No. 86694

IN THE NEVADA SUPREME COUR Electronically Filed Oct 04 2023 08:39 AM Elizabeth A. Brown Clerk of Supreme Court

John Seka,

Petitioner-Appellant,

v.

State of Nevada, et al.

Respondents-Appellees.

Petitioner-Appellant's Appendix Volume 4 of 15

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Dated October 4, 2023.

Respectfully submitted,

Rene L. Valladares Federal Public Defender

/s/ Jonathan M. Kirshbaum

Jonathan M. Kirshbaum Assistant Federal Public Defender

CERTIFICATE OF SERVICE

I hereby certify that on October 4, 2023, I electronically filed the foregoing with the Clerk of the Nevada Supreme Court by using the appellate electronic filing system.

Participants in the case who are registered users in the appellate electronic filing system will be served by the system and include:

Alexander G. Chen and Aaron D. Ford.

I further certify that some of the participants in the case are not registered appellate electronic filing system users. I have mailed the foregoing document by First-Class Mail, postage pre-paid, or have dispatched it to a third party commercial carrier for delivery within three calendar days, to the following person:

John Joseph Seka, #69025	
High Desert State Prison	
P.O. Box 650	
Indian Springs, NV 89070	

/s/ Kaitlyn O'Hearn

An Employee of the Federal Public Defender, District of Nevada

1	COPY DISTRICT	COURT
2	CLARK COUNTY	, NEVADA
3	* * *	*
4		
5	STATE OF NEVADA,	•
6	Plaintiff,	
7	vs.	Case No. C159915 Dept. XIV
8	JOHN JOSEPH SEKA,	Dept. AIV
9	Defendant.	
10	,	
11	VOLUME	I I
12	REPORTER'S TH	RANSCRIPT
13	JURY TE	RIAL
14		
15	BEFORE THE HONORABLE	DONALD M. MOSLEY
16	DISTRICT	JUDGE
17	Taken on Friday, Feb	oruary 16, 2001
18	At 10:50) a.m.
19	APPEARANCES:	
20		ARD KANE, ESQ. 1 FATTIG, ESQ.
21	1	outy District Attorneys
22		RK T. KENNEDY, ESQ. TER S. CHRISTIANSEN, ESQ.
23		.DA S. CHRISIIANSBN, EBQ.
24	7	
25	Reported by: Maureen Schorn, C	CCR No. 496, RPR

	3
1	LAS VEGAS, NEVADA. FRIDAY, PEBRUARY 16, 2001, 10:50 A.M.
2	* * *
3	
4	THE COURT: The continuation of
5	C159915, State of Nevada versus John Joseph Seka. The
6	record will reflect the presence of the defendant. We
7	have Mr. Christiansen and Mr. Kennedy as Defense counsel;
8	Mr. Kane and Mr. Fattig present for the State.
9	Ms. Clerk, would you call the roll of the
10	jury, please.
11	THE CLERK: Paul Kanala?
12	JUROR KANALA: Here.
13	THE CLERK: June Craig?
14	JUROR CRAIG: Here.
15	THE CLERK: Antonina Clark?
16	JUROR CLARK: Here.
17	THE CLERK: Jamila Pierson?
18	JUROR PIERSON: Here.
19	THE CLERK: Timothy Thomas?
20	JUROR THOMAS: Here.
21	THE CLERK: Laura Williams?
22	JUROR WILLIAMS: Here.
23	THE CLERK: Daniel Brown?
24	JUROR BROWN: Here.
25	THE CLERK: Shari Custard?

JUROR CUSTARD: Here. 1 THE CLERK: Trudy Reeves? 2 JUROR REEVES: Here. 3 THE CLERK: Scott Saunders? 5 JUROR SAUNDERS: Here. THE CLERK: Monta Hafen? б 7 JUROR HAFEN: Here. THE CLERK: Barbara Kwiatkoski? 8 JUROR KWIATKOSKI: Here. 9 THE CLERK: Michelle Pro? 10 ALTERNATE JUROR PRO: Here. 11 THE CLERK: Eric Zuck? 12 ALTERNATE JUROR ZUCK: Here. 13 THE CLERK: Your Honor, the panel the 14 15 present. 16 THE COURT: Thank you very much. Good 17 morning, ladies and gentlemen. I appreciate you accommodating my schedule yesterday. Unfortunately, plans 18 19 don't always work out just as we plan. 20 Let's complete the examination of 21 Mr. Ruffino. Would you swear this gentleman for the day, 22 please. 111 23 24 / / / 25 / / /

1 Whereupon, 2 DAVID RUFFINO, 3 was called as a witness by the State, and having been first duly sworn, was examined and testified as follows: 4 5 6 DIRECT EXAMINATION 7 BY MR. KANE: 8 Mr. Ruffino, on Wednesday we talked about a 9 number of items that you booked into evidence during your 10 processing of the scene at 1929 Western Avenue on November the 17th, 1998. 11 12 I want to talk to you now about one of the 13 items that you impounded that you did not bring to court. Do you recall that you and I discussed one specific item 14 and I requested that you not bring it to court with you? 15 16 Yes. 17 And what was that, sir? 18 That was glass with apparent blood-like substance on it. 19 20 And do you concur that it was better not to bring that to court? 21 Yes, I do. 22 Α 23 Why? Q First of all, it's a biohazard. Second of 24

all, because glass is sharp just for the safety of the

jury, it would just be better not to have that around. 1 2 Now, going back to the procedure that you 3 use when you impound evidence, what is a P number? Okay. A "P" number is something we're given 4 Α to identify ourselves when we're hired on the Police 5 Department. Every individual hired on, police officers, 6 7 civilian is given a P number, and P stands for personnel. 8 And that's a personnel number we are giving when we are hired on and we keep that number until we retire. 9 10 What is your P number? My P number is 1502. 11 12 So if you impound ten items of evidence at a Q 13 scene, is your P number part of what you use to identify those? 14 15 Yes. 16 And how would the sequencing work? The sequencing would start with the first 17 package and it would be, for example, 1502-1. The second 18 19 package would be 1502-2, and so on. 20 Is the package that I was discussing with 21 you a minute ago containing the glass, was that 1502-4 from 1929 Western Avenue? 22 Yes, it was. 23 24 So that even though that's not here because

we don't want anyone cutting themselves on it, if somebody

were to come in here and say, "I tested David Ruffino's package, 1502-4, they would be talking about those glass fragments with blood, correct?

A That's correct. That's the only No. 4 package I have impounded.

Q As a final matter, I want to go over latent fingerprints with you. Was part of your processing of 1929 Western Avenue an attempt to secure and recover latent fingerprints?

A Yes.

2.3

Q Would you explain to the ladies and gentlemen of the jury, first, what a latent fingerprint is.

A Okay. A latent fingerprint is a fingerprint that is unseen. In other words, if I touch this countertop and I take my hand off, chances are I've left latent prints there. You cannot see those, I can't see those.

However, if I were to process this particular counter that I just touched, it's possible that I would be able to bring up my fingerprints. Those are called latent prints or unseen until I develop it with, for example, black fingerprint powder.

If we do chemical processing, then we use other methods and usually you will not see those prints,

but upon processing a particular item, whether it's with chemicals or latent fingerprint powder, it will make them appear visible.

- Q Now, how do you recover those latents so that somebody can later look at them and compare them to someone's known fingerprints?
- A Right. General procedure is, if it happens to be processed up with black fingerprint powder on a smooth, hard surface, we'll put our tape over that particular item, latent fingerprint tape, and press it on the surface, photograph its location, lift the tape up and put it on a white latent print card.

It's at that time we document exactly where we locate it, put our initials and P number on it and sign it. And then at the end of the day when we return to our office, we put that in our latent print repository which is inside our evidence vault, until such time a latent print examiner were to retrieve that from the locked vault, and then take it into his custody.

Q Now, we've seen with other items of evidence that if they're examined by someone, they're resealed and then returned to the evidence vault and you bring them into court; is that correct?

- A That's correct.
- Q Does it work differently with fingerprints?

A Yes, it does. Once the latent prints are taken into custody by the latent print section of the Las Vegas Metropolitan Police Department, they are responsible for them. They keep them under lock and key, and they are the ones that review them, look at them, compare them, and then, ultimately, bring it into court, unless an exception were to occur that I were to go and sign it out and take responsibility for it. But there's always a record of who has the fingerprints at that time.

Q Now, in this case, did you recover latent fingerprints from one or more locations within 1929
Western Avenue?

A Yes, I did.

Q And did you book them in the way you've been talking about; that is, mounting them on a card and writing on the card the specific location where you found them?

A Yes.

Q So that if a fingerprint examiner did examine them, the normal procedure would be, he would keep those cards and he would be the one to bring them into court here and testify about them?

A Yes, sir, that is correct.

Tender the witness.

