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1	WEST VIRGINIA MINE SAFETY HEALTH ADMINISTRATION
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5	IN THE MATTER OF:
6 7	THE INVESTIGATION OF THE APRIL 5, 2010 MINE EXPLOSION AT UPPER BIG BRANCH MINE
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15	The interview of ROGER SCARBRO, taken upon
16	oral examination, before Lisa Marie Short, Certified Court Reporter and Notary Public in and
17	for the State of West Virginia, Wednesday, February 9, 2011, at 11:37 a.m., at the Mine Academy, 1301
18	Airport Road, Beaver, West Virginia.
19	JOHNNY JACKSON & ASSOCIATES, INC.
20	606 Virginia Street, East Charleston, WV 25301
21	(304) 346-8340
22	
23	
24	

1	APPEARANCES
2	OFFICE OF MINERS' HEALTH, SAFETY & TRAINING Barry L. Koerber, Assistant Attorney General
3	1615 Washington Street, East Charleston, WV 25311-2126
4	(304) 558-1425
5	OFFICE OF MINERS' HEALTH, SAFETY & TRAINING Bill Tucker, Health & Safety Administrator
6	1615 Washington Street, East Charleston, WV 25311-2126
7	(304) 558-1425
8	U.S. DEPARTMENT OF LABOR Office of the Regional Solicitor
9	Pollyanna Hampton, Esquire 1100 Wilson Blvd.
10	22nd Floor West Arlington, VA 22209-2247
11	(202) 693–9389
12 13	Also Appearing: Davitt McAteer, Governor's Independent Investigation team; Jasey Maggard
14	and Dean Cripps, MSHA
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MR. KOERBER: My name is Barry 1 Koerber. I'm the Assistant Attorney General assigned to the West Virginia 3 Office of Miners' Health Safety & Training accident investigation team for the Upper 5 Big Branch Mine explosion. 6 Today is February the 9th, 2011. I would ask that we go on the 8 record -- or I would ask that the witness 10 be sworn in. ROGER SCARBRO, WITNESS, SWORN 11 MR. KOERBER: First of all, I'd 12 like to have all the members of the 13 accident investigation teams here on the 14 table identify themselves for the record 15 and who they're with, beginning with 16 Mr. Tucker to my left. 17 MR. TUCKER: Bill Tucker with the 18 Office of Miners' Health Safety & 19 Training. 20 MR. MAGGARD: Jasey Maggard with 21 2.2 MSHA. MR. CRIPPS: I'm Dean Cripps with 23 MSHA. 24

MS. HAMPTON: Pollyanna Hampton. 1 I'm with the Solicitor's Office for the Federal Department of Labor. 3 MR. MCATEER: I'm Davitt McAteer, and I'm with the Governor's Independent 5 Team that the governor asked us to step in 6 and do this as well. MR. KOERBER: The two people in 8 the back, would they identify themselves 10 and who are they are with? MR. WATKINS: I'm Tim Watkins. 11 I'm with MSHA. 12 MR. PAGE: Norman Page, MSHA. 13 MR. KOERBER: We have a court 14 reporter here taking down everything 15 that's said as far as the interview goes, 16 17 so please try to answer yes and no and not uh-huh, huh-uh, and please allow the 18 question to be asked before you begin to 19 answer. And I'm going to ask all the 20 interviewers to please allow you to finish 21 2.2 your answer before you begin the questions so there are not people talking over each 23 other just for the court reporter's 24

benefit.

The court reporter is with Johnny
Jackson & Associates. That's a court
reporter firm in Charleston, West
Virginia. They're operating on to turn
the transcripts around in three business
days, which means today being Wednesday,
the transcript would be ready for review
come Tuesday morning of next week.

If you would like, I am going to give you a business card of the Johnny Jackson court reporter firm. If you would like come Tuesday morning, you can call and schedule a time where you can go to Johnny Jackson's court reporter firm in Charleston. They'll put you in a conference room where you have privacy and you're allowed to read your transcript if you want to.

You'll be given an errata sheet.

An errata sheet is a separate sheet of paper where you can note any errors that you might see in the transcript and what the right answer should be. That is your

option. You are certainly welcome to do 1 You do not have to do that. That is your choice entirely. 3 And you don't have to call on Tuesday. I mean, any time a week or ten 5 days after that, if you want to read your 6 transcript, you just call and they'll set something up for you. 8 If at any time you want to take a 10 break for any reason whatsoever, just say you want to take a break and we're out of 11 here. Okay? 12 I see that you have a 13 representative with you here today. For 14 purposes of the record, would you please 15 identify yourself, ma'am. 16 MRS. SCARBRO: My name is Teresa 17 Scarbro, his wife. 18 MR. KOERBER: And we spoke in the 19 hallway. She's your representative here 20 today. You don't have an attorney? 21 22 THE WITNESS: Yeah. MR. KOERBER: We would request 23 that you not discuss the interview with 24

anybody other than your representative 1 after this is over. Polly, do you have anything you 3 want to add? MS. HAMPTON: Hi. I introduced 5 myself to you earlier. 6 Before we went on the record, I handed a letter to you on behalf of the 8 federal accident investigation team. Did you get a chance to read that letter? 10 THE WITNESS: Yes. 11 MS. HAMPTON: Yes? 12 THE WITNESS: Yes. 13 MS. HAMPTON: Do you have any 14 questions for me about the content of that 15 letter? 16 THE WITNESS: 17 No. I just would like MS. HAMPTON: 18 to point out to you that there's contact 19 information in that letter that after 20 we're done here today, if there's any 21 other information you'd like to share with 2.2 the team, feel free to contact us and give 23 us that information. Okay? 24

1	MR. KOERBER: Mr. Scarbro, you're
2	appearing here today as a result of
3	receiving a subpoena; correct?
4	THE WITNESS: Yes.
5	MR. KOERBER: This is a copy of
6	the subpoena I showed you earlier. I'd
7	like that to be marked as Exhibit 1.
8	This is a copy of the affidavit
9	of service by the process server saying
10	that he served your wife on February the
11	4th, 2011. I'd like this to be Exhibit 2.
12	(Exhibit Nos. 1 & 2 marked for
13	identification.)
14	MR. KOERBER: We've sworn in the
15	witness; correct?
16	Could you please state your full
17	name for the record and spell your last
18	name.
19	THE WITNESS: My full name is
20	Roger Dale Scarbro, S-c-a-r-b-r-o.
21	MR. KOERBER: And your address
22	and telephone number?
23	THE WITNESS: (b) (7)(C)
24	(b) (7)(C)

## (b) (7)(C)

MR. KOERBER: Mr. Scarbro, I'm going to give you Johnny Jackson & Associates business card, which is her firm where you can call if you want to schedule a time to read your transcript.

I'm also going to give you

Mr. Bill Tucker's business card. This is

Mr. Bill Tucker. He's our lead

investigator.

If anything comes up that you'd like to talk to him about after the interview, if you have any other information or anything, please feel free to give him a call.

I'm also going to give you a memorandum, which contains the address of the West Virginia Board of Appeals. The board of appeals is an administrative body that hears cases involving coal miner discrimination.

West Virginia Code 22A-1-22
protects coal miners from being
discriminated against for participating in

2.2

interviews such as this. If you find at some time in the future that you've been discriminated against for participating in this interview, this is the body where you would lodge your complaint with. It does not have to be anything formal. It can just simply be a handwritten letter.

I would caution you under the statute you only have 30 days from the day of the discriminatory act to file your complaint with the board, so these are things I'm going to give you that you can take home with you.

And at this point in time I'm going to ask Mr. Cripps to start the interview.

## EXAMINATION

## BY MR. CRIPPS:

Q. Roger, thanks for coming back in today. It think you did your first interview back in May. Since that time we've had a chance to go underground many times, go up on the longwall face and see the condition of things, and consequently we've got several more questions we'd like to ask,

and we appreciate you for coming in.

One thing I want to point out is if I ask you a question and I use some terminology you're not familiar with, feel free to ask me what I'm talking about. I'm from out in Illinois and we call things a little different than what you guys do out here, so feel free to call me out on that if you need to.

When was the last shift you worked prior to the explosion, Roger?

- A. April the 4th, I believe, the 3rd or 4th.

  I was on my three days off.
- Q. That was the Saturday before the explosion?
  - A. Yes.

- Q. What shift did you work?
- A. Day shift, I believe.
- Q. Day shift. Okay.

Tell you what, if you would, just describe to me your normal day from the time that you arrive on the section of the mantrip. Just go through what you do.

A. Just go up and go down to the shearer.

You had a section meeting before you leave the

ROGER SCARBRO -- EXAM BY MR. CRIPPS mantrip and everything. You go up and you get on 1 the shearer. It's according to where it was at. 2 And then you most of the time you run it to the 3 head. And if you need to set bits and stuff like that and check your water sprays and stuff, you do 5 it then. And then you run the shearer. 6 When do you pick up your packman? Q. As soon as you come past the mule track, Α. 8 because they're on charge at the mule track. 10 0. So when you get off the mantrip? Yeah, you walk up and pick your packman up 11 and then you go onto the face. 12 On day shift when you arrive at the face, 13 Q. what do you normally do on day shift? 14 Α. Well, normally the shearer's on the head, 15 16

- so normally you'd just start running coal.
- What about when you was on second shift, Q. when you arrived on the face.

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- Well, you come by the mule train, you get your packman, and then you go up and relieve the other crew out.
- Q. Specifically, as far as checking your water sprays, did that ever, or when did that happen?

