " beaverslide

Leeper, Lonnie D. "History of Hay and Community", m thesis, Wash St. College 1941
(cited in McGregor dissn)

stories of high hay prices in winter of 1919-20: see Watson and Stuart WPA
items in "ranch" lingo file

Janice Jones

p. 135 - haying meals: cook up abt 4:30 to start b'fst,
of potatoes, meat & gravy, & biscuits.

- dinner at 12 noon,

- supper, potatoes, meat, gravy, dessert, hot & cold drinks,

Janece Jones

r. 133 - hay stacking: stacker team drivers was a kid
because he'd take cussing of stacker,
but a man wd quit.

Mont HS

978.6615

B413h

Bell, Edward

Helena and the great depression, 1929-35

(Carroll honors thesis)

36--farmhand wages "most often quoted": \$2/day, room and board

--barter: bought used gasoline engine needed on ranch for 2 doz.
eggs--valued @ 50¢--every week for 25 weeks.

37--East Helena smelter shut down June '32-Jan.'33.

Satellite

14 - put. lingers on haystacks

swinging stacker: pic in Buckingham (or Gertrude McS's) photo album:
4-cornered tripod, fork lifted by team, while the "swinger" runs
a lever which swings and angles the forkload when it reaches top
of stack. Both Rick Buckingham and I were impressed with straightness
of the resulting stack.

power buckrake: used in late 30's?

worker.

As a OO, he had two speeds, slow and reverse. Slow could be put up with, but reverse took him to town (or bunkhouse, looking for gloves...)

- use a hayhand? Stocker, maybe.

the surprise of learning last names of men of ^{haying}~~haying~~ crew

Adams - Words

3) ~~2~~ - summer name: alias

It never occurred to me until later that some of those might have been summer names, aliases... (of haying crew)

dump rakes bunch hay for bull rake
(Golden Fleece, p. 224)

ranch crew:

men scrape dishes into slop pail after meal, stack them (on drainboard?)

Bygone

90 - Dep'n wages: \$15/mo, \$30/mo during Cambing

- took groceries as pay

B gone

Vi Sullivan

212 - 1935 pic of haying on Sullivan ranch;
erectly beaverside

Dell Stark diary, Aug. 5, 1940

--hay rake with so many teeth ~~it~~ out it has "pyorrhea"

Felonry

- hay crew?

Stacking hay on such a day ~~ix~~ can be compared to tending furnace on the south side of hell.

calluses on Jick's hands

find a Big Hole ranch with old haying equipment: scatter rake, buckrakes

--check formula for measuring tons in a stack.

all summer (and with men of Mac's trail crews, too), you might work with a guy you called Red or Slim, then when he was paid off find he's named Milton Huttleby or some such.

#MS - #unit

Biology

7/31/23

Found a junco's nest at 3 Forks R. Sta. Flathead built in the grass under the station clothes line. Three well grown fledglings. Parent bird or birds very busy carrying insects to the youngsters. Men at the station say both parents take part. In coming to the nest the parents seem always to alight in a tree at for a brief observation then slip down to the nest and away again very furtively. They seem to approach and leave always by the same route.

The red-capped "salt birds" (finches) are common where the horses are salted at this station and at Gates Park on L & C. Forest and Alice Creek Sta. on the Missoula.

FHS-7 limit

Veterinary Science

Feeding Sick Horses

General - grain, should be 1. clean, 2. fresh
3. palatable 4 easily digested. 5 suited to the animal in
quantity and quality. For a sick horse plenty of bran-
mash. Is also of great value for a well horse. Should
be scalded with hot water and be salted. Lacking bran
steaming oats for feed is useful. Crushed oats, is of
value. Steamed oats should be kept in hot water for sev-
eral hours. Oil meal is always useful. Steamed
barley. Always reduce feed 50% when horse gets a
day or more of rest. Azoturia, black water or staggers is
caused by not reducing feed when the horse is laid off.

Clower Hay is good if not dusty or too old, or stack
burnt. Do not feed too much.

Feed must of your hay at night
Timothy hay should not be over
ripe & over cured.

Wild hay for horses is best.

Feed daily 1 lb. or a trifle more
of hay for ~~at least~~ 100 lbs. of
animal for a working ration.

Grain ration should also be a-
bout 1 lb. for each 100 lbs. of an-
imal.

Beware of feeding green clover es-
pecially when it is wet.

