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AMERICAN INDIAN HISTORICAL RESEARCH PROJECT

University of New Mexico

Tape Number: 18 #779 Side One

Tribe: Navajo

Informant: #2 & #1

Informant's home address: Tuba City, Ariz (N.W.)

Band or Clan: Red App, Bitter Water

Date and location of interview: Feb 9, 1971

Field Worker: Martin D. Tapper

Date of transcription: March 4, 1971

Contents:

Side 1

A. Sheep Shearing

B. The tools made for weaving.

Side 2,

A. Picking piñon nuts (piñon)

B. eating piñon nuts. (piñon)

Evaluation of Interview:

Future Prospects:

Sheep shearing  
Tool made for weaving

Tape #779  
NAVAJO  
Informant #1 & 2  
Tuba City, Arizona  
February 9, 1971  
Interviewer - Martin D. Topper  
Tape 18, side 1

This is Feb. 9, 1971.....We are working with informant #2 today....tape 18, side 1, we are going to do a little ....more of the analytical type work today. We are going to talk about, to begin with the November 11 interview. We are going to start with sheep shearing..... for your information, the noise that is in the background is the damn Coleman latern again. And there is very little I can do about it tonight because the electric light is broken down. You will have to sort of go along with it, we will speak as loudly as we possibly can....

Q. Okay, let's talk about sheep shearing from the November 11 interview and the first thing that I want to do is to compare that description with the description that we got the other night....you know, get the description that we got from grandpa on Sunday.....and here we go.....let's see....this description of sheep shearing is much more detailed, I can see that right now..... it starts out that it is an eight step description, and the one that we have from the November 11 interview, you take a look at it Donald....

A. This is from a different interpreter, huh?

Q. Yeah, that is working with Roy Williams....and here you seeput 10 or 15 sheep in the corral, drive out about one or two at a time, tie them up and get the shears and cut the wool off, that is all that they have from that interview...here is a different one from a different interpreter.... He said catch about 50 sheep, tie the sheep up, shear it, and then he gave me a description for shearing....you start towards the knees, you shear towards the body, shearing towards the body, stick in the shears a

half an inch and squeeze the handle...and it goes on and says, turn the sheep over, step 4 and repeat for the other side and step 5 is pile the wood in the shade so that it won't dry out and become lighter in weight....take the wool and throw it in a ten by three foot gunny sack, fill the sack, pack it down hard....with your feet....and step 7, you sew up the end of the gunny sack and step 8 is you put it inside....

A. Gosh, how many steps did he give you?

Q. Five....and you give me eight with details, smaller.... you see how it works....

A. Yeah.....

Q. Okay, so what we are going to do is we are going to do the February 6th interview you know what I mean? So we are just going to take the November 11th plan and put it away, we are going to finish out the Feb. 6th interview, remember....we didn't miss a day too....

A. We-1 I told dad the wrong day too....

Q. Oh gee, what did he say?

A. He was writting a letter...

Q. Oh that is alright...

A. No, he had to write something out because they were having a meeting....Saturday and he has to date them all...he asked me what date it was and I said the 6th....Sunday...and I said itwas the sixth and he said "Well how do you know?" .....and cause we figured it out, me and Marty.....

Q. Shoot, now you are going to get me in trouble..... Alright, it is corrected by the Feb. 6th interview... Okay, so step #1 on Feb. 6th interview....is catch about 50 sheep in the morning...so how, is that the really early morning, Doanld?