We generally checked them whenever we set 1 Α. bits or sprays and stuff out, we put them back in, 2 if they had them up there. 3 Okay. Q. You know what I mean? 5 Α. So would you do that at the beginning or 6 Q. 7 early in the shift? Α. Yes. But them drums, I mean, while they 8 was in sand rock top and bottom, I mean, it would sling your sprays out sometimes. You know what I 10 mean? But you could see if it had ... 11 You say it would sling the sprays out? 12 Q. Yes. 13 Α. How often did that happen? 14 Q. Well, quite often. I mean, your spray 15 Α. goes in there and then it's got a horseshoe keeper 16 that goes in it. 17 By cutting the sand rock, it would cause 18 **Q**. them to come out? 19 A. Yeah. 20 How many would come out, say, in one pass? 21 Q. Probably one, maybe two. 22 A.

A. I mean, there wouldn't be a whole bunch of

Okay.

Q.

them. 1 Not in one passing? Q. 2 Some out. You know what I mean? Α. 3 How would you know if they come out? Q. Well, when your drum turns, close to on 5 Α. the tail drum, see you ain't allowed to run the 6 7 shearer. You got to be five shields inby the lead drum. So the shearer would be going this way. Say 8 it was going to the tail. That's going to the tailgate? 10 Q. The two shearer operators has to be five Α. 11 jacks outby this drum back here, the head drum. 12 The headgate drum? 13 Q. Yeah. 14 Α. By outby, that's on the headgate side of 15 Q. the headgate drum? 16 Α. Yes. 17 Is that where the shearer operators both 18 **Q**. 19 were? I can't tell you that. I wasn't there. 20 That's where we run it from. 21 22 Q. Do you run the headgate end of the shearer? 23

A.

Yes.

On your shift, the tailgate operator --1 Q. Α. Yes, he stood --2 He's up by the headgate drum? Q. 3 He stood back there with me. Α. When he's cutting towards the tail he's 5 Q. outby? 6 7 Α. Yeah. Q. At the start of the shift when you check 8 your water sprays, do you check your water 10 pressure? Α. 11 Yes. How do you do that? 12 Q. They check it through the spray block on 13 Α. the backside of the shearer. 14 Who's "they"? Q. 15 The electricians. 16 Α. The electricians check it? 17 Q. A. Yes. 18 What do they check it with? 19 Q. Α. They've got a gauge. They got a hose made 20 and a gauge on the end of it and they plug it in. 21 22 Q. Do they take a spray out of the block? Yes, they plug it in where the spray comes 23 out of the block and that's how they check it. 24

Take the spray out and screw the holes in? 1 Q. Α. Yes. 2 And then turn the water on? 3 **Q**. Yes, sir. Α. Do you know what pressure they are 5 Q. required to have? 6 7 Well, on the drums I'm thinking 90 pounds, I believe. 8 Do you ever see them check the pressure in **Q**. the drums? 10 Α. Sometimes. 11 And is it done the same way, take a spray 12 **Q**. out and screw the holes in? 13 Yeah. 14 Α. Do they ever check it other than at the 15 **Q**. beginning of the shift? 16 Well, they check it pretty often, a couple 17 times during the shift. Like when you come back 18 out and set bits and stuff, once you get through 19 setting bits, they'll check it and stuff. 20 Have you ever seen it where they didn't 21 Q. have enough pressure to operate? 22 Well, I have seen it where there wasn't 23

enough pressure on the drums to operate.

- ROGER SCARBRO -- EXAM BY MR. CRIPPS Did you go ahead and operate it? 1 Q. You really didn't have much choice. Α. 2 I understand. 0. 3 You know what I mean? You're sort of Α. between a rock and a hard place. 5 I understand. So is there times, let me 0. 6 ask you this, that they would check it, say, on one 7 of the face sprays, I call them, and have the 8 pressure but not have it on the drums? 10 Α. Yes. So was it tougher to keep the pressure on 11 Q. the drums than it was at the other sprays? 12 A. Yes. 13 Do you know why that is? Q. 14 I quess your drums and stuff gets stopped 15 Α. up with gob and stuff. They get rusty inside of 16 them and everything. 17 See, whenever you get a new set of drums 18 when they come there, you know, they got slag and 19 everything in them. 20 So how do you remedy that problem? 21 **Q**.
  - A. Well, they try and flush them out, but you flush them out, I mean, then when you put the sprays and stuff in them, they might be good for

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1	three or four cuts and then they're stopped up
2	again.
3	Q. The drums that's on the shearer back
4	up.
5	The drums that were on the shearer April
6	5th, do you know how long they'd actually been on
7	the machine?
8	A. I believe they'd been on there since they
9	fired it up.
10	Q. Since the start of the wall?
11	A. Yeah, I'm pretty sure.
12	Q. When you checked the, when the mechanics
13	checked the sprays at the start of the shift, do
14	you know, did they or did the boss initial, date,
15	time, and initial on the shearer or shield anywhere
16	to certify that check was done?
17	A. Not that I know of.
18	Q. You didn't see a piece of building hanging
19	at the head or the tail?
20	A. No, the only time they mark on a shield or
21	something is when they do their every-two-hour
22	preshift thing.
23	Q. When you're checking the sprays at the
24	start of the shift, how often would the boss be

there with you?

- A. Pretty much every time, I mean, because generally he helps set bits and stuff.
- Q. If you was checking your sprays and your bits at the start of the shift and you had missing sprays, would you replace them?
- A. Yes, sir, if they got them up there, I would replace them.
- Q. What about through the shift, as the shift progressed and sprays come out?
  - A. Yes.
    - Q. When would you replace them?
- A. Whenever they set bits. Which they generally set bits every, according to the conditions, sometimes it would be two cuts, sometimes it would be one cut.
- Q. So you didn't have a problem with the boss as far as letting you replace the sprays?
  - A. No.
- Q. Do you recall what's the most sprays you've seen out of the drum at one time?
  - A. I'd seen probably four out at a time.
  - Q. Is that out of the headgate drum?
- A. Yes.

- When I ask you these questions, do you 1 Q. ever notice the tailgate drum at all as far as 2 missing sprays? 3 No. I'm not going to say it don't have 4 Α. none out. 5 Q. Right. 6 But I don't ... Α. Q. That's because you run the headgate in; 8 right? 9 10 Α. Yes. And that's your drum to watch and take Q. 11 care of. 12 Tell me if you, just describe to me the 13 process of taking the shearer cutting from the 14 headgate to the tailgate. Where the drums, each 15 drum is located, where each operator is located. 16 You got isolating heads on them. 17 Α. Say that again. Q. 18 You got isolating heads. Your shearer 19 sits on a pan line, it runs off a rack wheel. This 20
  - That's the tailgate drum? Q.

drum cuts the top going to the tail.

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Yes. And this drum cuts the bottom going Α. to the tail.

- Q. That would be the headgate drum?
- A. The headgate drum.

And then when you get down to the tail, whenever you cut out, you'll cut out, back up and clean it up, then you'll come back like this is your jack line, you set up your shuffle there, you get on them, you step your jacks back, and these jacks would be back here. And when you get through down here, you cut back up until you're in the coal, and then this guy advances his jacks and then shoves it all and then you cut back out again and then you head to the head. That's how you keep your face dry. And you do the same thing on the head.

- Q. The shield or the jack setter, what do you call them here?
  - A. I call them a jack setter.
  - Q. The jack setter.
- A. Actually, though, I guess they call them a prop setter, I guess.
  - Q. I'll call them a jack setter then.

How close does he pull the shields in behind you when you're going to the tail?

A. He's supposed to stay at least 10 jacks

back.

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- Q. What about when you're cutting towards the head?
- A. If they got the jacks working right, he can stay outby the shearer, hit a button every 30 shields.
  - Q. And pull them in?
  - A. And pull them in.
  - Q. Were these jacks working right at UBB?
- A. Well, not really. Most of the time what we're, if we'd come down there, we would cut, he would stay outby with us and we would cut up, there might be 20, 30 jacks, then we'd shut down, he'd go back, pull them all up, and then once he got back up by us, we'd fire up and go again.
- Q. How come everybody stayed outby that head drum?
  - A. Because that's where you got to stay.
    - Q. Because of the ventilation plan?
    - A. Ventilation plan.
    - Q. How long you been running the shearer?
  - A. Probably 20 years.
    - Q. Has every ventilation plan been that way?
  - A. Well, no, not really.

- Q. Where are you used to seeing --
- A. A lot of things has changed over the years.
  - Q. Where were you used to seeing that tailgate operator?
  - A. Standing -- well, when I first started, you pretty much stood down next to the tail drum. And then I started at Massey, they had a, before they got this ventilation plan, you know, they had a thing in there where in adverse conditions you could stand at the stand off on the shearer.
    - Q. The stand off being where the cable --
    - A. Yes.

- Q. -- enters?
- A. And then whenever they came back to UBB this time and submitted their plan and stuff, they didn't put that in there.
- Q. Okay. So the plan now required everybody to stay --
  - A. Stand five shields outby the head drum.
- Q. When the shearers going from the head to the tail -- I'm sorry. When it's going from the tail to the head, that tailgate drum is cutting the bottoms, how would that operator determine if he's

got his bottoms cutting them right?

- A. There's one way to run it.
- Q. Do what?

- A. There ain't one way to run it like that.
- Q. How is that?
- A. And that's holding down pressing on the button.
  - Q. And sump it down as far as it will go?
- A. Sump it down as far as it will go. Still that don't mean it can't come out of the bottom, because when rock comes out and gets under the range guard, then you come out of the bottom. You know what I mean?

