

ADVERTISER

WRITER

PROGRAM TITLE

SUSTAINING

OK

CHICAGO OUTLET

UNCLE SAM'S FOREST RANGERS #485

(

BLUE

(

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(

)

TIME

11:30 - 12:15 P.M.

DATE

MAY 8, 1942

FRIDAY

DAY

PRODUCTION

ANNOUNCER

ENGINEER

REMARKS

1. ANNOUNCER: Those marvelous products of recent years -- rayon yarns, and
2. rayon fabrics and the many plastic products like the new motion
3. picture film, phonograph records, imitation leather, and a host of other
4. modern articles -- have their origin in wood. And they weren't derived
5. simply by cutting down trees in the forest. No indeed. It took all the
6. courage and wisdom of science - progressive scientific research, to perform
7. these miracles in wood....In the Forest Products Laboratory at Madison,
8. Wisconsin, Uncle Sam has the largest forest products research plant in the
9. world. And right now, as in World War One, the men of the Forest Products
10. Laboratory are giving all their scientific knowledge and time to the needs
11. of our Army and Navy and the war industries for the conversion of ordinary
12. wood into products of war. Their combined efforts are directed toward the
13. production of the most efficient and most effective war materials possible
14. in this age of science....they are working day and night so that wood can be
15. made to play its full and proper share in winning the war.....

16. Now, once again, to the Pine Cone National Forest where we find
17. Jerry Quick still in charge of the district in the absence of Ranger Jim
18. Robbins who's away on a special war assignment. Well, it's lunchtime on
19. the Pine Cone and we join Jerry as he recounts to Jim's wife, Bess, his
20. latest difficult moment. Here they are.....

21.

22.

23.

24.

25.

ANOTHER: Most modern products of recent years -- from the
 most modern and the very latest products like the
 electric typewriter, electric fan, and a lot of other
 modern articles -- have their origin in wood. And they were
 simply by cutting down trees in the forest. In fact, all the
 progress and wisdom of science -- progressive scientific research, to call
 them science in broad terms -- in the forest industry is based
 on wood. Wood has been the largest forest product since the
 world. And this wood is in fact the one of the forest products
 I consider the most valuable scientific knowledge and the one
 of our day and age. And the one that is the most important in the
 world this product of wood. Their constant efforts are directed toward
 production of the most efficient and good articles and materials possible
 in this line of endeavor. That the working day and night are long and
 made to give the full and most there in winning the war.
 Now, one more thing to the Pine Gum National Forest where you
 have only the skill in cutting of the timber in the absence of money. The
 laborer works only on a special arrangement. Well, it's impossible
 for him to get any more money to be received to him with that
 least of things money. Here last year...

1. FADE IN CLATTER OF EATING UTENSILS - SUSTAIN

2. JERRY: (FADING IN) The big bohunk. Thought he was smart getting me
3. into an argument before Andy and all the boys down there at the
4. store. Well, I told him a thing or two even if he is the chairman
5. of the school board.

6. BESS: Maybe Mr. Hudgins just wanted to tease you, Jerry.

7. JERRY: Tease me, nothing. Look, Mrs. Robbins, I was tellin' the boys
8. about Jim, see? About his trip to Washington and the forests of
9. New England and about his telephone call from Minnesota last week.
10. You know, all about where he's been and what he's been doin' out

11. BESS: And about how upset he was over the waste and destruction he's
12. run across so many places in the forests?

13. JERRY: Huh? How do you know what I was talkin' about?

14. BESS: (LAUGHS) Jerry, you forgot there were other people in Andy's
15. store at the time.

16. JERRY: Sufferin' catfish! Elmira...she heard it all?

17. BESS: That's right. Elmira told me all about it.

18. JERRY: Yeah, and probably a lot of other people...anyway, then you know
19. how I told Hudgins off finally?

20. BESS: No. I guess Elmira didn't tell me that, Jerry.

21. JERRY: Well, I was telling the boys, like Elmira said, about Jim's
22. reaction to a lot of the poor logging operations he's seen, and
23. how it wasn't necessary, because with a little common sense we
24. could get out the wood for war we needed without all that waste
25. of foolish destruction.