A. Yeah, you want to start out early....

Q. Let me open the door...Okay.....how would you say that in Navajo, catch 50 sheep?

A. Navajo language.



- Q. Can you give me a little bit more description about how you catch 50 sheep in the early morning.....?
- A. Well....first, have, you would, catch the ones that aren't shared....
- Q. Yeah, I know, but how would you catch them and how would you catch them and keep them from escaping from the others...
- A. Well you wouldn't catch them but you separate all the...well you just let them out and the last 50 that comes around, then you shut the door on them and make sure that they don't get out....
- Q. Let the sheep one, that is the first one and B, shut the gate....on the last 50....that is the first morning, right?
- A. Yeah...
- Q. But on some other mornings, the last 50 might have already been sheared, so how do you separate them then?
- A. And then the first 50 then you would probably....
- Q. Okay, let's say that they are all mixed up, some are sheared and some aren't sheared..... How do you get the ones that are sheared away from the ones that aren't.....?
- A. A rag, you put them in the face and then the sheared ones come by....come by you, but the ones that aren't sheared.....then they try and go by, you get them back...
- Q. So it would be, let the sheep out again, that would be the first step again, right?
- A. Yeah.
- Q. Alright so how do you say shut the gate on the last fifty?
- A. Navajo language.
- Q. Now step A, of every other morning is the same...now chase the ones out, you want to shear back by hitting them in the face with rags.....



A. Navajo language.

Q. Okay, can you describe how you tie the sheep up now.....Donald? Oh wait a minute we have that.... okay we have got as far as tying the sheep up on the first interview session of Feb. 6 so that is page 5, Feb. 6, Donald's interview....that is on side 1 of tape 17, so we will go straight on to step three...this is the other interview that we covered on that day...and this one, step three is shear it, or shear the sheep..... Okay, you want to say how that is done in Navajo?

A. What shear the sheep?

Q. Well not say how it is done, but translate how you say shear the sheep....

A. Navajo language.

Q. Okay, now the night the old man gave us two steps and one has two parts...now...Okay...the first part here is start from the knees....

A. Start from the knees?

Q. Yeah, which is the knee, in the back or the elbow in the foreleg...

A. It doesn't matter...you could start either place...

Q. Yeah, I know but how do you say it?

A. Navajo language.

Q. Okay...I guess you couldn't go much farther...okay step 2...is shear towards the body, towards the B O D Y..... How do you say that in Navajo?

A. Navajo language.

Q. Okay step A, stick the shears one half in deep in the wool...so stick the shears in so that there is one half inch above them....that is what he said.....Okay how would you say that in Navajo?

A. One half inch above them?

- Q. Yeah, so that there is a one half inch of wool above them....yeah, go ahead...
- A. Navajo language. I can't say half an inch....
- Q. How would you say that in Navajo....? You said half an inch but what did grandpa say? How did he say it? Figure that out...
- A. He didn't say that, he just told me to say it but I just gave you the extra detail....
- Q. Okay, okay...you say it in Navajo then or something equivalent to it in Navajo.....
- A. I will tell you what he told me....
- Q. Okay....
- A. Let me think about it...put the shears in a half an inch above the....
- Q. What does it mean?
- A. He said you don't stick the scissors in, not too thick about as big as the tip of your finger around.... so.....and I thought that that about one half an inch.
- Q. Okay, now I see how it goes....about, and I will just put a finger width of wool above the shears....
- A. A good fingers width I mean....
- Q. Okay.....B...of number two of page nine of the Feb. 6th interview, the later one...said, squeeze the handle of the shears.... Okay, now how do you say squeeze the handle of the shears in Navajo?
- A. Navajo language.
- Q. Okay, now we can do step four which is turn the sheep over and repeat for the other side.....
- A. Navajo language.
- Q. Okay, can you describe how you turn the sheep over?

- A. Well....you just grab the foot and roll him over... cause it is already tied up anyway...
- Q. So step B would be turn the sheep over...and step C would be shear the sheep wouldn't it?
- A. Yeah.....
- Q. Okay....so how do you say grab the feet of the sheep....
- A. Navajo language.
- Q. Now how do you say roll the sheep over...?
- A. Where is that?
- Q. Right here, you have got him by the feet....what is so funny about having the sheep by the feet.....
- A. Erase the "go" and put this one down here....I gave you both of the.....terms...so erase one.
- Q. Okay, so shear the sheep, you are going to have to give it to me again.
- A. Navajo language.
- Q. Let's see so on the plan here, we can repeat plan three, right?
- A. Yeah.
- Q. Okay, so under this, it is just a repeat of step three...so let me write it down.....which entails one, start from the knees to shear towards the body.... and two A, which is put the shears in so there is a fingers width of wool above them... And two B which is squeeze the handle ofthe shears...okay, so that is just a repeat on step three...so let's go on to step.... that was step four, so step four has step three included within it and I will have to show that on the verbal action plan.....Okay.....let's go on to step five... Step five which says, pile the wool in the shade so that it won't dry out and become lighter in weight....how would you say it? Go ahead and say it.....
- A. Dry...dry.....