The only other way you can do it is to, when you're going through there, if you think your drum is going by the wall (phonetic), is just stop the shearer and everything and then he can walk back there and look at it. You know what I mean? And make his adjustments and then come back and run it.

- Q. You've been on this face since it started?
- A. Uh-huh.
- Q. Did you ever get dusted out while you were on the face? What I call dusted out, I mean that

they're rock dusting outby and rock dust comes up 1 on the face. Once or twice. Α. 3 That's on this panel here? Q. They had some kind of duster down at the 5 Α. belt head they had turned on and the dust come up 6 the belt line and went down the face. Q. You say they had a duster at the head? 8 Twinkle duster or something. And when it Α. come up there and started coming up the face, then 10 the boss called down there and told them and said 11 cut the duster off. 12 Because the dust was coming up on you 13 Q. 14 guys? Α. Yeah. 15 There's a red E-stop button on the 16 Q. shearer. Are you familiar with it? 17 Uh-huh. Α. 18 Did you ever operate it? 19 Q. No, not really. 20 Α. I quess --21 Q. 22 I know when they're working on a shearer

and stuff they push the red button and stuff. When

you set bits and stuff, you push your red button

23

1 in. There's a set of knives at the headqate, a 2 0. disconnect for the shearer cable, are you familiar 3 with that? Α. Yeah, but I have never messed with that. 5 You've never operated it? 0. 6 No. Most of the time an electrician or the headgate operator messes with that. 8 Do you know why it would ever be open or Q. 10 why they would open it? They was opening one every like they're 11 Α. working on a shearer cable on a shearer. 12 de-energizes the power going down to the shearer. 13 Because it's open now. We found it open 14 0. after the accident and we're just trying to figure 15 out why it's open. 16 I could tell you rumors. I don't know. 17 I'd say you'd be better off to ask maintenance 18 about that, because I heard they had the shearer 19 cable running. I don't know. 20 You say you heard they had the shearer 21 Q. 22 cable --

I heard they did. But see, I also heard they'd been down that day, too, and they didn't

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fire up until about 15 after 2:00. 1 They'd been down a good part of the day? 2 Q. 15 after 2:00 going to the tail. And then 3 they had the ignition, what, two minutes after 4 3:00, something like that. 5 Somewhere around 3:00. 6 Q. 7 And so we know they had ignition and we 8 know the shearer operator is the one at the shearer. 9 10 Α. See --They was at 105 shield, something like Q. 11 that. 12 They was either down or the shearer 13 operator seen something down there and they was 14 trying to get off the face. 15 You don't think it's three o'clock, it's 16 close to the end of the shift and they are going 17 home? 18 Switch out. 19 Α. Q. Do what? 20 You switch out. A. 21 Switch out? 22 Q. In the face. Α. 23

With the oncoming crew?

24

Q.

And they just had started inside the mine. 1 Α. Correct. Yeah, they hadn't even cleared Q. 2 the portal. 3 A. Yeah. So what would happen to the crew and the 5 Q. boss if they decided it was quitting time and left 6 the shearer at the tail? Α. They probably get a good talk into when 8 they got outside. 10 **Q**. So with what you know, you don't think the crew was just leaving to go home? 11 Α. No. 12 The shearer, three o'clock in the 13 Q. afternoon on day shift and the shearer at the tail? 14 Α. No. 15 If that E-stop I was talking about on the 16 Q. shearer, have you ever operated it while the 17 shearer was running? 18 I have killed the power whenever we 19 Α. set bits with it. 20 Have you ever known of that switch not 21 0. 22 operating or not functioning? Yeah. Α. 23 When was that? 24 Q.

That's been on our shift, but the 1 Α. electricians, I mean, whenever it wouldn't work, 2 they tore the panel and fixed it, because I ain't 3 knowed of it not working on this panel this last panel they was on, but ... 5 Okay. Say that again. 6 Q. 7 I said I don't know of it ever not working on this last panel we was on. 8 The panel that you're on right now? Q. 10 Α. Yes. As far as you know? Q. 11 It was working. 12 Α. It was working? 13 Q. Α. Yes. 14 We understand that every 30 minutes there 15 Q. was a call out made outside while you guys was 16 running. Are you familiar with that --17 Α. Yes. 18 -- call out? 19 Q. Do you know who did the call out? 20 The boss called the headgate operator and 21 Α. 22 the headgate operator called out. Unless the boss

walked across the face and called out himself.

So when the boss called the headgate

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Q.

operator, what did he tell him? 1 Just told him to call out whatever the 2 condition was or whatever coal he'd run or ... 3 So would the boss give the headgate 4 Q. operator the information to relay outside? 5 Α. Yes. 6 7 But to your knowledge, the headgate man Q. 8 did the calling? Yes. Α. 9 Did this happen on second shift also? 10 Q. Yes. 11 Α. As well as day shift? 12 Q. A. Uh-huh. 13 Q. And on the weekend shift? 14 A. Yes. 15 Called out every 30 minutes? Q. 16 Every 30 minutes. 17 A. Do you know if there was a record kept of Q. 18 those call outs? 19 I would say there was a record kept 20 somewhere. 21 22 Q. Okay. Because everything had to be faxed right 23 to Blankenship. 24

1	Q. Say that again.
2	A. Because everything called out had to be
3	faxed to Blankenship.
4	Q. Faxed to Blankenship?
5	A. Yeah.
6	Q. Every 30 minutes.
7	A. Every 30 minutes. He knows everything
8	that went on at that mines.
9	Q. I'm going to take a break here and let
10	somebody else ask you a few questions, then I'll
11	ask you some more here in a little bit.
12	EXAMINATION
13	BY MR. TUCKER:
14	Q. I just got a few, Roger.
14 15	Q. I just got a few, Roger. You mentioned when we was talking, go back
15	You mentioned when we was talking, go back
15 16	You mentioned when we was talking, go back and talk about the water sprays just a minute.
15 16 17	You mentioned when we was talking, go back and talk about the water sprays just a minute.  You mentioned that when you set bits you
15 16 17 18	You mentioned when we was talking, go back and talk about the water sprays just a minute.  You mentioned that when you set bits you normally check water sprays and if you had them
15 16 17 18	You mentioned when we was talking, go back and talk about the water sprays just a minute.  You mentioned that when you set bits you normally check water sprays and if you had them you'd replaced water sprays.
15 16 17 18 19	You mentioned when we was talking, go back and talk about the water sprays just a minute.  You mentioned that when you set bits you normally check water sprays and if you had them you'd replaced water sprays.  A. Sometimes they didn't have them.
15 16 17 18 19 20 21	You mentioned when we was talking, go back and talk about the water sprays just a minute.  You mentioned that when you set bits you normally check water sprays and if you had them you'd replaced water sprays.  A. Sometimes they didn't have them.  Q. If they didn't have them, would you just

ROGER SCARBRO -- EXAM BY MR. TUCKER Would they normally have them or how often 1 do you think? 2 I'd say 80 percent of the time they had 3 them. Who all set bits when you'd go to be down 5 Q. to set bits, who all would usually help out? 6 Well, on my end it was generally me and the foreman set the bits. And then on the tail end 8 it was the tail shearer operator and the jack setter normally set them. And then the electrician 10 would service while we set bits. 11 Do you recall if you all stored any fire 12 0. hose down the jack line anywhere? 13 They had some, but I can't remember which Α. 14 jack it was, because they had a fire nozzle, a T in 15 the line where you could hook it up in your fresh 16 water lines going through your jacks. 17 0. Can you recall specifically if they had 18 like, did they have one roll of fire hose or two or 19 do you recall specifically seeing any down the jack 20

- line?
- No, I don't -- no. But now they could have had them behind the jack legs.

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Right. I was just wondering if you'd ever Q.

noticed any down the jack line.

A. No.

- Q. When you were down on the, next to the tail area, did you ever notice anybody going out into the tail entry itself?
- A. Well, now the way the ventilation plan was set up, when you got close to the next break, then you had to shut down when you got down there and got in the tail end and knock the stopping out.
- Q. So occasionally somebody would have to go and --
  - A. And generally the boss done that.
  - Q. -- knock the ...

Other than that, do you recall anybody actually going out into the tail entry?

- A. No. See, because you got a space when you're cutting out a tail entry between the tail drive from where your last bolt is, you probably got a six-foot space there that ain't got no support unless you pull your tail shields in.
- Q. I think Mr. Cripps there, he'd asked about the foreman dating up, if they had any type of a date-up board.
  - A. Most of the time they dated up on the, on

your shields and stuff. I'm sure they had a date board out in the tail entry, but ...

- Q. But you don't recall as far as on a regular basis seeing anybody going out into the tail entry?
  - A. No.

- Q. I understand the cutting got a good bit harder here recently.
- A. Now it's getting ready to get real bad right before whenever we took off and the next crew was getting ready to come back, because you had sand rock top and sand rock bottom down there and when the miner section drove it up, they didn't cut none of it, so you was going to have to maintain at least 72-inches high. In other words, for your shields and your tail drive and everything to clear it going down there through there.
- Q. So going toward the -- how would you describe the sparks coming off the bits on the tail shearer? I mean, you're back here at the outby a little ways. How would you describe that as far as what that looked like when they was cutting that sand rock down on the tail?
  - A. I wasn't there when they was cutting that.