MR. KANE: Nothing further, Your Honor.

```
1
                        THE COURT: Cross-Examination?
 2
                        MR. KENNEDY: Thank you. May I
 3
     approach the witness, Your Honor?
 4
                        THE COURT: You may.
 5
 6
                         CROSS-EXAMINATION
 7
     BY MR. KENNEDY:
                   Mr. Ruffino, I'm showing you what's
 8
 9
     previously been admitted as Defendant's C. It's an
     Instant Recall Sheet. Have you ever seen one of those
10
    before?
11
12
                  No, I have not.
            Α
13
                   Are you aware that a record is made of every
     time an officer or analyst comes to a crime scene when
14
15
     they call into dispatch?
16
            Α
              Yes.
17
                   I would ask you if you could look down. Do
18
    you see a column there that say "time" on the left?
                   Uh-huh.
19
20
                   Is that yes?
               Yes.
21
           Α
22
            Q
                   And if you look down to where it says 11,
    colon, 33. Do you see that?
23
24
                   Yes.
25
                  And it says LVC1502, and there's initials AR
```

```
after that?
 1
 2
            Α
                   Yes.
 3
                   Is that your code, 1502?
            Α
                   Yes.
 5
                   Is that when you arrived at the scene you
     called dispatch and told them you were there?
 6
 7
            A
                   Yes.
 8
            Q
                   Just below that it says at 11:59 there's an
     LVCS2, and then ER, which we've been previously told is
 9
10
     en route. Do you recognize that LVCS2, who that stands
11
     for? Is that another crime scene analyst?
12
            Α
                   Yes. That's actually Allen Cabrales, which
     he actually was my supervisor at the time, he arrived at
13
     that time.
14
15
                   So he did arrive?
16
            Α
                   Yes.
17
                   And just looking at that same area, if you
18
     go down the very next reference to an officer is 1208
19
     LV2C34, and then CL, which we've been told means clear.
20
     When you arrived at the scene at 11:33, how many Metro
21.
     officers were there?
22
            Α
                   There was two Metro police officers.
23
            0
                   Do you know their names?
24
            Α
                   Offhand, no.
25
                   But two uniformed officers?
            0
```

1 Two uniformed officers, that's correct. 2 And, at least according to this exhibit, at 12:08, whoever LV2C34, looks like that officer cleared; is 3 that correct? 5 Α I'm not familiar with this sheet, but it б appears to be, yes. 7 And there's another one just below that at 8 12:09, LV2C12, also looks like that person clears as well? 9 Yes. That's what it appears to be. 10 And your supervisor, Mr. Cabrales, if you go down further, looks like he arrives at 12:09 as well; is 11 that correct? 12 13 A That's correct. 14 Now, when you got to the scene at 11:33 that 15 morning, there are two officers there and yourself, but 16 those are the only individuals there from Metro; is that 17 correct? 18 That's correct. 19 Now, you testified yesterday that shortly 20 after you got there, that -- I guess I want to find that 21 out. You said you got there, you saw the glass with the blood on it and you thought: This is not a malicious 22 23 destruction of property case, this looks like a murder

scene. You testified to that the day before yesterday?

Yes, yes. And describing all the bullets

24

25

Α

1 and the holes and everything, that's correct.

Q And when you arrived at the scene, who took you to the area of 1929? Did one of the officers escort you over there?

A Yes, they did; one of the officers.

Q So shortly after you got there, just visually, did you immediately think: Hey, this could be a murder scene, given your years of experience?

A Given my years of experience, you always thoroughly look through scenes and everything else. Of course, I went inside, I looked around, I started seeing bullets and everything else. So it wasn't until that time that I said this appears to be a murder scene.

Q I realize this is over two years ago, but can you recall how long it took you to realize that, hey, maybe this is a murder scene and not a destruction of property-type incident?

Was it a matter of just a few minutes?

A No. It was probably five or ten minutes in talking to the officer, finding out information from the officer, going in, looking around. You know, as we often do, we don't rush to anything. You don't need to make split-second decisions because it's not a matter of life and death.

But I would say five, ten, fifteen minutes

- 23

or so, and it was at that point when I contacted my 1 supervisor, Allen Cabrales, and I said that this appears 2 to be a murder scene. And it was at that time he called, 3 I believe it was Sergeant Hefner from homicide, and that's 4 5 how the whole incident got started. Did you tell the two uniformed officers 6 there that this looks like a murder scene rather than a 7 8 destruction of property case? I believe at some point I did. I don't 9 10 recall, exactly, but I believe I did. Would it have been after you had this belief ll 0 that it was a murder scene sometime after 10, 15 minutes? 12 Yes, it would have. 13 Α Do you distinctly remember telling them: 14 15 Hey, I think this is a murder scene, or something along those lines? 16 17 I don't remember exact verbiage, this is two 18 years ago. I don't remember exactly what I told them. I 19 thought that, but we don't always express when we think. 20 Do you have an understanding as to whether or not you told them that you thought it was a murder 21

scene before they left at 12:08 and 12:09?

by the time he talked to the sergeant, and by the time

they were en route and everything else, I might not have.

Probably. In talking with my supervisor and

22

23

24

Otherwise, I believe they would have stayed there. So I might not have told them at that particular point in time.

Q That's important though. If you thought it was a murder scene, you wouldn't want to be left alone on a murder site; is that fair to say?

A Well, yeah, that's fair to say. But I was still observing the scene and looking at it and in communication with my office.

Q Is there a policy with Metro that you should not be left alone at a murder scene, that there should be some sort of back-up there, whether it's an officer?

A Oh, yes, definitely. When you walk in and there's a body laying there, certainly. We have officers that stand at post at the front. Only people related to the scene such as homicide and ourselves, they let us in, and there is a strict regiment policy in place to take care of that.

However, this call was malicious destruction of private property and, slash, suspicious circumstances. So that type of policy doesn't go into place until at some point we determine this is a murder scene and have people en route regarding that.

Q According to this incident recall, your supervisor arrived around 12:09, about the same time the two officers left. Do you have a recollection of him

1	arriving at the scene?
2	A Of my supervisor, yes.
3	Q And did you talk with Mr. Cabrales about
4	what you had discovered there?
5	A Yes.
6	Q Did he stay there with you in that area?
7	A Yes. He stayed in that area, and I don't
8	remember if he had further conversation with homicide at
9	that time by telephone, but he stayed. Once he got there,
10	he stayed.
11	Q So at least for some period of time you and
12	Mr. Cabrales were there alone; is that fair to say?
13	A Yes.
14	Q Do you remember when the next Metro officer
15	or detective, or other Metro personnel arrived?
16	A I think I have it stated in my report. I
17	don't remember the exact minute. If you want me to
18	refresh my memory by looking at my report, I can do that.
19	Q If that would help you, yes.
20	A Okay. I have it listed in my report as
21	homicide detectives were contacted and they arrived a
22	short time later. So with Allen Cabrales arriving 12:09
23	or thereabouts, I would say probably within a half hour,
24	approximately, the homicide detective arrived after that.
25	Q Did you go in the back of 1929 at all to

```
take a visual of what was behind there while you were
 1
 2
     there?
 3
                    When you say in the back, do you mean behind
     the east side of the building?
 5
                    Yes.
 6
                   Outside?
 7
                   Yes.
 8
                   Yes.
 9
                   Did you do that with Mr. Cabrales, or did
10
     you do it on your own?
                   I think as far as the outside it was done at
11
     some point later because the interior rear door was
12
13
     locked, and we were concerned about keeping an eye on that
     particular scene. So I think we did that at a later time
14
     when Randy McPhail came, and then we did more of a
15
     thorough search of the outside rear of the premises.
16
17
                   Okay. And when you're on a site you don't
     wear a uniform, do you?
18
19
                   No.
20
                   You're in a suit or regular shirt?
21
                   Basically, sports shirt and slacks and ID
22
    badge. And we carry weapons, so I had my weapon on.
23
                   Do you have a Metro badge that affixes to
24
    you?
                   No. We have what they call an ID card, and
25
            Α
```

1	you either can clip it on or wear it around your neck.
2	Q The scene itself outside 1929, was there any
3	evidence of blood or blood droplets outside the entrance
4	of 1929?
5	A Yes, there was.
6	Q Was there any pattern from those droplets to
7	inside the building; in other words, a trail of droplets
8	leading into the building?
9	A I wouldn't say there was a trail of
10	droplets, but there was a couple of droplets outside. I
11	don't think I determined direction or anything at that
12	particular time, but there was a couple droplets out on
13	the sidewalk. The majority of the apparent blood was at
14	that point of entry and, of course, inside on the floor.
15	Q There was no blood leading to the back of
16	building where the door was secured; is that correct?
17	A Not that I saw.
18	Q And you looked over the whole area?
19	A Yes.
20	MR. KENNEDY: Pass the witness, Your
21	Honor.
22	THE COURT: Anything further, counsel?
23	MR. KANE: No redirect. Thank you,
24	Your Honor.
25	THE COURT: Thank you, sir Next

1	witness, please.
2	MR. FATTIG: David Welch.
3	
4	Whereupon,
5	DAVID WELCH,
6	was called as a witness by the State, and having been
7	first duly sworn, was examined and testified as follows:
8	
9	DIRECT_EXAMINATION
10	BY MR. FATTIG:
11	Q Sir, could you please state your name and
12	spell your last name for the record.
13	A My name is David Welch, W-e-1-c-h.
14	Q Sir, what is your occupation?
15	A I am employed as a criminalist or a forensic
16	chemist with the Las Vegas Metropolitan Police Department.
17	Q For how long?
18	A Approximately 23 years.
19	Q And what are the general duties and
20	responsibilities of your job?
21	A Generally, a criminalist or forensic chemist
22	with the department analyzes a variety of different pieces
23	of evidence, or physical evidence associated with crimes,
24	crime scenes, or things related to that.
25	Q Have you had any special training and/or

education in order to get that job?

A Yes, I have. I received my Bachelor of Science Degree from the University of Nevada Las Vegas where I majored in biology. I then attended graduate school at Northeastern University in Boston,

Massachusettes, where I received a Master of Science Degree in Forensic Chemistry.