- Q. Pile the wool in the shade so that it won't dry out and become lighter in weight...
- A. Navajo language.
- Q. Go ahead and say it....
- A. Navajo language.
- Q. Alright, can you describe the steps in piling the wool in the shade, is that really possible or do you just throw it?
- A. Throw it....
- Q. Alright six, pick up the wool and place it in a ten foot ....that is mine, you can't say ten foot by three foot.... in Navajo, but pick it up and put it in a ten foot by three foot gunny sack.....
- A. is about the only thing that I can say, a very big gunny sack.....
- Q. Alright.... So alright how would you say it in Navajo the whole thing?
- A. Ten foot by three foot....?
- Q. Yeah, that is what you described to me before...
- A. I said about that long that day and you said something about ten by twelve...
- Q. I said ten by three....
- A. Oh, ten by three.
- Q. Well I am guessing....
- A. So was I.
- Q. Well it was a big sack...
- A. Let's see if I can say that alright.....?
- Q. Well see what you can say...you don't have to say ten foot by three foot....
- A. You put it in a very big gunny sack.....  
Wait let me try my techniques out.....

- Q. Okay, there are a few steps in here, step A, fill the sack full, how do you say that?
- A. Fill the sack full.....
- Q. Step B, is park it down hard with your feet....how do you say that in Navajo?
- A. Navajo language. You know what tiooyitbizh translates to?
- Q. Gunny sack.....
- A. No what it really means is weaved hay....or weaved grass.....
- Q. That is very interesting, because that is a basket, right?
- A. A basket is different....
- Q. Oh, what is a basket.....
- A. Navajo language.
- Q. So a gunny sack which is weeds grass, originally mean mat or things like that, huh?
- A. Yeah, probably they made things out of weeds or sacks like that before...that is probably where the word, weeds grass came from.....
- Q. Originated....step 8, put it aside and pick up the next one....put the sack....put the filled sack aside and pick up another....alright how do you say put the filled sack aside and pick up another?
- A. Navajo language.
- Q. Alright is that it.....? Okay, do you want to go and pick up your mother now?
- A. Yeah.

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I have just had the Black Uher tape recorder fixed again  
....for the last time, and I want to make a test on it...  
....to make sure that it is recording properly cause I  
am going to start to use this one again and see if it is

usable and if not I am going to get rid of it and have you send me up an RCA....okay, let's get the test over.... This is February 11, 1971, this is the new tape recorder, ....we are going to talk today.... Oh, why don't we ask him how he makes a spindle, okay?

A. Spindle?

Q. Yeah, he makes the different tools for grandma's weaving doesn't he? Why don't you ask him what the different tools that he makes for grandma's weaving...? Okay, let's go ahead... Ask him what tools he makes for her first of all.....

A. Navajo language.... You know that wide thing that go through.....

Q. That batten...

A. The batten that you hit it with, something like that....

Q. Well just give me the list that he mentions....Did he give you a list?

A. Yeah.

Q. Well give me the list....

A. The batten...that you beat down with and the spindle and then the, the one tool....

Q. The headle.

A. It is kind of wide.....

Q. Yeah, it changes the size of the warp.....which side of the warp that you are working with you go like this and go through and you go back.....