But on your previous shifts, I'm talking 1 Q. about on your shift, what you ... 2 When you're in sand rock. Well, if you're 3 cutting solid sand rock, I mean, it just looked like a big ball of fire. I mean, you might cut a 5 jack length and have to set a whole row of bits. 6 And it melts it. Q. So while you're cutting out on the tail, 8 there's been times you'd have to actually stop --Yeah. 10 Α. -- and set bits before you could --11 Q. Yeah. A. 12 -- get cut out? 13 Q. You might have to stop and set bits two or 14 three times. 15 Have you ever on any of the crews that 16 you'd been on, have you ever had ignition? 17 I had ignition on the first panel we Α. 18 Yes. was on at UBB. 19 And that was back in what year? 20 Q. Probably '97. 21 Α. 22 Q. Can you describe what that looked like? It was in behind the shields, I mean, Α. 23

which there was some people got their hair singed

and stuff like that.

- Q. When your foreman would call out his report, his preshift report at the end of the shift, where did he normally call that out from?
- A. Well, sometimes he called out from the headgate and sometimes he called out from the mule train.
- Q. As far as you know, would he always do that himself or would he ever give that information to, say, the headgate operator and have him call out?
- A. No, he always called it out, I'm pretty sure.
- Q. Toward like the end of your shift, toward the end of your shift, say once he called that report out, the foreman that you worked for, would it be normal for them to come back into the jack line before quitting time or did they say if they went to the headgate to call out the report.
  - A. Yeah.
- Q. It wouldn't be uncommon for them to come back into the jack line?
  - A. No.
  - Q. And as far as the water on the tail, did

you have any means of cutting water on and off 1 yourself for the shearer? A. No. 3 There at the shearer. I said on the Q. There at the shearer do you have any means 5 of cutting water on and off? 6 No, I don't. No. No, there wasn't no valve in the line or nothing. 8 So when you all got ready to get started **Q**. 10 up --Holler at the headgate operator to start 11 everything up. 12 You mentioned that one of the rumors you 13 Ο. heard that they had a shearer cable grounded? 14 Α. That's what I heard. 15 Has that ever happened on your shift? 16 Q. Yeah. 17 Α. What would they normally do just when that 0. 18 happened? How did they go about finding that? 19 Well, a lot of times you can take and turn 20 your lights and stuff out, you know, they'll go out 21 22 and put the breaker in and you can see it arc inside the cable handler and stuff. But now they 23 have been having a lot of trouble with the shearer 24

cable. 1 Up recently? Q. 2 Yes. Α. 3 Before April the 5th? Q. Yeah. Because rocks and stuff gets in 5 Α. that where it folds back and forth, it tears it all 6 7 to pieces. Q. I understand. I'm sorry. 8 A. Go ahead. I understand they changed that out 10 Q. recently, that cable? 11 Α. Uh-huh. 12 Had you had any trouble with it since they 13 Q. put a new cable in that you recall? 14 No, I don't believe. I don't believe they A. 15 had. 16 EXAMINATION 17 BY MR. MCATEER: 18 Thank you again for coming in, and I just 19 0. have some questions to try to fill in. 20 You testified, you mentioned that there 21 was an event in '97, an ignition in behind the 22 shields. Were you there at the time? 23 Α. Yes. 24

1	Q. And can you describe what happened for
2	me? I know it's a few years ago.
3	A. We was down on the tail, they was cutting
4	out on the tail when they had an ignition, and I
5	believe the two shearer operators had got their
6	hair singed and stuff.
7	But once they had the ignition, I mean, we
8	all come off the face and went outside. They
9	determined a piece of sand rock had fell back there
10	behind it and ignited it.
11	Q. Were there any other times that you had
12	methane or fireballs on the wall?
13	A. Not fireballs, but they've had methane on
14	the wall before. I couldn't tell you what year it
15	would be.
16	Q. Okay.
17	A. But at one time they had a bleeder, and I
18	think we was down three or four days waiting on it
19	to bleed off.
20	Q. And that bleeder was in the floor?
21	A. Yes.
22	Q. Were there any more than one time where
23	the floor bleeder had occurred, if you recall?

I'm sure there has been.

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A.

	ROGER SCARBRO EXAM BY MR. MCATEER
1	But no, that one I'm talking about is the
2	one MSHA come down there and had them put hundreds
3	of cubic feet air in the face to keep it flushed
4	out.
5	Q. Did you ever receive any training or
6	instructions about if you hit a bleeder in the
7	floor at any other time what you should do?
8	A. Yeah. It's according to how bad the
9	bleeder is. You know, sometimes you can go up and
10	take curtain off your shields and wing it out and
11	unflush the gas out.
12	Q. Did you ever have occasion to do that?
13	A. One time, but the methane content wasn't
14	very high at the time.
15	Q. Let me ask, about what time was the
16	shearer, I'm sorry, was the cable replaced, about
17	what period of time? Do you remember?

- what period of time? Do you remember?
- It's probably been -- ignition was in A. February or March probably.

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Now you testified that the electricians Q. would make the changes, make the repairs. Let me go back here until I get it right.

When the electrician would put a gauge on the hose, would they give you or make repairs,

would they talk to you about it or they took care 1 of it and you went on with your business? On the water gauge and stuff? 3 Α. Yeah. Q. You could see it. Because we was all 5 Α. standing right there together. You could see the 6 7 gauge and what pressure it showed. Q. Now you talked about the bits being 8 replaced and the water sprays sometimes being replaced as well. 10 Α. Uh-huh. 11 Where were the bits kept? 12 Q. A. Under the head drive. 13 Q. Under the head drive. 14 Yeah. A. 15 And where were the sprays kept? 16 Q. Most of the time under the head drive or 17 Α. over top the shields they had. 18 And how big are the bits? 19 Q. Probably three-inches long. All together 20 Α. probably about five, six-inches long. 21 How about the sprays? 22 Q. Well, the sprays probably be thumb and 23 about that long. 24

- Q. Did you ever carry any with you or did you take them with you?

  A. Yeah, sometimes.
  - Q. You said the E-stop button, there had been occasion when it was not working?
    - A. Uh-huh.

- Q. Do you have a recollection when that was or?
  - A. No, not really.
- Q. And you said that you'd also on one occasion there was a trickle duster that you had to call out and get them to cut the dust off. Do you remember just roughly when that was, recently or?
- A. Well, yeah, it's been since we were on this last panel. It was on this last panel, because the boss that was deceased in this was the one that called out and told them to turn it off, Timmy Davis.
- Q. You talked about you and the foreman would be setting the bits. And then who set the sprays?
- A. Me and the foreman. Yeah, if they was out, I mean, you was right there at the drum. You just pushed it in and put the horseshoe clip back in it.

- Q. If there was downtime during the shift on your crew and the electricians were doing work on a particular problem, what would you be doing?
  - A. Generally outby building cribs and setting timbers.
  - Q. But while the longwall was being worked on in this instance, there was apparently some work being done on the longwall during that shift, would you have gone to a location, would you have taken lunch?
    - A. What do you mean?

- Q. Well, in this instance, evidence indicates that there was repairs being done on the longwall and that the electricians were doing the work on it.
- A. Well, most likely they could have been eating lunch, but most of the time if they got a cable grounded in the bretby, everybody is down there, because you have to come along, lift the bretby out and then you've got keepers on it you have to take off and take the fingers off in order to get the cable and the water line out. So generally, everybody is there doing that. And when they make the splice, then maintenance makes the

splice in the cable.

- Q. This is where there was an arm, the problem was with the arm.
  - A. The ranging arm.
- Q. Ranging arm. And who would work on the ranging arm?
- A. Generally the electricians and probably whichever shearer operator, tail arm or head arm, because you have to lift it up and down to get the pin to line back up so you can put it back in.
- Q. Have you ever been involved in one of those jobs?
  - A. Uh-huh.
  - Q. Is that a pretty significant task?
- A. Well, sometimes it can be, you know. If you don't get the hole lined up, sometimes it would be three or four hours trying to get a pin back in.
- Q. But what would the rest of the crew be doing?
- A. Well, they could be outby setting timbers or ...
- Q. Okay. Okay. That's all the questions I have at the moment.

## 1 **EXAMINATION** BY MR. MAGGARD: I have got a few little questions there, 3 **Q**. 4 Roger. Had you ever seen the boss on your section 5 take an air reading? 6 A. Uh-huh. Q. Do you remember when let's say he was 8 taking an intake air reading, what would he do? Where would he check it at? 10 Well, he would check it at the last open 11 Α. break, he would check it over in the power entry 12 where the main intake come up, come across the rail 13 track, and come back over and go to the face and 14 took it I believe it was number nine shield and 15 another one at 160 shield. 16 Did he ever add the belt air or did he 17 Q. just stay in the track entry? 18 He can take an air reading by the belt, 19 too. 20 Have you seen him do that? 21 0. 22 A. Yeah. Or you just think he did? 23 Q.

No, he did.

Α.

Q. When he was --

- A. Because once, you know, the way it was set up, your belt come up and it all just connected.

  You know what I mean? So your air wasn't -- but he did take an air reading down the belt and an air reading --
- Q. Like if he got at nine shield, he'd get a feet per minute reading; right?
  - A. Yeah.
- Q. Where would he normally stand at and where would he normally put his anemometer to get that reading?
- A. He would take it and start at the top, he'd go over the pan line and back to the jack.
  - Q. So he'd move it around?
- A. Yeah. He just didn't hold it in one place.
- Q. Let's say, I mean, you're down at the tail and it's time for him to do his preshift, right, so he has to go up and get that intake air reading and then come down at nine and, like you said, 160 and stuff.