Over the course of the last 23 years I've attended numerous training classes and courses in forensic science. I've also attended numerous symposiums and meetings related to forensic science.

Most recently I've been working in the DNA section of the laboratory. And over the three to four years, I've taken several specific classes related to the analysis of DNA evidence. One of those was a very intense two-week course at the FBI academy.

As I mentioned, I have 23 years working experience working in the laboratory as a practicing forensic scientist. I am also certified by the board, American Board of Criminalistics as a Generalist in Forensic Science. And I'm also certified as a Specialist in Molecular Biology.

Over the course of my career I've testified in courts in the State of Nevada over 500 times, and the District Courts over 150 times. And, specifically, with

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	4±
1	regards to DNA analysis, probably about a dozen times.
2	Q And when you've testified with regards to
3	DNA analysis, have you been recognized as an expert in
4	that?
5	A Yes, I have.
6	Q For approximately a dozen times?
7	A Yes.
8	MR. FATTIG: Your Honor, at this time
9	the State would tender Mr. Welch as an expert in the field
10	of DNA analysis.
11	MR. CHRISTIANSEN: May I question, Your
12	Honor?
1.3	THE COURT: Voir Dire? You may.
14	
15	VOIR DIRE EXAMINATION
16	BY MR. CHRISTIANSEN:
1 7	Q Good morning, Mr. Welch.
18	A Good morning.
19	Q Mr. Welch, you just told the jury you've
20	testified 500 times as an expert, correct?
21	A In various courts, yes.
22	Q You haven't testified anywhere near 500
23	times about DNA, right?
24	A I think I mentioned that I testified 12
25	times on DNA.

1	Q Twelve times on DNA in the last three years
2	that you've been working on DNA?
3	A The last actually, I've been working on
4	DNA about four to five years.
5	Q In the four to five years you've been
6	working on DNA, you've attended four classes that the
7	department paid for, for you to go to
8	A I think there's several classes there
9	listed. I would say there's aren't there seven?
10	MR. CHRISTIANSEN: May I approach,
11	Judge? I have his CV. I can't tell which are DNA classes
12	or not.
13	THE COURT: You may.
14	THE WITNESS: This is Perkin Elmer,
15	Advanced FTR, Forensic Statistic, Capillary
16	Electrophoresis, Basic Principles, PM/DQ Alpha; seven
17	classes.
18	Q Seven classes in the last four to five
19	years, correct?
20	A Yes.
21	Q And just so we're clear, these are classes
22	that you sign up for, the department pays for and you go
23	and attend, and then you put them on your CV as
24	qualifications for you to testify as an expert?
25	A I attend the classes to learn something

1	about DNA analysis and what I do for a living.
2	Q Okay. What type of DNA analysis did you
3	perform in this case, the specific tests that you did?
4	MR. FATTIG: Your Honor, I'm going to
5	object at this point. He seems to be getting into
6	cross-examination.
7	MR. CHRISTIANSEN: It is not, Judge.
8	The testing done in this case is not the newest testing.
9	I'd like to know how many times he testified as an expert
10	using this specific type of test that he's going to offer
11	expert testimony today.
12	THE COURT: Ask that question.
13	Q (By Mr. Christiansen) How many times using
14	the type of testing you did in this case back in '98 and
15	'99, have you testified as an expert?
16	A I really can't tell you for sure. I would
17	guess that of the 12 times, perhaps three or four times
18	was on this older technology.
19	Q The older technology you testified three or
20	four times as an expert in the courts in Nevada?
21	A Yes.
22	Q And you're a tech at the lab, a crime
23	analyst?
24	A Forensic chemist.
25	Q And you're supervised by Birch Henry. He's

1	the actual supervisor of your lab, correct?
2	A He's the forensic lab manager.
3 !	MR. CHRISTIANSEN: Judge, I object to
4	his offering expert testimony three times, I don't think
5	qualifies as an expert. But I'll submit it on that.
6	MR. FATTIG: Your Honor, any objection
7	would go to the weight and not for admissibility.
8	THE COURT: Well, are you asking to
9	have this man qualified as an expert?
10	MR. FATTIG: Yes.
11	THE COURT: I think it's appropriate.
12	I'm going to consider Mr. Welch an expert in his chosen
1.3	field of analyzing DNA. Proceed, please.
14	MR. FATTIG: Thank you.
15	
16	DIRECT EXAMINATION CONTINUED
17	BY MR. FATTIG:
18	Q Sir, could you please tell the jury what DNA
19	is, and explain how it might be relevant to solving a
20	crime?
21	A Okay. If I could, could I use the
22	MR. FATTIG: Your Honor, may he stand
23	up and use the diagram?
24	THE WITNESS: I think it helps with a
25	little explanation.

1 THE COURT: Do you need a marker? 2 MR. FATTIG: And just for the record, I believe the diagram has been premarked as State's Proposed 3 4 No. 33 for purposes of identification at this point. 5 THE COURT: All right. THE WITNESS: What I'll try to do very 6 briefly is tell you a little something about DNA, tell you 7 a little something about how to interpret --8 MR. CHRISTIANSEN: Judge, I'm going to 9 object to a narrative. If there's a question posed, he 10 can answer it. 11 THE COURT: What is the question here? 12 MR. FATTIG: The question was, if he 13 could explain to the jury what DNA is, and how it might be 14 relevant to solving a crime. 15 THE COURT: I'm going to allow that. 16 THE WITNESS: I believe that's what I 17 18 am trying to do. And to continue with what I was going to 19 say, so you know a little something about what DNA is, there are charts we'll be looking at. I want you to be 20 21 able to understand what the results of the DNA typing of 22 the charts mean, and also what the statistics mean, the numbers mean. And I'll try to do that in a very brief 23 24 period of time.

First of all, when we talk about DNA, it's a

compound that's found in trillions of cells in the human body. Many of the cells in the human body have a shape that sort of looks like this, and there's a center portion of the cells.

Some of these cells are found in blood. They are not the red blood cells, but they're the white blood cells. There are cells that we'll be talking about that are called buckle cells. And buckle cells are cells that are just scraped from the inside of your cheek. So when we refer to buckle cells, that's what we're talking about.

Blood stain cards contain these type of cells where we are able to get DNA from a person's blood. Other types of cells in the body that contain DNA that we won't be talking about are sperm cells, and there's a variety of other different types of cells.

The DNA that we're talking about is actually in the center portion of these cells. If we blow up that center portion of each one of these trillions of cells in your body, what you would see is that within these cells there are 23 pairs. They sort of look like an H like this, 23 pairs of things that we call chromosomes.

And the DNA that we're talking about within the nucleus of the cells are actually packaged into those 23 pairs of chromosomes.

MR. FATTIG: For the record, he's
drawing on the second piece of paper at this point.

THE COURT: That will be fine.

THE WITNESS: What I'm going to do is

blow up one of those pairs of chromosomes for you, and when we look at this blown-up chromosome, what we find out is the DNA that we're talking about is actually packaged within the pairs of these chromosomes. The DNA is stranded, double-stranded and is packaged in these chromosomes like so.

Every so often it sort of goes in a semi-straight line, and then all of a sudden it tends to ball up a lot. It goes down a little bit further, and then it tends to ball up, goes down a little bit further and tends to ball up.

The same thing with this chromosome here.

Remember, these are pairs of chromosomes. The reason
they're pairs of chromosomes, is because you get one, you
inherit one of these chromosome halves from your mother,
and one half from your father. So you are a genetic
make-up of both your mom and your dad, and you receive
half of your genetic information from your mother, and
half from your father.

Where these DNA tends to sort of ball up, we call those things, those areas of the chromosomes, genes.

And in these 23 pairs of DNA, there are approximately a hundred-thousand genes.

Now, what we do in DNA, it's called DNA typing. What we're actually doing is, we're looking at specific areas of DNA at different chromosomes, on different chromosomes. And what we're doing is, we're looking for a variation in the DNA that can distinguish one person from another person.

Just as an example, it doesn't have anything to do with DNA typing, but we all know when we talk about blood typing, we're probably all familiar with our A-B-O blood type. We know that we're either A, B, A-B or O. We're also familiar with a factor called the RH factor. We also probably know whether we're positive or negative.

Again, this is just the way of typing blood to distinguish one person from another person, and identifies you and your particular blood type.

In DNA typing that's what we're trying to do, but instead of typing antigens and antibodies which is what is done in the A-B-O system, we're looking at specific sites, specific areas of certain chromosomes where we're looking at that area, and looking at the types of DNA that is present there, and trying to distinguish one person from another person.

So the current terminology that we're using

today, if I refer to something as a point of examination,
this is the site on a chromosome that we're going to
examine. If I identify that as D7S8, what the D7 means to
me and other people that analyze DNA is, it's Chromosome
No. 7, and I'm looking at Site No. 8. So it's just the
location on the chromosome.

Another example would be D1S80. What does that mean? It means that if I'm talking to other people that do the same kind of work I do, it tells them this is the area I am looking at and examining, D1, Chromosome No. 1, Site No. 80.

We referred, or I referred to some of the technology that we'll be talking today as older technologies. In the older technology, sometimes we didn't use this terminology, we just used letter designations instead. It is a little bit more confusing, and that's why we switched over to this.

But when I talk about something called DQA1, two people that work with DNA and analyze it, we know that this is a site on Chromosome No. 6. So, again, even though it's a letter designation and it's not as clear as this, keep in mind that it's a site on a chromosome that we're just looking for variations amongst people.