A. Yeah.

Q. You call that a headle....

A. And that too....



- Q. Does he make the comb?
- A. Yeah, what comb...?
- Q. Well she uses a batten just like a comb, right?
- A. Yeah.
- Q. Well it is a comb type because there are some that are not.....well go ahead.....what else....? Go ahead...he makes those three tools for her, right?
- A. I guess another one...Navajo language.... Different kind of, there are alot of tools to make, all of those for the rugs, because he makes all of those.....
- Q. So okay, give me the....
- A. Navajo language..... He said that he makes these big poles you know that goes on through here, and around.....
- Q. He makes the frame too, huh?
- A. He could make it but...they are made out of two by fours also.....
- Q. But he could make it if he wanted to, huh?
- A. In the old days he made it.....Navajo language.....He told me how to make a spindle...and before that he told me how to make the different types of comb and the other things.....
- Q. Okay, tell me about the spindle.... Everybody is tired tonight...
- A. Well first.... Navajo.....
- Q. He is really tired.....huh?
- A. Yeah.....
- Q. Well tell him that you will just tell me what he told you and then he can go home...okay? And then we will start again tomorrow night because he is tired....okay?
-

- Q. Okay...anyway let's go back....how do you make a spindle.....? Translation of the whole deal.....?
- A. First you look for a straight hard wood that is kind of long and don't have any bumps in it and the type that you make arrows out of and he says that then you will cut one of them if you are going to make some.....
- Q. Okay, what is the third step...after you cut it?
- A. You cut it and then you smooth it....whittle it down and you use sandpaper...
- Q. Do you do both?
- A. Yeah, you just combine those things.....
- Q. You whittle it and then you sandpaper it, huh?
- A. Yeah.
- Q. Okay, what's next...?
- A. And then he said that you make the top and the bottom, you make this end so that it thins down.....
- Q. Tapers.....
- A. You tapers down on the bottom...
- Q. Okay, make the top taper to a point?
- A. Yeah and the bottom kind of big...and the way it grows he said that it is big at the bottom .....it tapers down like that, the width...and then he said that about that much from the bottom he tried to make it that long.
- Q. So the difference between the flywheel so in other words you put the flywheel about a 1/4 way up from the bottom, right? I mean it would be about 1/4 way up, right?
- A. Yeah.....and then the wheel, it is about that big, it depends on how big you want to make it; you could make it small or bigger...small or little...and you could make it anyway you want to.....but first you have to.....

- Q. Now seven you make the flywheel right? Any size, right?
- A. Any size....
- Q. Alright, go ahead...how do you make it? Okay, what else did he say?
- A. Well first you draw a circle...just a circle, make it even and then you .....
- Q. On what, what do you draw it on?
- A. Well first you, I don't know, on a piece of wood..... you make a circle and then you measure from the end to the center....and all four sides north, east, west, and south..... Alright, and you measure like that...and then.....
- Q. What do you use to measure it?
- A. Ruler...
- Q. Ruler....?
- A. Well what do you use.....?
- Q. Well you could use a piece of string...a stick...
- A. Well maybe so.....
- Q. But he uses a ruler...okay...I don't care, let's go .....what is the next one?
- A. And then after that, you get a drill, drill it through the middle and then if you don't have a drill you drill it through the middle.....
- Q. Okay, if no drill then what do you do?
- A. A wire, you stick it through there....
- Q. And punch a hole through the middle? It is not very hard wood then?
- A. Hard wood.....
- Q. Pretty hard isn't it?



- A. You heat...you heat the wire...red, red, red, red hot...after you get it red, red, red, red hot.... you get that red hot wire and then you put it through the wood.....
- Q. And you sort of twist it....?
- A. Yeah, you sort of twist it....burn it through..... and then you have got a red, red, red, red hot hole....
- Q. Okay....go ahead...what next happens in this great adventure.....
- A. After that, then you can get something you know and kind of make that thing bigger through and sand it really good....
- Q. Get something, like what would something be, knife....?
- A. Probably and.....
- Q. And ream the hole out, right?
- A. Yeah or else you can burn it with the wire....
- Q. Alright then what do you do, D, we sand it, right? Then what do we do, what is the next step?
- A. Then we take the dowel...you might call it and you take the dowel.....
- Q. D O W E L....dowel.....
- A. Probably.....
- Q. You know that you are a wise ass.....you know that....
- A. No.
- Q. I just told you so....
- A. You take that you know and you put it on the long, you put the stick into the hole...
- Q. Gee whiz....could you give me a better...alright, you shove it in the hole, right?