26. BESS: I don't see how there could be any argument there.

WAGE IN QUANTITY OF OUTPUT

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1. JERRY: The boys were all with me. I'll say that for 'em. But just about
2. then Hudgins started in on me. He said what I was advocating
3. sounded to him like I wanted to obstruct things and interfere
4. providing timber for the war.

5. BESS: What did you say then, Jerry?

6. JERRY: Well, we went all over this conservation program of ours and I
7. tried to show him how important it is to control forest cutting
8. these days, how important it is to make provision for timber in
9. the future while we're providing the wood our war machine needs
10. for Victory today. He just couldn't see it.

11. BESS: Was that when he asked you if the Forest Service would go along
12. with cutting the forests clean, destroying them completely after
13. had to do that to win the war?

14. JERRY: Yeah. That's when I got so mad I could've conked him.

15. BESS: How did you answer him, Jerry?

16. JERRY: I told him that if it was absolutely necessary we'd give
17. everything we've got, forests and all, to win this war, but that
18. anybody that knew anything at all about forestry knew that it
19. wasn't necessary, and more than that, destroying our forest
20. resources would be a good way to help lose the war. And that's
21. absolutely true, Mrs. Robbins. The boys got a big kick out of
22. that.

23. BESS: Yes, I know. And then Mr. Hudgins came over and shook your hand
24. didn't he Jerry? I know he did because Elmira saw the two of you
25. shaking hands. Don't you see, Jerry? Mr. Hudgins wasn't a bit
serious in his side of the argument. He was just drawing you out
and making you own argument more forceful, and he was proud of the
stand you took. I know.

the way we've been talking about it. I think we've been talking about it in a way that's not very helpful. I think we've been talking about it in a way that's not very helpful. I think we've been talking about it in a way that's not very helpful.

JERRY

What are you saying, Jerry? Well, we want all these things that you're talking about. We want all these things that you're talking about. We want all these things that you're talking about. We want all these things that you're talking about.

BR 5:

JERRY

Yes, that's what I'm saying. I'm saying that we want all these things that you're talking about. I'm saying that we want all these things that you're talking about. I'm saying that we want all these things that you're talking about.

BR 6:

Yes, Jerry, that's what I'm saying. I'm saying that we want all these things that you're talking about. I'm saying that we want all these things that you're talking about. I'm saying that we want all these things that you're talking about.

JERRY

BR 7:

I'm saying that we want all these things that you're talking about. I'm saying that we want all these things that you're talking about. I'm saying that we want all these things that you're talking about. I'm saying that we want all these things that you're talking about.

JERRY

Yes, Jerry, that's what I'm saying. I'm saying that we want all these things that you're talking about. I'm saying that we want all these things that you're talking about. I'm saying that we want all these things that you're talking about.

BR 8:

Yes, Jerry, that's what I'm saying. I'm saying that we want all these things that you're talking about. I'm saying that we want all these things that you're talking about. I'm saying that we want all these things that you're talking about.

and what you're saying is that we want all these things that you're talking about. I'm saying that we want all these things that you're talking about. I'm saying that we want all these things that you're talking about.

1. JERRY: Well, maybe so. He sure drew me out all right. Believe me,
2. Mrs. Robbins, for a moment there I was mad enough to sock him and
3. I would've too, if he wasn't Mary's boss.

4. BESS: Say, have you heard from Mary since she arrived in Chicago?

5. JERRY: Yeah. Got a letter this morning. Her sister's feeling better, so
6. Mary said she thought she'd try to run up to Madison and see Jim
7. before he leaves the Forest Products Laboratory. I should've
8. told you before now.

9. BESS: That's all right, Jerry. You've had a great deal on your mind.
10. I guess Jim is probably at the Laboratory today. I hope Mary
11. does get a chance (FADE) to see him there.....