LDLR, again, just an older terminology for a site that we're looking at on Chromosome No. 19.

MR. FATTIG: For the record, he's going to start drawing on the third piece of paper.

24*

THE COURT: Very good.

THE WITNESS: Now, if we look at the DNA in a little bit more detail, what we find out is that DNA is composed of only four compounds. I'm just going to write the letter designations. One is called Adenine.

One is called Guanine. One is called Thymine, and one is called Cytosine.

DNA is composed of these four compounds and they are found in pairs. So an A always matches up with a T; a G with a C; a T with an A; and a C with a G. And we would call one of these matchings one base pair.

In humans the length of this series of compounds is three billion base pairs long, because we're very complicated things. The same DNA is found in the bacteria, the same four substances, but it's only 40 base pairs long. So the length of DNA that we're looking at in one set of chromosomes is three billion of these base pairs long.

I put this up here to explain when we do DNA typing, there's two types of DNA typing that we do. One is, we are looking for what's called a sequence variation. In other words, at D7S8, Chromosome No. 7, Site No. 8, I'm looking for a variation amongst people that is a sequence

1 | variation.

And what I mean by that is, at that site,

Chromosome 7, Site 8, if I examine that site what I find

out -- and this isn't exact, this is just a representation

so you understand what's going on -- I am looking for a

sequence variation. So let's just say one sequence would

be A-G-T-C-A-G-T-C.

It's a variation in a sequence of these letters. At that same site I may observe another sequence, and that sequence may be A-A-G-G-T-T-T.

The point I'm trying to make is, can you see that there's a difference between the sequence here?

There may be another sequence that may be G-G-G-G-G-G-T.

The point is, it's a difference in the sequence. We observe that, and for typing purposes what we do is, we just like to number or letter these things.

So sometimes if there's a sequence variation we may call this A, and we might call this one B, or we may call this one C. It's just an easy, shorthand method for describing there's a variation in the sequence, and this is what it is.

Instead of using letter designations, sometimes we can use number designations. So we could also call this 1, 2 or 3. It's up to us, or up to the people who discover these differences. Or I could call it

another sequence, another number variation, but it might be 4.1, 4.2 or 4.3.

In other words, it's just a way, these letters and numbers are just a way to describe that there's a variation and they're similar.

The other type of DNA typing we do is, we look at a particular site like D1S80. So on Chromosome No. 1, Site 80 we see differences in the DNA, but it isn't a sequence variation. It's what we call a length variation.

On D1S80, what we observe is that there is a series of DNA letters; A-G-T-C that repeat themselves. So instead of seeing a sequence variation, what we see at D1S80 is a repeating of these four bases over and over again. So what we see is, there's A-G-T-C, A-G-T-C, A-G-T-C, and so on and so forth.

For example, at D1S80, what we observe is that in humans there is a length variation of these what I call box cars from 14 to 41. So if I type your blood at D1S80, you are going to be a number 14, 15, 16, 17, 18, up to a possible 41.

So what I'm saying is, the variances there we call -- you're either a No. 14 through 41. And it's just a way to identify that type. So an example of this type, one person may be a 14, 41. One person may be a 25,

28. Another person may be a 14, 36. Think of it, it's just the type. It's just an identification of the DNA at a certain site.

MR. FATTIG: For the record, he's moving on to a fourth piece of paper.

THE WITNESS: My last piece.

Now, the thing I want you to also understand is, remember, we're talking about chromosome pairs. So when we talk about the DNA types, remember, you're getting one of those types from your mom, and one from your dad.

So oftentimes when you see the typing results on the DNA chart, you'll see one or two letters or numbers. So if you see something that is a 25, 26 in D1S80, what that means is, that in your mom's half of the chromosome there are 25 repeat units. In your dad's part of the chromosome there were 26 repeat units.

On another site you might see numbers like 4.1, 4.1. Again, you see two numbers. What that means is, that this is a sequence variation. And what it is, is that in your mom it was a sequence we call 4.2, and in your dad there was sequence called 4.2.

It could also could be 4.1, 2. So there's a difference in the variation. On the charts, just for sake of convenience, sometimes you see one letter. And this is what I want to explain to you. You just see A-B. Our

thought at the time was, it just made more sense to put B.

But what B really represents is B-B.

So, in other words, instead of writing B-B, meaning you were a B from your mom and a B from your dad, we just put B. But understand, that's what it means. If you see a B, C, obviously, you inherit one B from your mom and a C from your dad.

Now, the numbers, what do the numbers mean?
We're going to be looking at some numbers. You know,
again, using A-B-O as an example, that in the A-B-O system
there's a population breakdown, meaning that approximately
45 percent of the population are Type O; 40 percent are
Type A; ten percent are Type B; five percent are Type A-B.

So when we talk about these numbers what we're doing is, we're breaking down the population and we're coming up with a probability. What is the probability of this person having this DNA type?

Now, going back to the A-B-O system, since most people can relate to that, if I were to tell you, if we were to pick a person and we were to type them in the A-B-O system and find out that they were Type B, Type B is about ten percent of the population.

What does mean? That means that if you randomly looked at people, one out of ten people you would find would be Type B. That's the probability of finding a

1 Type B person.

Let's make it a little bit more specific.

Instead, let's do the RH factor and we find out that the person is a B negative. Well, when it comes to the RH factor, 90 percent of the population are positive, ten percent, approximately, are negative.

So what is the probability of finding a B negative person if you analyzed their blood? Well, first of all, a B is in ten percent of the population. A negative is ten percent of ten percent. So that means that one percent of the population, or one in a hundred would have B negative blood.

So that means if you were to randomly blood-type people one out of a hundred people, it's probable we'll have B negative type blood. So I think that's a pretty sufficient explanation. I hope you understand.

Q Can DNA analysis be used to exclude suspects in a criminal case?

A Yes. In fact, generally speaking, most of the terminology we use in our laboratory is the exclusion of suspects. Because it's our feeling that our main goal is to analyze the physical evidence, or relay the facts what are the results, but also to exonerate innocent people. We certainly don't want to put innocent people in

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1	jail.
2	Q Now, can it also be used to help identify
3	suspects?
4	A Yes. It could also be used to identify
5	suspects
б	Q And in your reports I see the words
7	exclusion or inclusion.
8	A Yes.
9	Q Or included and excluded. Could you explain
LO	what that means?
Ll	A Well, basically, if we type a piece of
L2	physical evidence, some physical evidence found at a crime
L3 '	scene like blood, and then the detectives generate a
L4	suspect). And the question is, is this blood from the
L5	suspect? When we do the DNA typing results, we do DNA
L,6	typing on the blood from the scene and the standard from
17	the suspect.
L8 i	How we word our reports if there is a match
L9	is, we say we can't exclude that person. What we're
20	hoping to do is exclude the person that he doesn't match.
21.	But if we cannot exclude him, our terminology is, this
22	person cannot be excluded as a source of the blood.
23	Q In this particular case did you, in fact,
3.4	receive evidence and conduct DNA analysis upon it?

Yes, I did.

1	MR. FATTIG: May I approach the
2	witness, Your Honor?
3	THE COURT: You may.
4	Q (By Mr. Fattig) Showing you what has been
5	marked as Proposed No. 26, do you recognize that?
6	A Yes, I do.
7	Q And how do you recognize it?
8	A I recognize it because of my seal, evidence
9	seal appears at the bottom of the envelope with my
10	initials, P number, and date I completed the analysis, and
11	my signature appears below the chain of custody with the
12	same date.
L3	Q And is this one piece of evidence that you
L4	examined in this particular case?
15	A This is one piece of evidence that I
L6	examined, that's correct.
17	Q In examining the evidence in this case, I
18	take it you examined several different pieces of evidence?
L9	A Yes. From case to case we could examine
0 0	just a few pieces of evidence, or 40 or 50 pieces of
21	evidence.
22	Q Okay. In this particular case you obtained
23	this from the evidence lab, evidence vault?
24	A We generally obtain it from the evidence
25	vault

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All of the pieces of evidence that you
1
     obtained in this case, were they in a sealed condition
     when you obtained them?
                   Yes, they were.
5
                   And did you, in fact, enter them
     via -- which has been explained earlier -- another point
 6
7
    besides the seal that's already on there?
                   Yes, uh-huh.
8
            Α
                   Then you sign it and document that?
9
10
                   Yes.
                   And all the pieces of evidence?
11
                   Yes.
12
                   In conjunction with the testing that you
13
     did, did you, in fact, produce two different reports?
14
                   Yes, I did.
15
            Α
                   With your findings?
16
                   Yes, I did.
17
            Α
                        MR. FATTIG: May I approach the witness
18
1.9
     again, Your Honor?
20
                        THE COURT: You may.
                   (By Mr. Fattig) Sir, showing you what has
21
    been marked as Proposed No. 34, do you recognize that?
22
                   Yes. That is a copy that's been blown up of
23
            Α
     parts of my report.
24
                   Parts of your report?
25
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		· · · · · · · · · · · · · · · · · · ·
1	A	Parts of my report.
2	Q	And I see there's some writing on there.
3	Where did that	come from?
4	A	The writing at the bottom of this particular
5	chart was plac	ded on there by myself prior to my testimony.
6	Q	And does that accurately reflect portions of
7	your two repor	rts, the findings?
8	A	Yes, it does.
9	Q	And how about State's Proposed No. 35, do
10	you recognize	this chart?
11	А	Yes. This chart is copies of parts of my
12	report.	
13	Q	And, again, is this an accurate reflection
14	of the finding	gs?
15	A	Yes, it is.
1.6	Q	That you reached in this case?
17	A	Yes.
18		MR. FATTIG: Move to admit 34 and 35,
19	Your Honor.	
20		MR. CHRISTIANSEN: No objection.
21		THE COURT: Are the original reports in
22	evidence?	
23		MR. FATTIG: No; just these portions.
24		THE COURT: These items will be
25	received. Tha	ink you.