- A. Yeah, take that stick and shove it in the hole...
- Q. Alright that is what you do...
- A. And you do like this...
- Q. Oh yes and now he is going to demonstrate....that is great...he just put a pencil through my ruler...now we know all about putting sticks in holes..... that is how you do it and so what else do you do....?
- A. I just demonstrated it....
- Q. Put sticks in the holes because it is bigger at the bottom than it is at the top...
- A. Yeah....
- Q. And they don't use glue or anything?
- A. No....
- Q. Go ahead....
- A. Stick into the hole...
- Q. And is that how you make a spindle....you don't glue it you don't solder it, you don't cement it.
- A. Oh, you might glue it if you have glue.
- Q. If you have glue.
- A. Then if you don't have glue, you just going to have to do without....
- Q. How do we make a comb for the weaving?
- A. He says that you get some kind of a wood that is suppose to be really hard....
- Q. You get a special hard wood.....right?
- A. Yeah....and it is suppose to be about that..... like that, big around....
- Q. About three inches...you get a log, right?

- A. Yeah, fairly big.
- Q. About four inches through alright...in diameter....I guess he wants us to come and help with the chores tomorrow doesn't he?
- A. Yeah, he said come real early...
- Q. I would have been up there tonight except that I couldn't find you...
- A. And I would have come over alot earlier except I felt sorry for Kii. I didn't want him to start crying.
- Q. Oh yeah, you had him at the hospital didn't you, that's right... Well did you tell him that is why you didn't come over?
- A. Yeah.
- Q. Well what did he say about that?
- A. Keep away from him...
- Q. Is that what he said?
- A. Yeah.
- Q. I think that he is crazy...
- A. Try to chop somebody in the back of the head...
- Q. For no reason at all...
- A. He hates that mother fucker though...no he wasn't drunk, he was just coming back from school.
- Q. He was just coming back from school and he decides to walk up to someone and kill him...
- A. No, he said that he hated him....
- Q. Mary Ann slits her wrist.....Lester tries to kill himself with pills and Kii goes around trying to break peoples neck....
- A. Hit him in the back of his head and busted his arm....



- Q. You see what happens when you watch movies on sex and murder.....see what I mean, this is ridiculous.... couple of comedies out there....
- A. There is no such thing as comedy movies down there...
- Q. I know it...nothing but Freudian death wishes....
- A. All they show here is Clint Eastwood....
- Q. Clint Eastwood.....did I tell you that at one time last year I was watching that movie Coogans Bluff.... Did you see it?
- A. Yeah, I seen it a couple of times....
- Q. It opens up about him beating up the Indians....and I was the only white guy sitting in the audience.....
- A. Huh?
- Q. I was at a community center and a white guy beating up Indians and here I am sitting in the audience...you know, that...I felt really pretty bad about it....
- A. What did somebody do, try and beat you up?
- Q. No, thank God.....It would have been a massacre...
- A. Yeah, stupid ass.... went to New York with these cowboy boots on and every thing....
- Q. Just like Harry...like General Custer said, where the hell did all of these Indians come from...just what I felt like...
- A. I like that move...I think it is quite cool....so....
- Q. So much for sex and murder....
- A. So much for Clint Eastwood....
- Q. What are we going to do now, what is the second step....?
- A.
- Q. Yeah, you said the piece of wood....