12. PAUSE:

13. FADE IN WHIR OF MACHINERY IN BACKGROUND

14. JIM: (FADE IN) Well, Mary, I'm sure glad you got to come up this way
15. while I was here. Seeing you here is one of the nicest things
16. that's happened to me on this trip.

17. MARY: (LAUGHING) You're still the same old flatterer, Mr. Robbins.
18. But I like it.

19. JIM: What I want to know is...how in the world did you ever get into
20. 7 this building? Visitors aren't allowed in here nowadays.

21. MARY: Well, it was a job I can tell you. The guard at the entrance
22. checked and rechecked a dozen times before he told me I could see
23. you. And I had to promise him I wouldn't leave this floor.

24. JIM: Well, you're here any way. There's a lot of interesting things
25. right here on this floor that you might like to see.

JERRY:

...the way you see me out right. ...
...for a moment there I was not aware of the ...
...I want to say, it was really very good.

BOB:

...I have not heard from you since the ...
...I had a letter this morning. ...

JERRY:

...I had thought you'd try to ...
...before the ...
...I had your letter now.

BOB:

...I had a letter from you ...
...I had the ...
...I had a letter from you ...

JERRY:

PAGE 18 (THIS IS THE END OF THE RECORD)

JIM:

...I had a letter from you ...
...I had a letter from you ...
...I had a letter from you ...

MARY:

...I had a letter from you ...
...I had a letter from you ...

JIM:

...I had a letter from you ...
...I had a letter from you ...

MARY:

...I had a letter from you ...
...I had a letter from you ...

JIM:

...I had a letter from you ...
...I had a letter from you ...

1. MARY: I'd never be able to face my schoolchildren back in Winding Creek
2. if I couldn't tell them a little something at least about the
3. Forest Products Laboratory.

4. JIM: Well, there's something over there that farm folks in particular
5. would enjoy knowin' about.

6. MARY: You mean that odd arrangement of logs on those wooden horses?

7. JIM: Yep. Those are posts, Mary, ordinary fence posts.

8. MARY: Why are they placed on a slant? And what's the idea of those
9. tubes attached to the upper end of each one, Mr. Robbins? And
10. those large bottles turned upside down into the tubs?

11. JIM: The whole thing's a new kind of preservative treatment the Lab
12. men are working on, Mary. See the liquid in those bottles?

13. MARY: Yes?

14. JIM: Well, that's a chemical that's got a high power of penetration.
15. It drips down on the inside of the hose into the ends of the posts
16. see, until it's well absorbed through the wood. The idea is to
17. get a post that'll last a long time, without rotting.

18. MARY: But I thought they treated posts and poles with creosote.

19. JIM: Yep. That's right. Creosote's about the best stuff that's been
20. found to preserve wood. But don't forget, Mary, creosote's
21. had to get these days and the boys here at the Lab think it
22. might be still harder to get as the war goes on. The forester's
23. job here is to find other low-cost preservative treatments
24. that'll serve to do the job for now. That's what the boys are
25. working on.

1. MARY: I see.. What's that great big funny-looking machine that's
2. running now in that other room, there? The one that's shaking
3. do?

4. JIM: You mean the shimmy machine? Yeah, that's what the boys call it.
5. C'mon let's look 'er over.

6. BRING ON LOUDER SINGLE MACHINE OCCASIONAL THUMP

7. MARY: There's a wooden box in there, Mr. Robbins, my, it's getting
8. terrific shaking and thumping, isn't it?

9. JIM: Yep. One of the most important jobs here in the laboratory,
10. Mary, has been the work on boxes and other shipping containers
11. made outa wood. The men here work out all kinds of box
12. specifications and construction. It's their job to find the
13. kind of wood and the strongest and most efficient designs that
14. can go into boxes for shipping war materials.

15. MARY: And this shimmy machine here?

16. JIM: It's one of several testing outfits we've got here in the Lab.
17. That box in there is being tested to see if it can take it,
18. to see if it's strong enough to stay together under all kinds
19. of rough handling.