1	MR. FATTIG: May I have the witness
2	come down from the stand, Your Honor?
3	THE COURT: Yes.
4	Q (By Mr. Fattig) Why don't we look at
5	No. 34 first. What is a reference standard?
6	A A reference standard is a standard that we
7	receive as requested from either the suspects or victims
8	in a particular case.
9	Q And what do we have in this particular case?
10	Did you have reference standards?
11	A Yes. In this particular case we have three
12	reference standards. Once of the reference standards is a
13	buckle swab. Again, a swab is taken from the inside of
14	the cheek of a particular person, in this case from John
15	J. Seka.
16	One of the other reference standards was a
17	standard that was a rib bone and muscle tissue taken from
18	a victim, Peter Limanni. So at the autopsy they took a
19	rib and muscle tissue. It's sometimes the case that not
20	enough blood is present to do DNA testing on the blood,
21	and in that case we use a rib or muscle tissue.
22	And the third reference standard is a blood
23	stain from a victim, Eric Hamilton.
24	Q And did you conduct DNA analysis on the DNA

kit from Mr. Limanni, blood stained card from

1	Mr. Hamilton, and the buckle swab from Mr. Seka?
2	A Yes, we did.
3	Q And did you reach some results based on
4	that?
5	A Yes.
6	Q Does the chart show that?
7	A This is what the chart shows.
8	Q Could you explain that, the results?
9	A Yes. What I think the Prosecution was
10	trying to do was combine
11	MR. CHRISTIANSEN: Objection. The
12	witness is speculating what the Prosecution was wanting to
13	do. It's improper.
14	THE COURT: Mr. Fattig, response?
15	MR. FATTIG: No response, Your Honor.
16	THE WITNESS: This is the results of my
17	analysis on reports that I have generated. Per my
18	explanation, I did DNA typing on the reference standard
19	from Seka, Limanni and Hamilton.
20	This is called the DNA chart. This is a
21	summary of the results with probabilities. And what you
22	can see here is that Mr. Seka's blood in DNA terminology,
23	L-D-R-L-R. Again, it's a site on a particular chromosome.
24	At that chromosome site he was found to be what we call a
25	Type B. And, again, the single B actually refers to B-B,

1 | meaning both his mom and dad had a B.

7

In G-Y-P-A, A-B. In H-B-G-G, A. I won't go through the rest of them, but you can see if you look at it that this is a composite. This is what we call his DNA type at eight different cites that we typed. One thing we also do is, we try to type the standard to determine whether it's male or female. So this is male. Obviously, Mr. Seka is a male.

If we look at Mr. Limanni's, again, this is his DNA type. The thing that I would point out to you -- again, all three of these are males. The thing I would point out to you is, if you would look at those one next to the other, you can see that they're different.

If you look at DQA1, we see that Mr. Seka is what we call a 1.33. Mr. Limanni is a 1.2. Mr. Hamilton is 1.4, 1.4. So just at that site we can separate those three bloods.

If you continue to focus and look at the different other sites here, for example, D1S80, Mr. Seka is a 24, 27; Mr. Limanni is 18, 25; Mr. Hamilton, 25, 31. If you look at the rest of those sites you can see that we can easily distinguish one person's blood or DNA from another.

So these are reference standards of suspect and victims where we did the DNA type. And, again, as I

was describing the probabilities like the B negative aspect, these numbers here represent what is the probability of finding this particular blood or DNA type in a random population.

1.0

So if you have a random population and you were to do DNA typing on those random people, what you would find out is that in the Caucasian population, in a white population, the probability of finding somebody with this blood type or this DNA type, excuse me, are one in 1.9 million. So you would have to test 1.9 million people in order to find one person that has this DNA type.

Now, the probabilities vary by race. So if you were looking at an African American population, it's rare to find that DNA type. You would have to check 84 million people in order to find one person with that DNA type. In the Hispanic population you would have to examine 17 million people.

So, again, those numbers are just probabilities. What is the probability that you are going to find a person with this blood type in the general population? That's Mr. Seka.

In the case of Mr. Limanni, you can see there are numbers but they vary because it's a different person, and the probabilities are different. Just like we discussed the B negative person, what is the probability

of finding somebody that's A-B positive? It's a different type, different set of numbers associated with it.

And, again, Mr. Hamilton, you can see that there are numbers. His DNA type is different than the other two, and there are numbers associated with the probabilities of finding those types.

Q And showing you Exhibit 35, what do we see on this Exhibit?

A Well, what we see is the typing results of various pieces of evidence that were examined in this particular case by me.

Q Let's start with the top there. We have "booked by." Would that be Mr. McPhail, the crime scene analyst?

A Yes, that would be.

Q And under there we have a package?

A Yes. To identify the evidence that was examined in a little bit more detail, we try to put down who booked the evidence, what the package number was, what the item number was, and a short description of the item itself. So, yeah, this is a swab with blood booked by Mr. McPhail under that package number, and that was the item number. This was the results of the analysis.

Q Okay. And this is Item No. 4 from Mr. McPhail?

1	A Right.
2	Q Which was from the 1998 Dodge van?
3	MR. CHRISTIANSEN: Your Honor, may I
4	approach to see better?
5	THE COURT: Yes, you may.
6	Q (By Mr. Fattig) Could you get into your
7	conclusions regarding this first piece of evidence booked
8	by Mr. McPhail from the Dodge van?
9	A Again, the middle portion of the chart or
10	the typing results, and then the side portion of the chart
11	has the conclusion. So the conclusion was, Mr. McPhail
12	called it apparent blood. It was determined that it was
13	human blood.
14	Q You conducted the test?
15	A I conducted the test to determine it was
1,6	human blood. The next part of the conclusion says who is
17	included as a source of the human blood. Well, Mr. Peter
18	Limanni. So what that means is, if you look it means that
19	he can't be excluded. In other words, this DNA type is
20	the same as Mr. Limanni. And if you look over here and
21	you look at the first one, you will see a B, B, A, A, A,
22	A, 1.2, 18, 25.
23	In this particular case, there was an NR put
24	up there. What that means is no results. Sometimes in

the DNA typing there are things that we encounter that

prohibit us from doing the typing. In other words, remember, these are not pristine samples. These are samples that are found at crime scenes.

There are things that can be found on clothes like dyes that sometimes interfere with the DNA testing. There are chemicals that are used on rugs that may interfere with the DNA testing. So sometimes we hope we get all the DNA results, but sometimes that just doesn't happen.

In this case, there was some kind of reaction where I did not get a result as far as whether the DNA was male or female. So in those cases we just put an NR there, meaning no results were obtained.

Q Does that affect your ability to make a probability?

A No. The antigen is not taken into account as far as the probability. It's just additional information that says whether the blood was male or female, but it's not taken into these numbers at all.

Q And what was the probability on that first piece of evidence that it was Peter Limanni's blood, if I were to tell you Peter Limanni was a Caucasian man?

A Then the probabilities are one in 1.8 million, meaning that you would have to test 1.8 million people in order to find one person with that DNA type, and

1	the DNA matches Mr. Limanni.
2	Q Let's go on to the second piece of evidence
3	here which is listed as glass fragments with apparent
4	blood booked by Crime Scene Analyst Ruffino, Item No. 9
5	which he actually testified about.
6	What were your results on that test?
7	A Well, again, on the glass fragments we
8	generated the DNA type with probabilities. It was human
9	blood, and the included source is Eric Hamilton, which if
10	we look over here at Eric Hamilton's and I apologize
11	for having to write this in, but I hope you can see that
12	all the DNA types match Mr. Hamilton's, so the type is the
13	same.
14	Q And with regards to Mr. Hamilton, if I were
15	to tell you that Mr. Hamilton is an African American male,
1,6	what was the probability that that was his blood?
1 7	A If he was an African American male, then the
18	probability is one in 2.8 million, meaning you would have
1.9	to sample 2.8 million people to find one person that has
20	this type.
21	Q Would you have to sample 2.8 million African
22	Americans?
23	A Yes. If you want to talk specifically about
24	African Americans right

And let's move on to the third item on the

1 chart, which is just listed as magnetic cards with apparent blood, again, booked by Mr. McPhail, Item No. 14 2 3 which is from --MR. CHRISTIANSEN: Objection, Your 4 5 Honor. May we approach, briefly? THE COURT: You may. 6 (Whereupon, counsel conferred with the Court.) 7 8 THE COURT: Proceed, counsel. Q (By Mr. Fattig) And, sir, on the third 9 piece of evidence that you tested, Item 14 which is the 10 11 magnetic cards that I was talking about, what were your 12 results based on testing of that? 13 Well, the magnetic cards, again, it was human blood. The included source is Peter Limanni. So if 14 you look at Peter Limanni, you look at the results of the 15 16 typing there and the typing here, and they're the same. And, again, Mr. Limanni is a Caucasian and one in 1.8 17 18 million people have that typing. 19 And how about the fourth piece of evidence? 20 Looks like Mr. McPhail, Package 14, Item 37. Again, what were your conclusions on that one? 21 Α 22 On this particular swab it was human blood, the included source is John Seka. Now, on this particular 23 24 swab you can see or focus in on the numbers, and you can

25

see that they're different.