During that time that he has to do that, you guys are still in production mode, you're

cutting maybe toward the tail or whatever? 1 Α. Uh-huh. 2 Who's down there on your end taking gas Q. 3 checks? 4 A. The tail shearer operator. 5 So he would have a detector? **Q**. 6 7 Α. Yes. Q. What kind of detector -- I can't remember 8 who was your tail --9 Terrence Adkins. 10 Α. What kind of detector do you remember him Q. 11 having? 12 Solaris, I believe. 13 Α. A Solaris? 14 Q. Yeah, that stayed on all the time. 15 Α. Did he just clip it onto his belt? 16 Q. Yeah. 17 A. Or did he have a pouch? 18 Q. I believe he had it clipped onto his ... 19 Α. What about the other crews, do you 20 Q. remember if they had any like that, the shearer 21 operators? 22 No, I can't speak for other crews. 23 law is that one shearer operator has to have it. 24

1 That's the law.

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- Q. But I think maybe the last interview, I think you said you might have seen two tenths methane on the methane monitor.
  - A. That's the most I'd seen it.
- Q. Do you think the location of that methane monitor sensor is a good location, you know, as far as detecting methane, say, down on the tail?
  - A. Not really.
  - Q. Say you get to the tail end.

Have you ever had, say you're running the tail, you say Terrence was down there, and he would normally stay five shields back; right?

Did you ever stop and he'd go down to 176 and take a gas check or?

- A. Yes.
- Q. And would that happen very often or is that just every now and then?
  - A. No, generally about every trip.
- Q. So would that -- but if you was going to cut out, he couldn't get in front of you?
- A. No, he couldn't get in front of you. He'd have to stop.
  - Q. Right, he'd have to stop.

1	A. But he generally when we went down to cut
2	out before he cut out, he would stop and go down
3	and take a gas test.
4	Q. Do you think other crews, had you all been
5	trained to do that or that was just something
6	Terrence did?
7	A. That's something that most of us did.
8	Q. Did anybody else along the face have
9	detectors other than Terrence on your crew and the
10	boss?
11	A. The boss.
12	Electricians, I don't know if they had one
13	or not.
14	Q. You said sometimes you'd have to bit up
15	when you cut out, before you cut out or?
16	A. Yeah.
17	Q. Would you try to cut out and then back up
18	and bit if you thought
19	A. If you thought generally you end up
20	setting bits, because if you didn't set bits, then
21	it messed the lugs and stuff up on the drums on the
22	shearer.
23	Q. Was there any way to tell by the way it

Q. Was there any way to tell by the way it was cutting, how would you, by experience or how

ROGER SCARBRO -- EXAM BY MR. MAGGARD would you know when or was it just automatic to try 1 to bit up before you cut out? 2 If your bits gets real dull, your shearer 3 starts leaning up on its side, because it won't cut, and when you go down through there when you 5 trim down and try to cut, then the coal and the 6 sand rock shove your shearer up higher. Q. Would the face side bits wear out the 8 quickest or what's your experience with it? Generally, the face side would. 10 Α.

- Q. If you got down there and you had to set bits, how would you do your water spray check?
  Would that be something you'd do or wait until you got back to the head to do?
- A. Well, generally, we visited and checked it once down there. We would set the bits and then we'd have them start to turn the water on to see --
  - Q. Okay.

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- A. -- how many sprays and stuff we had spraying and stuff.
- Q. Would you say that it was, that you didn't have enough clearance cut out yet, that would be kind of hard to do, right, but you'd back it up where you did?

1 A. Yeah.

- Q. Okay.
- A. Yeah, because when you're setting bits, you've got to back it up, you've got to pull the, knock your jacks off push and pull your shearer and everything back, and then you pull the two shields overtop of your drums to, so you're in unsupported top when you set bits.
- Q. So did they keep sprays down there on the tail end for you all to change them out?
  - A. No.
    - Q. You'd have to --
    - A. All the sprays was kept up at the head.
- Q. I mean, you said when you had sprays you'd change them. How often did you run out of sprays and not be able to change them? How often would that occur?
- A. Well, generally 80 percent of the time they had sprays.
- Q. So if say -- I know you said you seen four sprays out is the most. If you didn't have sprays, would you have to keep running until you was able to get the sprays?
- A. Yeah, I mean. Sad as it is, I mean,

1 that's just ...

- Q. You said that you know when they was down you'd have to go out and set cribs, prop setters, I guess. Would you do that out in the tail entry, on the tailgate side of the longwall?
- A. We set props and stuff in it before they fired the longwall up, but they had a crew down there --
  - Q. That did that?
  - A. -- that did that.
- Q. But was there times that you would have on this panel here?
- A. I haven't, not on the tail. I have went out on the headgate side and set belt cribs and set props and timbers.
- Q. As far as the water system goes, have you had many problems with like the lines rupturing, any kind of loss of pressure that you all had to shut down for or anything you recall in this panel?
- A. No. Other than the water line busted in the bretby, you know, then you might change them. If it busts, you have to change it going out and stuff.
  - Q. You said you didn't have a water valve at

the end of the shearer?

A. No.

Q. Do you ever red

- Q. Do you ever recall ever having one while you've been at UBB or?
  - A. No.

- Q. Do you know why they didn't have one at the end of the shearer? Was there a reason that they didn't?
  - A. I don't know.
- Q. Did that hinder you in any way by not having your own valve down there to be able to shut the water on and off?
- A. No, because we'd all just go to the phone and holler and tell them.
- Well, most of the time if you shut the line off, the headgate operator automatically shut the water and stuff off.
- Q. So if you shut the pan line down, he would know to shut the water off.
  - A. Yeah.
- Q. Was that, I mean, I guess you could have called him on the phone, too, and talked to him and told him to turn it off.
- **A. Yeah.**

But was that just something that was 1 Q. quicker, you guys could do that and he'd know to 2 shut it off, he'd be down there? 3 Yeah. Α. Do you know if any of the other crews 5 would have had that same practice? Have you worked 6 with some of those headgate operators? A. Pretty much all of them done that. 8 You said that you, on a particular panel, 10 I don't know which one it is, that you had to wing a curtain out and I guess force air behind the 11 shields, is that right, to get rid of some methane. 12 Yeah. We hung, I don't know, three or 13 Α. four wings like that. 14 Do you know where that methane was coming 15 0. out that you'd run into? Was it like on the 16 tailgate end of the face or mid face or? 17 No, it was more up towards the middle of Α. 18 the face. 19 How far ahead of the shearer was causing 20 **Q**. the problem? 21 22 Α. The head, the shearer was outby. The boss had went down to do his preshift. 23

But you only remember one occurrence of

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Q.

that or?

- A. Yes. The only other time is when we hit the bleeder, like I told you.
- Q. Dean was talking, or Davitt there, that they had a problem with the B lock. Or the ranging arm pin, and they had to put the B lock back in, and you said you've seen, you've had that happen to you before.

Say you were up toward the head, mid face, and that happened and you started back up, would you ever stop the machine to check it again or would you just keep going and you could tell that it was working okay or hadn't come back out, or what would you do?

- A. You can tell if a pin comes out. See, it's got a pin in each side of it. When you go through, if you cut bottom or whatever, say the inside pin comes out, if you're cutting through a cut bottom your range arm will --
- Q. As far as the B lock goes, once you get it tight, you don't think there would be any reason you'd need to stop to check it again going toward the face?
  - A. No.

Q. Or going down the face?

- A. Because it's got, I don't know, eight or nine Allen bolts that goes in it to hold them. But a lot of times you got to take torches and cut them out.
- Q. Yeah, I noticed that one, like on the face side they were adding an additional piece that you'd have to cut out.

You've had a lot of experience, huh. How many years was it that you worked in the mines?

- A. I have been in the mines since April 22nd,
  - Q. Pretty good while.

As far as the rock, you was talking about that trickle duster down there at I guess the mother drive. I noticed they had one there. How was they rock dusting like the tailgate and other entries, not the belt or not the track, but other entries in the mine?

- A. Now they would hand dust the intake and around the mule train and all that. Now as far as return, I couldn't tell you nothing about that.
- Q. Would it be possible that, you know, when they developed those entries, they rock dusted it

and they maybe never touched it again, you know? 1 I would say that's a good assumption. 2 would say once the panel is drove up and the 3 longwall is set up, that other timbers (phonetic) 4 and stuff in the tail end, that's why I don't go 5 back over and rock dust. 6 7 MR. MAGGARD: You got any more questions? 8 MR. CRIPPS: Yeah. 9 10 **EXAMINATION** BY MR. CRIPPS: 11 How long did you run the Joy shearer? Q. 12 Probably 20 years. 13 Α. Twenty years. Familiar with the fire Q. 14 suppression on the Joy shearer? 15 Α. Yeah. 16 What about the fire suppression on this 17 Q. one, did it work? 18 Yes, sir. 19 Α. When was the last time --20 Q. It did have handles on the --21 Α. 22 Q. I didn't hear you. I said it did have handles on it that you Α. 23 could open. 24

- Q. On this shearer?
  - A. Yeah, and check it.
  - Q. Do you know when the last time it was checked?
    - A. Not really.
  - Q. Because I can tell you now, when we checked it, there's no handle there, there's no valve there.
    - A. Well, there was.
  - Q. On the headgate end. There was sometime during this panel.
  - A. Sometime during this panel.
- Q. But you don't know when that valve come up missing?
- 15 **A. No.**

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- Q. Did you ever set bits with a drum all the way out in either the headgate entry or the tailgate entry?
  - A. No.
- Q. You don't recall ever doing that or any reason why it would be done?
- A. No, because you, especially on the
  headgate entry or either one, you would be out from
  under unsupported top all the time.