20. MARY: Well, that's specially interesting, Mr. Robbins, but you know
21. something?

22. JIM: What's that?

23. MARY: Well frankly, I'm...well, on the whole...I'm a little disappointed.

24. JIM: Disappointed?

1. MARY: Yes, I know there's some mighty important work going on here, and
2. all these men at the work tables and all these different kinds of
3. machines...well, I know each one is doing an important job. I can
4. see how carefully they have to watch and adjust all the levers and
5. meters and all and I know that it takes time to work out the
6. experiments, but, well.....

7. JIM: What are you driving at, Mary?

8. MARY: Well, it's not nearly as dramatic or exciting as I pictured it
9. would be in here with a war on.....

10. JIM: Mary, science isn't all drama. It takes long hard, patient hours
11. of work to get the fine results. Sometimes things don't work out
12. and.....

13. MARY: I realize that, Mr. Robbins, but...oh, well, I guess I expected
14. to see the impossible..men putting a log into a machine and
15. presto, out comes a full fledged airplane or something.

16. JIM: Well, something like that is taking place, but not that simply,
17. Mary.

18. MARY: I know...it's just that I expected something different.

19. JIM: O.K., young lady if it's a dramatic example you want to trot
20. along with me, right after lunch. There's a circus in town,
21. and I want you to see an elephant act that's scheduled (FADE)
22. for this afternoon.

23. PAUSE:

24. FADE IN CIRCUS BAND, CROWN BACKGROUND, SUSTAIN

25. MARY: Oh, this is exciting, Mr. Robbins, but I don't understand what it
has to do with.....

The I have heard a good many interesting things going on here in the States and in the West and I am sure that you will find them all very interesting. I am sure that you will find them all very interesting. I am sure that you will find them all very interesting.

MARY:

... ..
I am sure that you will find them all very interesting.

JIM:

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I am sure that you will find them all very interesting.

MARY:

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I am sure that you will find them all very interesting.

JIM:

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I am sure that you will find them all very interesting.

MARY:

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I am sure that you will find them all very interesting.

JIM:

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I am sure that you will find them all very interesting.

JIM:

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I am sure that you will find them all very interesting.

MARY:

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I am sure that you will find them all very interesting.

JIM:

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I am sure that you will find them all very interesting.

MARY:

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I am sure that you will find them all very interesting.

JIM:

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I am sure that you will find them all very interesting.

MARY:

1. TRUMPETING OF ELEPHANTS

2. JIM: You will in a minute, Mary. Here. Let's stand here near the
3. elephants. They'll probably put the foot on in that open spot
4. right there in front.

5. MARY: Say, aren't some of those men from the laboratory coming this
6. way, Mr. Robbins?

7. JIM: That's right. (CALLS) Hello there, Cap! (STRAIGHT) Cap Winslow
8. director of the Lab, Mary. He didn't see me, I guess too busy
9. talking to that elephant trainer.

10. MARY: Look, Mr. Robbins. One of the men is putting that shiny piece of
11. metal across those two railroad ties there.

12. JIM: That's not metal, Mary. It's wood...well, a form of wood any way.

13. MARY: But it's so smooth and polished looking. I can't believe it's
14. really wood.

15. JIM: Slick as piano finish, huh Mary? Well, it's wood all right and
16. that's just the way it comes out when the boys at the Lab....

17. MARY: The trainer's bringing one of the elephants over toward it..the
18. largest elephant in the herd.

19. JIM: Yep. They said they were goin' to use an 8thousand pounder.
20. That's four tons of animal standing there, Mary, Now we'll
21. see if that little piece of wood can take it.

22. MARY: Oh, no. You don't mean they're going to make that great big
23. elephant stand on that little plate of wood. Why, it's so small
24. and it's so thin, Mr. Robbins.

25. JIM: Yep, not much more'n 24 inches square I'd say, and not over an
inch thick. That's what they're going' to do, Mary. Watch now.
See? The trainer's tapping the elephants leg. There goes one
foot on the plate.