The reason that the numbers are different on this particular swab, there was -- when I do not put any results in the block, what that indicates is that it was a small amount of blood there. I was not able -- I was only able to do a certain amount of DNA typing, and then the blood simply ran out so I couldn't do anymore.

So in this particular swab item, I was able

So in this particular swab item, I was able to type the DNA in these six areas, but I was not able to do DIS80 or antigen. So, again, because I didn't examine, I wasn't able to do as much DNA typing as I had on the reference standards, well, the probability is lower now. The less types I do, the lower the number.

So in this case, the number I came up with for Mr. Seka on this particular source, John Seka was one in 17,200.

Q So the fact that you were unable to a conduct those particular tests affected the probability that you were able to reach in the end?

A I couldn't. The more testing do you, the more probably it is that you can identify the blood. If the blood runs out, that's it. You just have what you have.

Q And that was blood that was found inside of 1933 Western on the wall?

A I don't know where it was found,

Q There will be later testimony on that. The last item there looks like a swab with apparent blood booked by Mr. Reed, crime scene analyst.

A Mr. Reed. And, again, same thing, blood sample identified as human blood. The included source is Eric Hamilton. If you look at the DNA types in the standard and compare it to that swab, you see that they are the same. Again, the probability of finding that type -- Mr. Hamilton is an African American?

Q Yes.

A Would be one in 2.8 million.

Q And you were able to -- I see on the chart you have excluded and included?

A Right. We also exclude people. In other words, the included source would be a possible suspect whose blood this could be. Excluded means that we have excluded those people from being possible donors.

Just like if we were to find Type A blood at a crime scene and you're a Type B person, then you're excluded as a source. You couldn't have deposited that blood because you're a different blood type. So excluded sources are people that we can exclude and say they cannot be the donor of this blood.

Q And I see on this last piece of evidence you have excluded source John Joseph Seka?

1	A Y	es.
2	QT	hat can't be John Seka's blood in this
3	particular case	that was found in the back of the 1998
4	Toyota pickup?	
5	A N	o, it could not be.
6	0 0	ould it be Peter Limanni's blood?
7	A T	he excluded source no, it couldn't be
8	Peter Limanni's	blood either.
9	Q A	nd you don't have Peter Limanni on there as
10	an excluded sou	rce, and could you explain that?
11	A T	he reason for that is, is that the evidence
12	sort of trickle	d into the laboratory. We process evidence
13	when we get a r	equest from a detective. In this
14	particular case	, Detective Thowsen submitted a request
15	sometime Decemb	er and wanted us to look at certain pieces
16	of evidence.	
17	A	month or two later more evidence was
18	generated, or m	ore evidence was deemed to be important in
19	this case, and	a second request was sent through saying:
20	Would you now e	xamine this evidence.
21	, S	o at that time when this chart was
22	generated we di	dn't have Mr. Limanni's blood standard, so
23	that's why it do	oesn't appear on this particular chart.
24	Q Br	ut you were able to compare, it to the

reference standard, the known sample of Mr. Limanni?

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1
            Α
                    Yeah. If we were to just look at the
 2
     standard here of the last one, just look at one number in
 3
     particular, this is a 1.1, 4.1. Mr. Limanni is a 1.2, so
 4
     that can't be his blood.
 5
                   And, again, we can do the same thing with
 6
     the fourth item of evidence, you have excluded source,
 7
     Mr. Eric Hamilton?
 8
            A
                   Right.
 9
                   Can you say that also Peter Limanni can be
            Q
     an excluded source of the blood found on the wall?
10
11
            Α
                   1.33, Mr. Limanni a 1.2. So, again, he can
12
     be excluded. If you were to look at the types you could
13
     see that he would be excluded.
14
                   And you can say that to an absolute
15
     certainty?
16
            Α
                   Yes.
17
            0
                   It's just the included part is when we have
18
     the ratios?
19
            Α
                   Right.
20
                   And, again, the second piece of evidence,
21
     the glass fragments with apparent blood which was located
22
     inside of 1929 Western, you have excluded source, John
     J. Seka. Can we also exclude Peter Limanni from that?
23
24
                   Again, the type here if we just focus in on
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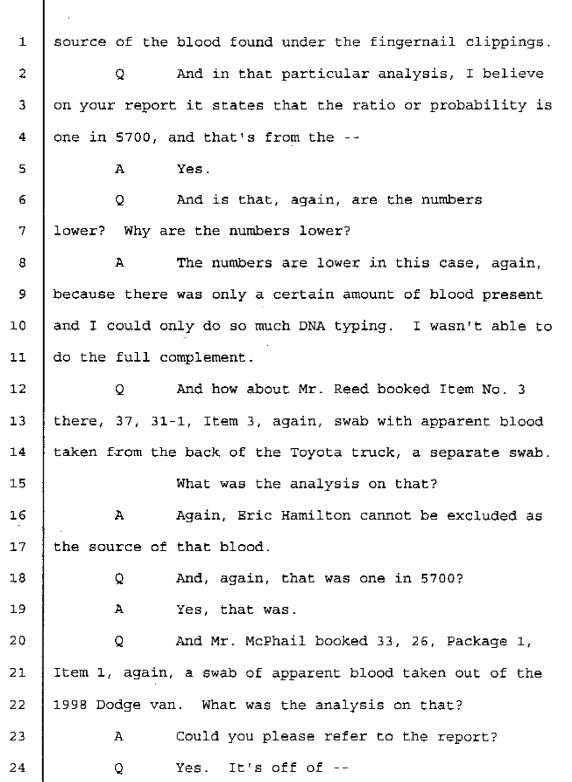
the DQ81, this type is a 1.1 and 4.1. Mr. Limanni is a

	ļ :	
1	1.2, so it ca	n't be his blood.
2	Q	To an absolute certainty?
3	A	Yes.
4	Q	If you could take your seat back. At this
5	point I'm goi	ng to ask you, do you have a copy of your
6	reports there	?
7	A	Yes. I do have copies of my reports.
8	Q	Did you test some other items in this case
9	that we haven	't talked about yet?
10	A	Yes, I did.
11	Q	Referring to an item that's listed on your
12	report as swa	b with blood booked by Mr. Reed, 37, 31,
13	Package 1, It	em 2, could you find that?
14	A	Yes, I can.
15		MR. CHRISTIANSEN: What's the date of
16	the report?	
L 7		MR. FATTIG: The date of the report is
18	December 28th	of '98 excuse me, December 18th, '98.
19		THE WITNESS: Yes.
20	Q	(By Mr. Fattig) What were the results of
21	that particul	ar
22	A	In summary, that swab with blood turned out
23	to be human b	lood, and Eric Hamilton could not be excluded
24	as the source	of the blood.