To clarify what Jasey said there, if the 1 Q. conveyer is running, you're running the shearer and 2 the belt goes off, of course the conveyer goes off, 3 I assume, you hope the conveyer goes off, do you guys keep loading? What do you do? 5 No. If the chain goes off? 6 Uh-huh. Q. No, you don't keep loading. 8 Α. Does the water keep running? Do you call Q. 10 the headqate? That guy out there, the headgate operator 11 Α. turns the water off. 12 So he'll turn it off without you guys 13 Q. having to call? 14 Α. Yeah. Most of the time the only time we 15 have to call is when we want them to turn it back 16 17 on. You've got a lot of experience on the 0. 18 longwall. I'll tell you this. The shearer cable 19 is not grounded. We know that. 20 Shearer cable is not grounded. 21 Α. 22 Q. Shearer cable is not grounded. We've already talked about those guys weren't leaving 23

because of the end of the shift.

See, I heard that Spanky's packman is what 1 Α. turned the shearer off the last time it was cut off. 3 The packman? Q. Uh-huh. Which would have been the tail 5 shearer operator. 6 7 The tail shearer operator. That's what we 0. think, too. 8 You know what the JNA is? 10 Α. Uh-huh. And of course, we downloaded, got the 11 information from the JNA. So if the JNA shut it 12 off and the shearer cable is not bad and the 13 shearer operators --14 Wasn't mid face. Α. 15 -- 70 shields away? 16 Q. They would have seen something. 17 A. Pardon me? **Q**. 18 They've either seen something or heard 19 Α. something. 20 21 See, the shearer, of course, you all been 22 down there, I quess. Yeah, we've been there many times. 23 0. Is the shearer cut out on the tail cable 24 Α.

stretched out?

- Q. The shearer, the drum. Have you seen the pictures at all?
  - A. (Witness nods.)
  - Q. Do you want to see a picture?
- A. I ain't been back up there at that mine since this happened.
- Q. Well, this right here is a, that is the tail drum. That picture is actually when we put water on the shearer.

As you can see there, the tail drum, it's cut out into the tail entry. Does that look right to you if it's cut out into the tail entry?

- A. (Witness nods.)
- Q. Now I can tell you there that the cable is pulled tight, but it looks like the --

Let me ask you a question. When you're cutting to the tail, when do you stop? What determines when you stop and turn around and go the other way?

- A. Well, they got a stop.
- Q. A stop on the?
  - A. On the tail drive itself.
- Q. And you just run up against that?

Yeah. Your rack wheel trapping shoe goes 1 Α. up against the stop and that's as far as it will. 2 And so even though you're cut out just 3 like that picture there, the face is cut out, would you continue to tram until you hit the stop? 5 Yeah, you slow down and tram until you hit 6 7 the stop. Because the shearer right now is probably 8 Q. about four feet from that stop. 10 And where you see the drum right now, the bits are in the top, and the bits are also in --11 Α. In the bottom. 12 -- in the bottom. 13 Q. So does that indicate anything to you? 14 A. Yeah. It indicates to me they wasn't 15 cutting much high. 60-inch drum, 60 inches was all 16 they was cutting. 17 If I say it's in the bottom -- normally 0. 18 when you cut out at the tail, what's the process? 19 You cut out on top and then ... When you 20 cut out on top, then you're going to cut down, cut 21 22 your bottom, you'll go back to probably close to where you were standing at, and then you flip your 23

cowl and then you'll cut back down on the bottom

again. And then you flip your cowl and then you... 1 So in this case here, you would actually 0. 2 sump down with a drum? 3 Uh-huh. Α. And then cut your bottom --5 Q. Yeah. Α. 6 7 -- going back? Q. In this case here, the drum hadn't been 8 sumped down yet to cut the bottom out? 9 10 A. No. Like I said, the shearer cable wasn't Q. 11 grounded. 12 And so if you seen something on the face, 13 say you're, if you're the shearer operator, which 14 you'd been at the tailgate many times, you need to 15 get out of there fast, you going out the tailgate 16 or you going out the headgate? 17 It just depends. Α. 18 On what? 19 Q. A. Circumstances. 20 Q. Okay. 21 22 Α. Because if you're down in the face, I mean, the way it was ventilated, your air comes up, 23

your main intake comes over top of your mule train,

okay, say there's a fire or something at that mule train, well, your best route if you're at mid face is to go out the tail entry, because the smoke is going to be on top of you before you know it.

- Q. Won't there be smoke out in the tail entry?
- A. Well, some way down this tail entry they had a route where you could go down about the tail entry, you can go across and get in another entry.
- Q. And would it be different air than what's going over the mule train?
- 12 **A. Uh-huh.**

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- Q. Okay.
- A. Yeah. Which it come out, the way they had it routed, where the tail section was.
  - Q. Say that again.
- A. Say you went up and where you made your split, 78 break.
  - Q. Okay. I'm with you.
  - A. Okay.
- Q. Do you want to do it right here on this map?
  - A. The one crew went up the left-hand side, which that was your tailgate crew. That's the one

that six of them got killed and two of them
survived. Okay. Well, they had that air set up in
your return, when you went down and you went
across, you come out over in there where they was
mining.

- O. That's this --
- A. Supposedly.
- Q. Well, getting back to what I asked. You said depending on the circumstances. What circumstances would make you go out the headgate side?
  - A. If you hit a bleeder.
  - Q. If you hit a bleeder?
- A. Yeah.

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- Q. In the tail entry?
  - A. In the tail entry or mid face.
- Q. While we got this picture out, that's a photograph of that tail drum, and we got water applied to the shearer down there.
  - A. Yeah. I see one, two, three sprays out already.
- Q. That's drum sprays that's missing, is that what it appears to be to you?
- A. That's exactly what it is.

1	Q. Now if you're operating and of course,
2	I understand that's the tailgate drum. But
3	whichever drum, if you've got sprays out like that,
4	would they be noticeable, do you think?
5	A. Well, yeah. When your drum turns around
6	and it slings water instead of spraying it.
7	Q. What if they was on the sump ring or the
8	face ring?
9	A. You would still see it.
10	Q. You think you'd still see them?
11	A. Uh-huh.
12	Q. So if there's six of those sprays out, you
13	think that would be noticeable?
14	A. Yeah, definitely.
15	It's noticeable even if you've got one
16	out, especially if it's in the middle of the drum.
17	But you've got a spray for every bit.
18	Q. Right. So I forgot what I was going to
19	say.
20	MS. HAMPTON: For the record, I'm
21	going to mark this photograph that we've
22	been discussing as Exhibit No. 3.
23	(Exhibit No. 3 marked for
24	identification.)

1	Q. Do you want to look at that anymore? Do
2	you got any more questions about where the shearer
3	is?
4	A. No.
5	Q. In a situation on your shift when you're
6	cutting out down at the tailgate like that, where
7	would the tailgate operator be located?
8	A. Five jacks inby me, standing the same
9	place I'm standing.
10	Q. How in the heck can he see it?
11	A. You can't.
12	Q. So does he ever sneak down there where he
13	can get a little better view of it?
14	A. No, the only time he went down there is
15	when we took a gas test, not running.
16	Q. So when he cut out, how would he know when
17	he was, if he was even with the roof out in the
18	tailgate entry or when it was time to stop?
19	A. See, you can't determine that.
20	Q. You can't determine it.
21	A. No, because you're five jacks back, I
22	mean, the jacks is five and a half foot long, five
23	and a half foot wide, you know, and your shearer is

probably, I'm going to say roughly eight to 10

jacks long.

- Q. Because I can tell you, with that drum right there, it's at 176 shield right now, and the headgate drum is at 169 shield, so there's about seven or eight shields. If you're back -- so you're 12 shields back.
- A. Like you said, four foot still cutting out.
- Q. Right. Yeah, they've intersected the rib line and the tailgate entry, but they are four feet from the stop.

Now have you noticed since they put the new cable on, if they went ahead and trammed four feet all the way up to the stop and when you turn around and go back to the headgate, would you have the loop in your bretby mid face or was it pulled tight?

- A. No, you should have a loop.
- Q. You should have a loop?
  - A. Yeah.
- Q. How much was left there, do you recall?
- A. No, I don't recall.
- Q. Was there ever too much there to give you problems?

- ROGER SCARBRO -- EXAM BY MR. CRIPPS Sometimes there was too much. You talking 1 Α. about looped under the bottom of the --2 Well, no, I'm talking about looped up into 3 the cable trough. Α. Yeah. A lot of times, because a lot of 5 times you had to, where your loop was, you had to 6 7 stand there and hold it to pull it over to keep it from falling out. 8 Keep it from going on in the pan? Q. 10 Α. Yeah. So there was enough there that the bretby 11 Q. was looped up above the top of the cable trough? 12 Probably, yes. 13 Α. 14
  - Because this is a deep cable trough? Q.
  - Uh-huh. A.

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- I think it is compared to what I'm used to Q. seeing.
- But most of the time if it's right, Α. Yeah. you've just got a roll where your shearer cable when it comes through there traveling, and once it gets so much on it, then it shoves the --
  - Q. That's the way it should be; right?
  - Should, you know. Α.
  - But in this case here, you still had some Q.

slack --1 Α. Yeah. -- the last time you was running. 3 Q. Because we measured the loop there at mid face and my numbers didn't quite add up. There's 5 more than four feet there, so that make sense to 6 you then? Α. I wouldn't think there would be four 8 foot. Because it feeds out of the bottom of the 10 pan line. 0. Pardon me? 11 Because the cable comes down and feeds out 12 of the bottom of your pan line and up through 13 the... 14 Right. Okay. But if a little bit more 15 Q. slack had worked up, you're going to have a loop --16 A bigger loop. 17 Α. **Q**. A bigger loop. 18 Yeah. 19 Α. You got any idea why them blades would be 20 Q. open for the shearer cable up at the headgate? 21 22 Α. Not, just be speculation. Q. Okay. 23

Not unless the shearer operators had seen

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Α.