THOMPSON'S LIST

- 1. JIM: ...
- 2. MARY: ...
- 3. JIM: ...
- 4. MARY: ...
- 5. JIM: ...
- 6. MARY: ...
- 7. JIM: ...
- 8. MARY: ...
- 9. JIM: ...
- 10. MARY: ...
- 11. JIM: ...
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- 13. JIM: ...
- 14. MARY: ...
- 15. JIM: ...
- 16. MARY: ...
- 17. JIM: ...
- 18. MARY: ...
- 19. JIM: ...
- 20. MARY: ...
- 21. JIM: ...
- 22. MARY: ...
- 23. JIM: ...
- 24. MARY: ...
- 25. JIM: ...
- 26. MARY: ...
- 27. JIM: ...
- 28. MARY: ...
- 29. JIM: ...
- 30. MARY: ...

1. MARY: They shouldn't do that, Mr. Robbins. The poor elephant might
2. hurt himself.

3. JIM: Don't worry! That elephant won't fall off..Well!.there goes
4. other front foot.

5. SCATTERED APPLAUSE, OFF

6. MARY: I'm almost afraid to look.

7. JIM: No, watch this, Mary. This oughta be something yo can tell
8. your kids back home about. There! He's up on it, all four feet
9. (APPLAUSE) See, it's bent just a little in the center, that'
10. all....What's Cap Winslow shaking his head for?

11. MARY: He's pointing to where the elephants feet are lapping over the
12. edge of the wooden plate.

13. JIM: Yep, that's right. Look, the trainer's goin' to make that old
14. elephant stand up on his hind legs.(GREAT APPLAUSE) By George
15. he made it, full weight...See, up on his hind legs, waving hi
16. trunk in the air...Well, Mary, that's close to 4 tons of weight
17. on that little piece of wood, and she didn't break.

18. MARY: It's almost unbelievable, Mr. Robbins. But what in the world
19. is it? What did they do to that piece of wood to make it so
20. strong?

21. JIM: It's what they call comoregnated wood, Mary. Actually it's a
22. whole bunch of wood layers or veneers specially treated & pressed
23. together under tremendous pressure. The Forest Service Laboratory
24. developed it, named it, and introduced it to engineers all over
25. the country.

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EXHIBIT A PAGE 10

I'm afraid it's too late.

It's a pity to have the evidence lost and I regret to

hear that you have been unable to find it.

(The witness then said that he had not been able to

find it and that he had not been able to find it.

He said that he had not been able to find it and that

he had not been able to find it and that he had not

been able to find it and that he had not been able to

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to find it and that he had not been able to find it

1. MARY: It certainly must be strong. What is it used for, this
2. compregnated wood?

3. JIM: Well, that's a test piece of material that's going into propellers
4. Mary, propellers for training planes for Uncle Sam's fighting men.

5. MARY: Well, I guess you've kept your promise, Mr. Robbins. This is
6. certainly as dramatic an example of the Laboratory's work as
7. I could want to see.

8. JIM: I dunno, Mary. This was just a little test for the benefit of
9. some investigators visiting here. The real drama will take
10. place out there on the fightingline when American fliers meet
11. the enemy and knock 'em out of the sky.

12. MUSICAL FINALE

13. ANNOUNCER: Next week Ranger Jim tackles a fire-training job in the Pacific
14. Northwest which is preparing now like all the Western forest
15. country for the most critical fire season in forest history...
16. Uncle Sam's Forest Rangers comes to you each Friday during the
17. Farm and Home Hour with the cooperation of the Forest Service
18. United States Department of Agriculture.

19.

20.

21.

22.

23.

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25.

In summary, the following is a list of the items...

MARY:

...

JIM:

...of several items of material...

...and, accordingly, the following plan...

MARY:

...I guess you've heard your...

...particular of course an example of the...

I could want to see...

JIM:

I found that. This was just a little...

...and investigation, nothing here...

...office of the... we were...

the end and would be out of the...

MUSICAL FINALE

ANNOUNCER:

...and very happy to...

...to be with you...

...the most beautiful...

...to you with their...

...and the cooperation of the...

...of the...