And you were able to exclude Mr. Limanni and

```
Mr. Seka?
 1
 2
            Α
                    Yes.
 3
            Q
                   And what was the ratio on that particular
     piece of evidence?
 5
            Α
                    The ratio? The probability?
 6
                   The probability.
 7
                    It would be the same as the -- well, excuse
          Mr. Hamilton is the African American?
 8
 9
            Q
                   Yes.
10
                   One in 2.8 million.
11
                   You had occasion to test some hairs with
     blood. Again, that's off of the report, that same report,
12
     I believe, booked by Mr. McPhail, Item No. 6, 33, 26-5,
13
     hairs with blood.
14
15
                   Yes. I see that.
16
                   And those were hairs that were found
     underneath Mr. Hamilton's finger. What was your analysis
17
     on that?
18
19
                   That Mr. Hamilton can't be excluded as the
            Α
20
     source of the hair.
21
                   And, again, is that one in 2.8 million?
22
            Α
                   Yes. The numbers are consistently the same.
23
                   And how about fingernail clippings with
    blood, again taken from Mr. Hamilton?
24
                   Eric Hamilton cannot be excluded as the
25
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and the second s



Is that the same report, or a separate

	70
1	report?
2	Q It is a separate report. That is the second
3	report you generated on February 8th of 1999.
4	A Okay.
5	Q And referring to Item 1, Package 1 from
6	Mr. McPhail.
7	A Item 1, Package 1. Okay, I see that.
8	Q Swab with apparent blood?
9	A Yes. The results are Peter Limanni cannot
10	be excluded as a source of that blood.
11	Q That was from the back of the Dodge van.
12	What was the ratio or findings on that in terms of the
1.3	numbers?
14	A One in Mr. Limanni is Caucasian, one in
15	35,500.
16	Q And you also had occasion, again, referring
17	to that same report on the next page, Mr. McPhail booked
1.8	Package 14, Item 40, again, a swab of apparent blood off
L9	of a sink counter inside 1933 Western.
20	What were the findings on that one?
21	A That John Seka cannot be excluded as a
22	source of that blood.
23	Q And since Mr. Seka is Caucasian, that would
24	be one in 1.9 million?

25

Α

Yes.

1 And you also had occasion to, again, right below that Mr. McPhail booked some blue jeans with 2 3 apparent blood found inside of 1933 Western. 4 What was the conclusion on that one? That would be Item 33, Package 11. 5 6 On the blue jeans, John Seka cannot be excluded as the source of the blood on the blue jeans. 8 And that would be one in 17,200 on that 9 particular test? 10 Α Yes. 11 0 Did you also have occasion to test a piece of fabric that was submitted and it was described as a 12 13 stained piece of fabric? 14 Yes. 15 What was the test on that that you did? Testing on the fabric, I described it as 16 17 having reddish/brownish stains. The tests were negative 18 for the presence of blood, so they were brown stains but they weren't blood. 19 20 0 And did you also have occasion to conduct 21 DNA analysis on two Marlboro cigarette butts that were recovered by Vince Roberts near the body of where Eric 22 23 Hamilton was found? 24 A Yes, I did.

And what were the results of that?

1	A No typing, DNA typing results were obtained
2	on the cigarette butts.
3	Q And why is that?
4	A Sometimes on cigarettes butts we can get DNA
5	types because, as I mentioned, DNA can be obtained from
6	all the cells in your body, including the cells in your
7	mouth.
8	Generally speaking, if a person has wet lips
9	and smokes the entire cigarette and the filter would be
r0	wet, the chances are very good that we could get a DNA
LI	type off of that. If a person just takes one drag of the
L2	cigarette and puts it down and didn't smoke much of it and
L3	his lips were dry, or her lips were dry, the chances are
L4	we couldn't get DNA typing results.
L 5	And in this case I can't tell you why we
L6 ,	didn't. There could be other reasons, we just didn't get
۲7	any type of results off the cigarette butts.
L8	Q And to the best of your knowledge, have we
و.	now covered all the items that you conducted tests on?
20	A I believe so.
21	Q And who decided which items for you to
22	conduct tests on?
23	A It's generally decided by the investigating
4	officer in charge. In this case it was Tommy Thomson

Oftentimes, the detective will call the DNA laboratory and

	· ·
1	we will discuss what items collectively we think are
2	important to examine.
3	But generally, the detective will then
4	submit a request to the laboratory stating: I would like
5	to have these items examined, and that's what happened in
6	this case. And as I mentioned, after the initial analysis
7	was completed a few weeks later, it was decided that more
8	evidence was to be examined, and that's why there's a
9	supplemental report and things are a little confusing.
10	MR. KANE: Nothing further, Your Honor.
ļl	THE COURT: Cross-examination?
12	
13	CROSS-EXAMINATION
14	BY MR. CHRISTIANSEN:
15	Q Good morning, Mr. Welch.
16	A Good morning.
17	Q I have some follow-up questions for you.
18	Now, these reports that Mr. Fattig had you look at today,
19	those were reports prepared in anticipation of trial,
20	correct; these blow-ups?
21	A The blow-ups were, yes.
22	Q And these blow-ups are portions of the
23	reports that you've been referring to; one is December
2 4	18th, 1998, and one is, I think, February of 1999; is that

25

accurate?

1	A February 8th of '99, that's correct.		
2	Q So who prepared these reports? Who decided:		
3	Hey, I'm going to take this particular result out of one		
4	of the two reports and put it on a blow-up so we can show		
5	the jury?		
6	A The District Attorney.		
7	Q And would it be fair to say that those are		
8	the portions of the report that, to the extent possible,		
9	summarise the State's evidence as best as possible?		
10	A I would say so.		
11	Q They didn't blow up both reports that you		
12	made in their entirety and have you come in and show the		
13	jury all the times that you couldn't find DNA, like on the		
14	cigarette butts. That's not on either one of the two		
1.5	blow-ups?		
16	A Well, on our reports if it's a negative, we		
17	don't create a DNA chart. We simply say the results were		
18	negative. So we would never put a negative result in a		
19	chart form.		
20	Q You would never put something that		
21	exonerated or didn't help the State on a chart that you		
22	were going to testify for the State in front of a jury on?		
23	A No. We don't put negative results on a		
24	chart.		

Now, you talked about -- and I questioned

25

Q

you briefly about your education. 1 Α 2 Yes. 3 You graduated from Northeastern University in 1976, or 1984? 4 5 I left Northeastern to start working with 6 Metro. And at that time, having a job was more important 7 than continuing my education. But I was given the 8 opportunity in 1984 to go back to Northeastern and 9 complete my Master's Degree, which I did. 10 So you went to school in '75 and '76 at 11 Northwestern? 12 Α Northeastern. 13 Took a break to start working, and then went Q 14 back in '84 and completed? 15 Α Correct. In 1984, what type of DNA testing was done? 16 17 In 1984, research type of DNA testing was 18 done. I was not involved with DNA testing at all. 19 In 1984, guys like you weren't coming into Q court and saying: Hey, this DNA stuff works to numbers in 20 21 excess of millions to exclude people? 22 Α No, we were not. 23 And so you had no formal -- when I say formal, I mean college setting education on DNA typing, 24

testing or expert testimony such as you're doing today?

	· ·			
1	A On DNA typing and testing, no. On DNA in			
2	general, yes.			
3	Q Now, that changed, if I count seven classes			
4	you've been to in 1996, when you started going to these			
5	classes for DNA analysis, correct?			
6	A Correct.			
7	Q And that would be about five years ago?			
8	A Yes.			
9	Q Now, five years ago there was a prevalent			
10	type of DNA testing that was done, and what was that			
11	called?			
12	A I am not sure. Are you trying to ask about			
13	RFLP?			
14	Q Yes.			
15	A Okay. I refer to this technology as an			
16	older technology, and it's more specifically what we call			
17	an older PCR technology. There was a DNA technology that			
18	was around before this, because the technology changes			
19	very rapidly. Every couple of years what was deemed state			
20	of the art becomes obsolete.			
21	And what you're referring to is, there was a			
22	technology called RFLP. Is that what you're referring to?			
23	It was predated PCR technology, and was the original old			
24	DNA technology that people first started working with			

Was this RFLP testing, or was this PCR

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1	testing?		
2	A	This was PCR testing.	
3	Q	And what type of testing do you do today at	
4	your lab?		
5	A	PCR testing.	
6	Q	Is it a new type of PCR testing?	
7	A	Yes. It's a more advanced type of PCR	
8	testing than	what we were doing in 1998.	
9	Q	I understand science moves quickly and	
١٥	you're oftent	imes called upon to testify for now three	
L1	years, two-an	d-a-half years out from when you performed	
1.2	most of these	tests?	
L3	A	Yes.	
L4	Q	Nobody ever called you up and said: Hey,	
L5	Mr. Welch, why don't you test those cigarette butts under		
L6	the new PCR to	esting, the most sophisticated we have as of	
L7	today at the	time of trial?	
L8		You were never called upon to do anything	
.9	after Februar	y of 1999, correct?	
20	A	That's correct.	
21	Q .	And you understand during this trial, my	
22	client is on	trial for his life?	
23	A	Yes. I understand that.	
24	Q	And you told the jury one of the most	
5	important this	ngs for you to do when you get blood samples	

1 is to exclude people, right? 2 Α That's what we believe. Q 3 And if that's what you believe was the 4 policy, wouldn't it then have been important to use the 5 most advanced DNA testing possible on the things that you 6 couldn't get results on, such as cigarette butts and other items that you testified to here today? 8 I think to answer your question is, if we 9 were requested to go back and take a second look at items 10 and see if it was possible be to get further DNA typing, we would certainly do that. 11 And that leads me to the issue of, you do 12 Q 13 these tests in a vacuum, right? Somebody says: Test this 14 and see what you can find? 15 Α If I could just follow up. I don't make the decisions on whether things are tested or not, just to 16 17 make that clear. 18 I think the jury understands you get a request form where Detective Thowsen has written out in 19 20 handwriting: Dear, Mr. Welch, please do A, B and C. 21

- Correct. Α
- And then you do A, B and C, correct?
- 23 Correct.

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24

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Now, if you were given, for example, to use one of your charts, if you were given some evidence such

as the first one on here, Item No. 1 which Mr. Fattig told
you was a sample taken from the back of a van.

- A Yes, okay. Yes, I see it.
- Q And you proceed under the presumption that this item is what the officer that's taking it into evidence, or the crime scene analyst has listed it as, correct?
 - A Yes.

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- Q The theory is, you have to presume that everything that you get is being properly identified, correct?
 - A I assume that, yes.
- Q And it's properly marked so that you don't come in here and say that this source which is identified as blood of Peter Limanni, say, came from the back of a truck instead of the back of a van.
 - A I don't know.
- Q It's like the theory, garbage in, garbage out. If you got bad information, you're going to give bad results, correct?
 - A Well, basically, I analyze the substances that come into the lab, and I assume that they are marked correctly and I am typing that evidence. Where that evidence really came from, I really have no idea.
- Q Tell me about the actual process of DNA

typing. You've talked to the people in the jury about these numbers, population numbers, one in 1.3 million, one in 50,000, whatever the numbers were. Do you make those numbers up? Where do you get the numbers?

1.8

A The numbers there are population databases on all of the variants, variations, various types of the DNA that are published.

We also have our own Nevada database, which is the database that we use. So just as in the example I gave about B-type individuals, it's known that you will find B-type individuals in approximately ten percent of the population.

There are databases that we can go to to look at what is the probability of finding a type like, say, LDLR, that one that you were using an example of. In other words, I can go to a database, a Nevada database, go to LDLR, look up a B, and it tells me there's a number there associated with that.

Q And that is not information that you've compiled, correct?

A Well, it's information that our laboratory has compiled, and a population geneticist has verified that it's accurate.

Q I'll ask the question again. That's not information you, yourself, David Welch has --

1 I compiled part of the database. 2 on part of the database. Q Are you a population -- what did you call 3 it? 4 5 Α I am not a population geneticist. 6 So you're relying, to an extent, upon 7 somebody else saying this is accurate; is that correct? 8 Α Right. 9 In terms of the population databases? 0 10 Α I am depending on him to know what he's doing, yes. 11 12 Q And that's the same, is it not, for these 13 DNA numbers that you get? If you use one of your examples 14 where you go and say it's one in 18 million, or one in 1.5 15 million, that database that says that is the frequency of this particular genetic structure, is something you 16 17 presume the person that put that database together did 18 correctly, correct? 19 Well, that's correct. And as I said, we use Α as a basis of our statistics a Nevada database. But we 20 21 also have compared that to other state databases and a 22 national database, and everything coincides. 23 Back when you had done these tests in 24 December of '98 and February of '99, you've been to six

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classes on DNA, correct?

A Yes.

Q And your CV or your resume, for layman's terms, lists you as an expert in controlled substances, trace evidence, toxicology, serology, blood alcohol, breath alcohol, arson, crime scene investigations, clandestine laboratory response team, and DNA, right?

A That's right.

Q You're an expert in all those areas?

A Yes.

Q And in all those areas you were called upon to come in and give expert opinions which is used by the State in these ten different areas of expertise?

A That's correct. Perhaps I could clarify that a little. You have to remember I've been in the field for 23 years. We tend to work in one area for a segment of our career.

I'm currently, and for the last five years have been working in DNA. But prior to DNA I spent a number of years working with controlled substance. I analyzed controlled substance and testified on controlled substances. I spent a part of my career doing arson cases.

So when you look at my expertise, you're looking at my expertise over a period of 23 years. And at various times through my career, I was working in

	!
1	different areas of the laboratory.
2	Q Fair enough. I want to talk to you about
3	your expertise in DNA. As of December of '98 and February
4	of '99 when you did these tests
5	A Yes.
6	Q how many hours of college education did
7	you have on DNA testing and expert testimony in that
8	regard?
9	A How many formal college courses did I have
10	in DNA?
11	Q Yes, sir.
12	A None.
13	Q In the six classes that you attended, how
14	many total hours were you taught by college professors
15	about how to do DNA typing, testing, and how to be an
16	expert witness?
17	A Well, they didn't tell me anything abut how
18	to be an expert witness.
19	Q Well, you knew that because you've been an
20	expert in nine other areas?
21	A That's correct. You're asking me a question
22	that I can't give you a specific number of hours. Most of
23	those classes or courses were either a few days, or up to
24	two weeks in the case of the FBI.

And during, for example, the FBI portion,

the majority of those classes were taught by Ph.D's who 1 2 are hired by the FBI who have come out of academia. And the same with the other classes that were taken in Perkin 3 Elmer. There were other speakers that addressed other 4 5 issues in DNA analysis. I can't give you how many hours, 6 it's just I would say the majority were taught by Ph.D's. And you've referred a couple of times to 8 this FBI workshop that you went to. 9 Α Right. 10 Now, the name of that was Basic Principles of DNA typing, correct? 11 12 Correct. 13 It wasn't Advanced Principles of DNA typing? 14 It was basic and advanced. That was just 15 the name of it. 16 Is advanced on your CV? 17 Α No, it's not. 18 Your CV attempts to show your expertise to 1.9 the greatest extent possible? 20 A Well, I guess then you'd have to decide what 21 do you consider advanced. Why don't you tell me. 22 0 I'm not the expert. 23 I'm telling you it was both basic and 24 advanced. 25 And yet you didn't put advanced on your Cv?

1 MR. FATTIG: Objection. Argumentative. 2 THE WITNESS: No, I didn't. 3 THE COURT: Sustained. Let's move on. 4 Q (By Mr. Christiansen) You drew three or 5 four pictures for the jury on the board and talked about 6 the strands and the four compounds, A, G, T, and C, and I won't even try the names, and how they line up. And those 7 8 are at least part of the way you do these DNA typing and 9 testing, correct? 10 Α Yes. It's a very simplified explanation as to what we're doing. 11 12 Am I correct that you take and actually sever a portion of this DNA and then examine it under some type of microscope? Is that what you do? 15 Α No. It's all done chemically. 16 All done by a machine? 0 17 Parts of it are done by a machine, parts of it are done by wet chemical methods, meaning that we 18 actually have the DNA in our hands, and just as you would 19 20 picture a chemist working in a laboratory, mixing a little 21 bit of this, mixing a little bit of that, doing a little 22 bit of this, doing a little bit of that. 23 And eventually the end result is, we do use a couple of instruments to process the DNA, and to analyze 24

the DNA. And, of course, today with the advent of

computers, computers help us too. So it's a long,
involved process.

Q And the tests that you did here, can you tell the people in the jury how many of these -- I think you called them base pairs -- were in each particular strand that you examined, or caused to be examined by a computer?

A No.

Q Well, the base pairs were what you told the jury was the fundamental important thing for you to look at, because you had either sequence variation or length variation of base pairs, correct?

A Yes.

Q Well, I'd like to know if you can tell the jury how many -- in any one of these tests, how many base pairs were in the particular tests that did you?

A No, I can't. Because there are reference texts for that. And, I mean, it's like asking me to memorize the encyclopedia. I can look up -- if it's important for me to know how many base pairs are in a particular location, I simply bring out a book that's this thick, go to the appropriate page and look it up. I don't make a habit of memorizing base pairs.

Q That's what you do pretty much throughout this process is, you look at something you don't know the