- A. You either saw it in half or you carve it in half....
- Q. So you split it lengthwise?
- A. Yeah, you split it lengthwise....you don't have to.....that split it is for the other thing.
- Q. For the spindle?
- A. No...batten....that is what you batten it down with....
- Q. Yeah, that is the comb....the bat.
- A. The other thing that goes....
- Q. The headle...that is the headle....
- A. Wait, it really works good for headle.....
- Q. He said that it is too soft wood....it would bust.....
- A. Grandma would cut it in half and use it.
- Q. Well what the hell am I going to use to draw pictures with? Buy another one..okay, so what are we going to do now? What is the second step for making a comb?
- A. The second step would be you get a root of something, it doesn't have to be root, but it got to be a wood that is hard, and then you start, you draw an outline of it....first out there around the board or the wood....or the plastic or whatever you are making it out of....
- Q. You would draw it with the pencil?
- A. Yeah, draw the plans on their first.....and then you draw the teeth in there...
- Q. Draw body...and then too, you draw the teeth?
- A. Yeah....
- Q. Okay, so what do you do then?

- A. Then after they do that, then he will probably cut off this part through here.
- Q. So you cut cut the ends of the teeth, right?
- A. No, they don't cut the teeth out but you cut off the end where the teeth will be.....
- Q. No, they don't cut the teeth out but you cut off the end where the teeth will be....
- A. Yeah, you cut it off here at the front...and you cut the body out.
- Q. What do you use to do this? You use a saw, right?
- A. Yeah.
- Q. Alright...okay, cut out the body, then it is all cut out from the wood right? Except for the teeth.
- A. Yeah.
- Q. Alright.
- A. Funny looking spatula.....
- Q. Made out of wood too....well anyway it looks like a spatula....like, or like a paint bush....
- A. Without the horse hair....
- Q. Yeah, without the horse hair...
- A. You draw lines where the teeth would be.....
- Q. You draw lines where the teeth would be?
- A. Yeah, funny looking teeth, right?
- Q. Well...
- A. Not everybody is perfect.....
- Q. Okay, now what is the sixth step....
- A. The teeth, they saw through them....
- Q. You saw them out...now how do you...do you take a knife and wittle them down?



- A. Yeah, pocket knife and after you whittle them down.... the final tough will be the sandpaper...and you will sand it....
- Q. Alright you sand it smooth, huh? Do you ever varnish it?
- A. If you have got varnish.
- Q. Would they really if they had varnish?
- A. No.
- Q. No....don't give me any baloney...if I ask you a dumb question give me a straight answer, don't give me a dumb answer.....
- A. You get a dumb answer for a dumb question!
- Q. Yeah, I know, alright...boy that is how you make it huh?
- A. Yeah....
- Q. Tonight, I got exposed to the measles, harrassed by my informants, harrassed by my interpreter..... stopped by the police because my tail lights don't work, you think you have got problems.....?
- A. Horse ass baloney....
- Q. Yeah, what are we going to talk about next? Making a headle right?
- A. I guess....a headle?
- Q. Headle.....I think it is a headle, I don't know....
- A. Make a headle....
- Q. To make a headle....you are suppose to, one.....
- A. Get wood.....
- Q. Get the special super hard wood that you make the comb out of?

A. Yep.....same...

Q. Would you ever make the two things in the same day?

A. Yeah.

Q. Ah hah....

A. Sometimes, not all the time though...

Q. You would make it generally the same time that you start to make the tools, you generally go ahead and make the headle. You don't bother to get the wood to make the comb?

A. Yeah.... You don't always stant what you finish....

Q. Oh, but you can't always get what you want...get the same...wood...as for the...comb...beautiful...two... What do you do, you split it lengthwise....