1	something and called up and told them to disconnect
2	the pull away (phonetic) on the shearer, kill the
3	power.
4	Q. What about the water being shut off,
5	because the water was, or is shut off, was shut
6	off?
7	A. If they locked the pan line out, then the
8	headgate operator automatically shut the water off.
9	Q. So if they just went by a Comtrol box and
10	flipped the switch, he's going to kill the water?
11	A. He's going to kill the water.
12	Q. Why doesn't he just automatically kill the
13	water?
14	A. I don't know. That's what they been
15	doing.
16	Q. Is there a lot of water on that shearer?
17	A. Yeah.
18	Q. Make a mess?
19	A. Makes a mess.
20	Q. Do you guys get wet?
21	A. Get wet.
22	Q. Wet and nasty?
23	A. You don't get wet when you have to stay
24	and run it, though. Unless you're running the

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water curtain.
1
             Let me look here and see if I got
2
        Q.
 3
    anymore.
             Did you wear an Airstream helmet?
 4
        A. Yes, sir.
 5
             Every day?
        Q.
6
 7
             Every shift.
        A.
8
        Q.
             Every shift. When you run it?
        A. Uh-huh.
9
        Q. Did you take it in and out of the mine
10
    with you?
11
        Α.
             Yeah.
12
             So where did you keep it when you was away
13
        Q.
    from work?
14
        A. Out in the mine office. They had a place
15
    where you store it.
16
             So did you have your own helmet assigned
17
        Q.
    to you?
18
             Yes.
19
        Α.
             So every day you picked up the same
20
        Q.
    helmet?
21
             Same helmet.
22
        A.
             And took it underground?
23
        Q.
24
             Took it underground.
        A.
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- ROGER SCARBRO -- EXAM BY MR. CRIPPS When you was wearing it on the face, what 1 Q. did you do with your regular hardhat? 2 Laid it under the head drive. Α. 3 And then just at the end of the shift Q. you'd pick it up? 5 End of the shift, or whenever we set bits. 6 What about the other guys on your crew, do Q. you know if they wore Airstream? 8 Α. Yeah. All right. Okay. Do you know what --10 **Q**. Both jack setters, I mean, both shearer Α. 11 operators and the jack setter wore it. 12 The electrician had to wear them if he had 13 to go inby and work on something while we was 14 running coal, which he only stayed around 30 15 minutes. 16 When you was on second shift and you was 17 0.
  - Q. When you was on second shift and you was hot seating, did you notice if the other crews wore them?
    - A. Yeah. Now they wore them on the first --
    - O. Pardon?

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A. They had them when we first, you know, when we passed them, where they come down and relieve us out, now after the shift is over.

1	Q. But at the shift change when you seen
2	them, they'd have the
3	A. They had their helmets.
4	Q. The helmets?
5	A. Uh-huh.
6	MR. CRIPPS: I think I'm done
7	with you. Wore you out.
8	Anybody? Bill, you got anything
9	else?
10	MR. TUCKER: No.
11	EXAMINATION
12	BY MR. MCATEER:
13	Q. I just have a few, Roger, to clarify.
14	You said the mechanic had to wear them in
15	certain circumstances, the Airstream helmets, I
16	mean. In your case, did you have to wear them
17	because of the plan?
18	A. Yes.
19	Q. Now you said
20	A. It was Massey's
21	Q. Okay.
22	A law. I mean, MSHA wouldn't, you know,
23	approve them as a
24	Q. Right. They were not approved as part of

the MSHA plan?

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- A. No, no.
- Q. Dean asked you about the circumstances in which you would exit the longwall toward the headgate. And you said if there was a bleeder in the tailgate section. Would you have gone if that, if there was ignition there, would you have moved toward the headgate?
  - A. Yes.
- Q. If there was a bleeder without an ignition?
- A. I would go towards the headgate, because your air is coming down and pushing.
  - Q. So it's really dependent upon where your air is and if you don't have something coming at you from the --
- 17 **A. Yeah.**
- Q. Can you run without bits or with bits that are pretty bad?
- 20 **A. No.**
- Q. Because it tends to, you were talking
  about it tends to --
- 23 **A. Yeah.**
- 24 | Q. -- roll.

Can you run without sprays?

- A. Well, you can, but not with no six or seven out. I mean, you ain't got no pressure on your drum.
- Q. Just one last question. Was there a period of time when the air was reduced on this longwall?
  - A. Yes, sir.
  - O. Remember when it was?
  - A. Somewhere around the last of March.
- Q. Did you ever hear any reason why that was done?
- A. See, they made three ventilation changes since we've been on this panel, and the last one was made somewhere around last March. And after the previous two had been done, we had a hundred and some thousand coming down through the last outbreak. And after they made the last one, we had 56,000 down through the last outbreak.
- Q. And I just missed. You said they made three changes on this panel?
  - A. On this panel.
  - Q. And that's all the questions I have.

#### EXAMINATION

## BY MR. MAGGARD:

Q. Yeah, I got a few. I won't take long.

When the sprays are out, and I want you just to imagine four being out, okay, for now, would you kind of describe what it looks like as it goes down the face, how the ground looks, how the water is spraying, and what's it look like to you?

- A. You got more dust.
- Q. You got more dust.
- A. Because you've not got the pressure of the sprays to push the dust.
- Q. Can you tell me what the most important sprays are on the shearer to keep unplugged?
- A. I would say your drum sprays, which you've got, well, they've got probably 120 sprays on that shearer.
- Q. Was there any of them, I mean, did you see any problems with plugging?
  - A. No.
- Q. When you went and looked at the sprays, let's say the beginning of the day shift, okay, how many would you count to be, that was spraying, let's say, can you remember like on the Saturday

that you worked day shift?

- A. Generally, at least 95 percent of them.
- Q. Would you count them or would you just kind of eyeball them?
- A. I just eyeballed them. I mean, because they had you had one, two, three, three spray things on the back of the shearer, you had your drum sprays, you had sprays on the ends, both ends of your shearer, and you got sprays on your rack quards.
  - Q. Let's talk about the face side sprays.
  - A. The drum sprays on the face side.
- Q. Yeah, in between the drums, your brass, the soft tooth sprays I guess a lot of them call them. Was there any of them missing, like any spray box missing or anything you remember that maintenance needed to fix?
- A. No, not that I remember.
- Q. Are you for sure about that? I mean, was you able to look at them or?
  - A. I mean, you can see them spraying them.
- Q. Just from standing in the pan, you could tell that they were --
- A. Yeah, standing on the jack line, you can

1 see them sprays.

- Q. Do you know why that some sprays may have a, you know, there's been a lot of news, but why some sprays may have a wider opening than other sprays? Were they being tapped out or were they a different type spray?
- A. No, you can buy different, different number sprays.
- Q. Have you ever seen, you know, seen sprays that they might have took the piece of plastic out because it was causing them to get plugged up?
  - A. Yeah, I have seen that.
- Q. Tell me about that. How often -- I mean, was that little plastic Teflon type?
  - A. Yeah, a lot of times it was gone.
  - Q. Do you know why?
- A. I guess they figured it restricted water that would come through the sprayer. Which it's got two little Teflon things, got two little holes in it.
  - O. So --
- A. If you had a tip cleaner, I mean, you could clean that out.
  - Q. Right. Would it be possible that some

people would take those out and then put the spray back in and so that way it wouldn't plug?

- A. Very possible. But it would still plug, I mean, regardless.
- Q. A lot of the sock filters or, was they changing those a lot on the, over on the mule train?
  - A. Yeah.

- Q. When is the last time you seen them changing them a lot?
- A. It's probably been probably two months before the ignition.
  - Q. Do you think they --
- A. See, anytime that -- see, their water system -- see, at one time they had fresh water, but they got a pump, they pumped the water out of the river. Anytime there's a big rain or anything like that, the river gets muddy, it pumps all that into their system, so it stops everything up.
- Q. You know, we noticed that there wasn't, they quit using the sock filter, but I noticed that earlier they had, and I was wondering if you knew why they, why they quit using them or if you even knew that they did?

1	A. No, they'd been using them. We talking
2	about the sock filters down at the mule train?
3	Q. Right.
4	THE COURT REPORTER: Can you
5	repeat that?
6	THE WITNESS: He's talking about
7	the sock filters that's down to the mule
8	train on your water pump guard.
9	Q. Where did they keep the socks at?
LO	A. They generally had them right there on the
L1	top of your emulsion tank.
L2	Q. So they kept spare ones?
L3	A. Uh-huh.
L 4	Q. Now you said that, you know, you get four
L5	missing, you wouldn't have no pressure on the
L6	drum.
L7	Have you ever seen like two out and
L8	somebody take a pressure gauge reading to see how
L9	much pressure was on the drum with two out?
20	A. No.
21	Q. I guess it's been a few times you've had
22	dust run on you when the inspector comes to the
23	section, but how would he check the sprays, the
24	pressure on the shearer?