Roots of feed should be chopped to pre-
vent choking!

Stall should be

1. Large, Clean, Light & Airy.

Should be cleaned on floors and walls
and disinfected with coal tar dis-
infectant mixed 5% of 1 gal. quart
Walls should be coated with white
wash with 5% of ~~whitewash~~ carbolic
acid per gal.

from Eng Cir: "Forest Service" record category

Horse named Daylight, because of space between him and others in packstring.

having

give the entire table lineup at ~~Double~~ W supper?

possible use with Jick on rake imagining travel elsewhere in Montana:

--young braves on the Old North Trail, perhaps wondering as I did: what those people along the Stinking Water and the OO are like...

Pete's horse buckraker is one of those guys who has 2 speeds, slow and reverse--
reverse takes him to town, for a drunk.

lather lines of harness sectioned over horses

butts of hay

the feel of high hay against your hands as you walk through it

(have Pete and Jick do, while they 're getting ready for haying?)

8 Jul '82

- feel of wet alfalfa: my hand came up wet after thrusting it in; cal see water on stems & leaves; purple blossoms had wilted
- summarize: drying on top, but soggy wilted look beneath (^{just} under) top layer. Hay will need to be turned before stacking.
- possible use: heavy rain ends haying for ^{a couple of} ~~next~~ days

Saturday

8 - harness repair; sewing, mending & patching
- Jack & Pete do before haying?

14 Jul '53 - Big Hole

- sage flats near bat field
- wall of mts all around - no pass to be seen
- few mi. up b'ld, road descends small hill to Wüdem hay meadows;
beaver slides standing in fields
- big, booming open spaces, all directions
- mosquitoes in swarms
- b' slides hi as 2-story house

haying: last stack of the summer is the biggest, the rancher not wanting to finish up with just a dab of one. The crew builds and builds the stack, the stacker forking the last loads up off the stacker teeth. When they're done the stack is measured (or would it be measured later after the hay had settled?), Jick doing the arithmetic as the rancher does the measuring. (measuring formulas in haying file)

haying equipment:

overshot stacker

bunch rake

scatter rake

mower

horse buck rake

power buck rake

Hay crew (Dogie, Hunolt, Shline rec'r 78)

3 mowers

2-3 sully ~~rakes~~ rakes

3-4 buckrakes

2 men on stack

stacker boy

Clifford Shearer, side 2 of his tape: put up hay for \$2/ton during Dep'n.

--might average 50-60 tons/day

--12-14 tons/stack: 20-22' long, abt 20' wide (translate into paces); bigger than that, you worked yourself to death on stack, smaller it wdn't stand up. If leftover hay in field, butt was built against stack.

--stacker got ~~\$1~~ \$1 more/day

--hayhands paid by day, so weren't paid if it rained.

--mowing tough wild hay: go 10' and get plugged up, unplug and go another 10

haying (Fred Buckingham tape)

--mower man who would follow the hay north; wd take no job but mowing; cd drive ~~the~~ broncs on a mower.

--changed mower teams every half day

--10-ton stacks, 4-5/day

--2 head rakers, 2 scratch rakers

pic of power buckrake, circa 1940-1, on back of 2nd p. of Grandma's large photo album, amid pics of me as toddler at Stewart ranch.

stacker arm breaking

holding hay on stacker fork with pitchfork (while buckrake backs away)

--probably later than 1940: riding in jeep or pickup with the stacker driver

constant breakdowns

(Pete says: "We keep breaking.")

rattlesnake coming onto haystack in stacker load of hay

(story told by Jim Bill?)

the hay was curing fast, ~~in~~ these hot days.

from Mariah "misc." filecd

Gasoline horsepower began then to replace actual horses.

Horsepower has taken over ranch work from horses almost entirely these days.

Barbara Twichel (nee Manger), WSS; videotape of haying

hay stacker: Big Hole Keefe

--only Jick, from keeping day book, knows his real name is "Melvin", or some such.

having worked on Big Hole hay crew is equivalent to railroader working in
the Pocatello (?) yards or a smeltermen on OO at Anaconda...

...the horses tugging as if pulling closed the ring of the world

Told C'sen of cold shoulder at Davis Ag History Library, he said write Wayne Rasmussen in Wash DC, they have file cards there.

not
in CW

History of Hay & Community - Leeper, Lonnie D.
WSU MA, 1941 - cited in McGregor thesis