A. Split it lengthwise...

Q. Boy am I clever! Okay, how do you split it, with the saw.....? A, saw it.

A. Yes.....

Q. What is method B?

A. Carve it probably....

Q. You would carve it out of the wood....you would take a pocket knife...

A. A butcher knife would probably be the best...a hatchet....

Q. A hatchet.... B, 2 is split the log.....

A. You wouldn't really split it you just take chunks of it off....

Q. Or, cut chunks out....

A. Until proper size....

Q. Oh boy....

A. We aren't doing very good are we?

- Q. We are doing alright.....
- A. Three pages and about half an hour...right?
- Q. About average...what is it about nine o'clock.....  
look at that, first time in weeks, my watch has  
been right....
- A. Forty five minutes now isn't it....?
- Q. Yeah, I remember it stopped for that long bull session  
and boy we are going to leave and took ten minutes to  
leave....anyway....grandpa...I'm with grandma...okay  
where were we...we split it or we were talking chunks  
out....what is the third step?
- A. That is one way and the other way is just to saw it in  
half....saw the other part too.....
- Q. Okay, saw the other part out too?
- A. Yeah, you use it like that...and then try to make it  
as straight as possible.....you know my foot is rotten.
- Q. Why is your foot rotten?
- A. Because it is beginning to rot.....
- Q. Then I think you better go to the doctor and have  
him give you something for it.....I don't have any-  
thing for atheletes foot....
- A. I know you don't....I wanted to soak them in epson  
salt..... What the hell should I do about it?
- Q. Recorded for posterity, Donald with the rotten foot....  
Donald has a rotten sense of humor..... Come on, what  
we are going to do is we got this god damn thing cut  
out.....you take it and you hit someone in the back of  
the head with it, you break it instead of your hand....?
- A. Yeah, he is a royal idiot....
- Q. I don't know what he is....
- A. Break his own hand....



- A. It is a good thing that he didn't decide to butt him to death....you know, he would have broke his head..... I can't believe that anybody could be so dumb....come on what are you going to do next....?
- A. Why don't you stop laughing, then maybe we could get someplace....
- Q. Go ahead...what is the third step?
- A. The second step....
- Q. The second step followed by the first step...now that is the second step, you are sawing it.....
- A. I know the second step follow the first step...
- Q. And precedes the third step which is....
- A. Carve it out.....?
- Q. Right so A, you take a pocket knife..mostly? And how do you use the knife....? I mean which way do you go with the knife....
- A. You always carve away from you.....
- Q. Okay, so you carve it way from you, you carve it as straight as possible....so you push the knife away from you.
- A. When you carve there is always a possibility of cutting your hand if you cut like that, you might slash it up like that...
- Q. What would he be like with a gun? I mean he uses his hands.....
- A. He said that he is going back at him....as soon as, tomorrow he is going to get him, that is what he said.....he is going to break his old cast....he is going to break his cast over his head.....that is what he said....
- Q. Stay away from him...don't....watch from a distance I mean, you better be there to call the ambulance this time.....
- A. He said that he is going to use his cast on him....

- Q. He is going to get hurt.....that guy may get mad and really hurt him....
- A. That other guy tried to do the thing about that.... he try to do something about it, he is going to jump right on him.
- Q. You know where you are going to wind up.....?
- A. Jail?
- Q. Yeah, right... Go ahead, anyway keep going.... What is the fourth step?
- A. Fourth step would be sand it...
- Q. Sand it down...describe how he would sand it down.
- A. He will get some sandpapers...from the store, which he will buy.....
- Q. You mean that he doesn't make his own...go out and get a little piece of paper and sprinkle sand on it.....?
- A. No.
- Q. He doesn't do that...
- A. No, who in the hell have you ever seen do that.....?
- Q. Well I thought that these Navajos did sand paintings... sand paper.....
- A. Sand painters.....? They just paint on the sand that is all...but you are almost like Kii, you ought to work with him....
- Q. Can you imagine what would happen to the tape recorder...? He would break his hand and electrocute himself on the tape recorder...but anyway go ahead.... get some sandpaper at the store..... How do you use it? I mean how do you sand?
- A. You get the sandpaper.....put it in your hand and go up and down like that...
- Q. With the grain of the wood? Alright....
- A. Yeah, could be...you don't have to either.....