1 A. Same way.

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- Q. Same way you would?
- A. Yeah. He would go where the electrician would hook the hose up into the block on the backside and he --
- Q. He would take one of the brass sprays out or soft tooth sprays?
  - A. Yeah. And he'd look at the gauge.
- Q. When you see this picture, just with the number of sprays missing, I mean, you can't see them all, but you see there's three that's real easy to see, but there's four more.
- A. Uh-huh.
- Q. Does that surprise you, knowing that there's that many?
- A. Surprise me there's that many sprays out of that drum.
- Q. Let's say that if it was just those three or four, would that surprise you?
  - A. Yeah, because generally, unless they did not have any.
    - Q. Right. How about two?
    - A. Which two is a possibility, I mean.
- Q. So would running with two out be pretty

1	normal?
2	A. Yeah.
3	Q. A normal occurrence?
4	A. With two, I mean, you still have pressure
5	on your drums, but with seven, I mean, you've lost
6	all your volume.
7	Q. Have you ever seen one spraying like that,
8	you know, say you cut out and you get ready to bit
9	up and they had the water on?
10	A. Yeah. Like that right there?
11	Q. Yeah.
12	A. Yeah. Because you don't see them
13	sprays out right there, you got seven of them out.
14	Do you see them? You don't see nothing coming out
15	these bits.
16	MS. HAMPTON: Just so the record
17	is clear, you're indicating, you're
18	talking about the bits that are at the top
19	of the photograph that's marked Exhibit 3.
20	THE WITNESS: Yeah. See where
21	your sprays are at?
22	MS. HAMPTON: And you're pointing
23	to the streams that are coming out.
24	THE WITNESS: This sprays out

here, which they said there was seven. 1 That's four more. But there's no water 2 coming out the rest of your sprays. 3 MS. HAMPTON: So the sprays at the top and then underneath the solid 5 streams there's no water coming out at 6 7 all. THE WITNESS: So the only water 8 you got coming out trying to get rid of 10 the dust is what's coming out of the seven sprays that's there. 11 With the problem with the other part, you 12 Q. know, we was talking about plugging and the sand 13 and the sock filters and all that. We talked about 14 the little Teflon piece of the sprays sometimes 15 16 being removed. Had you ever seen guys that just, they decided they needed to widen the orifice 17 because they was having so much problems with the 18 water? 19 No. 20 Α. Tap them out or anything? 21 Q. 22 Α. No. I did not see them take tip cleaners and clean the spray out itself. 23 MR. MAGGARD: I think that's all 24

I got.

MR. KOERBER: Bill?

# EXAMINATION

## BY MR. CRIPPS:

Q. I got one more question for you. I guess in general and 37 plus years experience, I'm going to ask you a question, and give me your opinion if you want, because you seem to know about the ventilation on this wall and the tailgate entry, you said you know what the smoke is going to do if it come across you on the face and where you're going to find fresh air.

Now you talked about hitting a bleeder there in the tailgate. In your experience, and you've been around a lot of mines, you hit that bleeder there in the tailgate with the ventilation scheme they have got there, how is that going to get us out this Headgate 22 unit?

- A. You're talking about the new panel they was driving?
  - O. Do what?
- A. You're talking about the new panel they
  was driving?
  - Q. Not the Tailgate 22, the Headgate 22.

- A. The one that was inby?
- Q. Yeah.

- A. They set this panel up before we had four entries right in here.
  - Q. Say that again now.
- A. Among all the other panels we set up, we had four entries over here.
  - Q. Is that on the headgate or the tailgate?
- A. That's on the longwall. We had four entries. Our air never come across the mule train. This is the first panel that was ever done this way.

Our air come up this entry over here and come across the face.

The way this panel was set up, okay, you had four entries, but Headgate 1, the furthest panel over, for a certain amount of time, I don't know how long, they were using that as a return to return by the longwall.

Okay. Our intake come up and come across the mule train. Everything up through here was stopping gob (phonetic) plum to wherever they quit driving back here, which was 140 break. I think we fired up at 80 or 90 break. Okay?

So once we pulled out, once we started 1 pulling out, everything back here collapsed because 2 it would swell (phonetic) all your stoppings and 3 stuff out. So your methane, all it's got to do is go 5 in behind your jacks, come back here, it can fill 6 every bit of this full of methane. Q. Come out the headgate side of the gob is 8 the way you're describing? It can go in behind the jacks and feed 10 back through here where all your stoppings and 11 everything is crushed out behind us and come over 12 here in these entries. 13 Shouldn't your bleeder fan keep that from Q. 14 happening? 15 It should. 16 Α. Anybody been back in behind the longwall? 17 Pardon me? **Q**. 18 Under investigation, has anybody been back 19 in behind the longwall? Or you can't get back 20 21 there. 22 **Q**. Can't get back there. We've been as far as we can go. 23

It's probably roofed out with water.

24

Α.

1	Q. I haven't been back there by myself
2	MR. MAGGARD: roofed out, but
3	if they have had some roof conditions,
4	roof falls, and I forget what break they
5	did make it to back in there. Not on this
6	side. Some had. I don't know for sure.
7	A. But you're right, I mean, it should all
8	bleed to the fan that they got back there pulling
9	out.
10	Q. Have you known of it being roofed out back
11	there
12	A. With water?
13	Q with water?
14	A. I know of it being close to roofed out.
15	Q. Recently? Let me rephrase that.
16	A. On this panel.
17	Q. Shortly prior to the explosion or just on
18	this panel?
19	A. On this panel. Seems like a couple of
20	months before the explosion, two or three months.
21	See, we had water coming out of the face, it was
22	like a creek.
23	Q. Okay.
24	A. We had water run like that for a month.

1	Q. Where was it coming from?
2	A. In behind us.
3	Q. From out of the gob?
4	A. Yeah.
5	And then the only way you can get rid of
6	water is you mine down and once your elevation
7	changes, you go up the hill and you leave the water
8	behind.
9	Q. Do you guys ever operate with the fan not
10	running?
11	A. No.
12	MR. CRIPPS: That's all I have
13	got.
14	EXAMINATION
15	BY MR. MAGGARD:
16	Q. Let me ask you one more question, Roger.
17	Do you know I know they had some air pumps back
18	in here for this headgate. Okay.
19	A. You talking about the water pumps?
20	Q. Right. They had some air pumps that was
21	fed by air compressors up at Bandytown. Do you
22	ever remember they had some water problems that air
23	pressures went down and maybe block ventilation on
24	the headgate at any time? Or heard anything about

1 | it?

- A. Well, I do know they put the pumps in there. And once they pulled up so far where you couldn't go back in there to check nothing, I'd say that was the end of your pumps.
  - Q. That's all I have got. Thank you.
- A. You know what I mean? I'd say once you couldn't check it, I'd say they cut the cable off and --

#### **EXAMINATION**

### BY MR. MCATEER:

Q. You said the water was close to being roofed out and then you said that there was water on the wall itself on the panel, so ...

Was there any conversation about that, was there any we were going to take steps to fix that, or were you just waiting for the elevation to correct it?

- A. Well, no, I mean, they set pumps, which we set pumps down the face and pumped it outby. Where they pump it to, I don't know.
  - Q. And just last question. Sorry.
- A. We got the best pump in the world on the longwall. Once you're down on the tail and you

start back to the head, the water is gone. 1 Can you remember when that was when you 0. 2 were setting pumps on the wall and on the --3 Probably January, February. 4 Α. MR. MCATEER: That's all the 5 questions. 6 7 MR. KOERBER: Roger, if there's anything else you want to add or anything 8 you want to, any statement you want to 10 make or anything you want to say or anything you want to ask, the floor is now 11 yours. 12 MRS. SCARBRO: I want to ask 13 something. He was subpoenaed to come out 14 here. The guy that delivered the subpoena 15 said he would get paid mileage and for 16 being out here. 17 MR. KOERBER: That was what we 18 had done when we was subpoenaing under 19 what had been considered to be the public 20 hearing statute, then we got sued by a 21 22 bunch of people that got tired of getting subpoenaed. 23 MRS. SCARBRO: So he just coming 24

1	here today
2	MR. KOERBER: There is no
3	reimbursement at this point in time, no.
4	MRS. SCARBRO: So we'll accept no
5	more subpoenas from this point on. I said
6	he won't take no more subpoenas from this
7	point on.
8	MR. KOERBER: That's fine.
9	Do you have anything you want to
10	add?
11	THE WITNESS: No.
12	MR. KOERBER: We will go off the
13	record.
14	On behalf of the Office of
15	Miners' Health Safety & Training, I'd like
16	to thank you for coming.
17	And we'll go off the record.
18	(The interview of ROGER SCARBRO
19	concluded at 1:20 p.m.)
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1	STATE OF WEST VIRGINIA, To-wit:
2	I, Lisa Marie Short, a Notary Public and
3	Certified Court Reporter within and for the State
4	aforesaid, duly commissioned and qualified, do
5	hereby certify that the interview of ROGER SCARBRO
6	was duly taken by me and before me at the time and
7	place specified in the caption hereof.
8	I do further certify that said proceedings
9	were correctly taken by me in stenotype notes, that
10	the same were accurately transcribed out in full
11	and true record of the testimony given by said
12	witness.
13	I further certify that I am neither
14	attorney or counsel for, nor related to or employed
15	by, any of the parties to the action in which these
16	proceedings were had, and further I am not a
17	relative or employee of any attorney or counsel
18	employed by the parties hereto or financially
19	interested in the action.
20	My commission expires the 8th day of
21	September 2018.  Given under my hand and seal this 14th day of February 2011
22	of February 2011.

Lisa Marie Short

Notary Public

CCR

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