- Q. Well he would be if he is splitting it lengthwise... it would be with the grain of the wood, he wouldn't sand it across.
- A. He would go like this.....yeah...most of the time....
- Q. Does he make the ends any special way?
- A. What?
- Q. The ends of the headle...any special way?
- A. I don't know.
- Q. What else did he tell you about...is that about it?
- A. That is all.
- Q. That is all he told you about making the tools, huh? What about the uprights?
- A. The uprights?
- Q. The parts of the poles, what did he say about those when he made them?
- A. He just said that he made them himself....
- Q. He didn't say how?
- A. No...it is easy to figure out....
- Q. Okay, well how would he make the uprights? He would just finish this side of the tape....
- A. And go out and find long poles....
- Q. Would he go out and cut them down?
- A. Yes.
- Q. So he would go out and find a long pole about what size would it be?
- A. Well I would say around six inches...really...
- Q. About six inches through.....



- A. A karate chop it in two...
- Q. Come on now, quit screwing around..okay now he would take the axe...
- A. Yeah, the axe and chop it down...and then he will...
- Q. He chops the tree down, right?
- A. Yes.
- Q. Okay.
- A. And then he will just try and get all the bumps and all that stuff out..
- Q. Cut the branches off.....
- A. And then he will just kind of smooth it out...
- Q. Smooth it with the axe, huh?
- A. Yeah.
- Q. So it would be repeat four times, right?
- A. Yeah.
- Q. What would he do then?
- A. And then...that would be about all.
- Q. That would be about all the information on the uprights.... except bring them home and set them up, right?
- A. Yeah, they would be already home.
- Q. Oh, after he chops them down, he brings them home, he chops the branches off....he repeats it and then he brings it home, right...and that is it...
- 
- Q. Let's see....that would be about all we would say.... when...what season would he do this mostly in? Do you think? What part of the year...?

- A. Anytime of the year.
- Q. Okay.....another thing, how long do these tools usually last? I mean how of ten does he do this?
- A. Well...once in awhile....
- Q. Would you just guess about once a year?
- A. No, grandma has hers for a long time...unless grandpa is going to make it for somebody else.... He will make looms and all that stuff for mom too.
- Q. Oh, so he makes looms for other people?
- A. Yeah.
- Q. I was going to ask this spincle that your mother had today, was that one that he made?
- A. I don't know...probably....
- Q. Okay, so he makes them for other people...so he does this more often than once every three or four years....
- A. Yeah.
- Q. Like he might do it several times a year, right?
- A. No.....they don't wear down that much....they don't treat them that rough..
- Q. About once a year...
- A. You would probably only use them about once a year, probably....
- Q. Your grandmother doesn't weave too much.
- A. My mother, she is constantly using it...
- Q. She still doesn't have them break down...?
- A. No.
- Q. Okay.

- A. If she breaks it down, then I will make her another one.
- Q. You would be the one to make it, huh?
- A. Yeah, it would make it alot easier, cause I have the tools in school....make it alot better...
- Q. Your much better than grandpa...? Let's see... now grandma would be ....do the warp and the herself, right?
- A. Yeah....and then grandma would do the dyeing herself and she would do the wool...
- Q. Oh yeah, we have to talk about dyeing...
- A. Dyeing wool?
- Q. Yeah.
- A. Well we will have to talk to grandma about that.
- Q. Yeah.
- A. Dyeing wool and carding wool...
- Q. Yeah spinning...
- A. Carding wool...dyeing wool, washing wool....we have talked about that haven't we?
- Q. No, we haven't....we only, we only got into the beginning of that on that one tape. She started telling about her day and we talked about weaving and then she got tired and quit.....
- A. We talked for about an hour...in about how much four or five montsh....
- Q. Well we will try and talk to her some more...if not we are going to try and get him to talk and you know how she always puts in comments...that may be a problem..we may have to use Alice, if your mother wants to talk....which may present some problems... because grandpa may get mad...
- A. Well he can't get mad.....



Q. Alright, this is the end of 18, side 1....we are cutting it just a little bit short....tomorrow night we want to go on and we are going to start on a fresh side....

END OF TAPE