```
1
     answer to it, so you go to a book that has the answer to
 2
     it, then you put that answer on your reports and come in
 3
     here and say it's your opinion, right?
 4
            Α
                   No. My job is, I have the education, the
     training and the experience to work with DNA, analyze DNA,
 5
     and tell you what the DNA typing results are. It's not my
 7
     job to memorize encyclopedias or chemistry books, or
     things I can look up if I need to.
 8
 9
                   How many times have you testified as an
     expert --
10
                   I might add that I am Board certified
11
     in Molecular Biology, which indicates --
12
13
                        MR. CHRISTIANSEN: Judge, there's no
     question pending.
14
15
                        THE COURT: Go ahead.
                   (By Mr. Christiansen) Mr. Welch, how many
16
17
     times have you testified for the Defense in any criminal
18
     case regarding DNA?
19
            Α
                   Never.
20
                   You're a Prosecution witness, correct?
21
            Α
                   No. I'm an independent witness.
22
                   You work for Las Vegas Metropolitan Police
23
    Department, correct?
24
                   And I often come up with negative results
```

and results that they don't like.

```
1
                   Mr. Welch, answer my questions. Do you work
 2
     for the Las Vegas Metropolitan Police Department?
 3
            0
                   That doesn't mean I work for the
     Prosecution, and it --
 4
 5
                         THE COURT: We'll let the jury decide
     what it means.
 6
 7
                        THE WITNESS:
                                       I am employed by the Las
 8
     Vegas Metropolitan Police Department, that's correct.
 9
                        THE COURT: Counsel, approach the
10
     bench, please.
11
           (Whereupon, counsel conferred with the Court.)
12
                        THE COURT: Ladies and gentlemen, it is
     your duty not to discuss among yourselves, or with anyone
13
14
     else, any subject connected with the trial; or read, watch
     or listen to any report of, or commentary on the trial or
15
16
     any person connected with the trial by any medium of
17
     information, including without limitation, newspapers,
18
     television and radio; or form or express any opinion on
19
     any subject connected with the trial until the cause is
20
     finally submitted to you.
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Let's return at 1:45. That gives you about hour and 15 minutes. Court's adjourned. (Whereupon, court was adjourned until 1:45 p.m.) ATTEST: Full, true and accurate transcript of proceedings.

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THE STATE OF NEVADA,	SHIRLEY B. PARRAGUIRRE, CLER
Plaintiff,)BYLINDA-SKINNER_) DEPUTY
vs.)) No. C159915
JOHN JOSEPH SEKA,) Dept No: XIV
Defendant.	# CODY
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REPORTER'S TRANSCRIPT OF BEFORE THE HONORABLE DON	ALD M. MOSLEY
VOLUME II	
February 16,	2001
2:15 p.m. Department XI	v
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APPEARANCES:	
For the State:	
MR. EDWARD KANE	
MR. TIMOTHY FATTIG Deputy District Attorneys	
For the Defendant:	
MR. KIRK KENNEDY MR. PETER CHRISTIANSEN	
Attorneys-at-Law	,
	Daniel de la constant
	Reported by: Joseph A. D'Amato
	Nevada CCR #17

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THE COURT: The continuation of C159915,

State of Nevada versus John Joseph Seka. Let the record reflect the presence of Mr. Seka, his counsel, Mr. Christiansen and Mr. Kennedy, Mr. Kane and Mr. Fattig present for the State.

Will counsel stipulate all members of the jury are presented and properly seated all stipulated?

MR. KANE: Yes, Your Honor.

MR. KENNEDY: Yes.

THE COURT: Let me remind you you're still under oath. Proceed, please, with cross-examination.

EXAMINATION (cont'd.)

BY MR. CHRISTIANSEN:

- Q. Before we left or took the lunch break I
 was asking you some questions related to these charts
 that were prepared and taken from the two reports you did
 in December of '98 and February of '99?
 - A. Yes.
- Q. On these charts, the very far right column
 - you can just look at the ones that you did, the small
 ones in your hands, because those are the ones I have in
 front of me, as well, the very right column, so the jury

	Company Company
1	4 can see, says sufficient sample remaining for re-test;
2	that is accurate?
3	A. Yes, it was.
4	Q. And on each of the columns, each of the
5	tests you did and there's more in the two sheets of
6	paper that you have in your hands and that I have in my
7	hands there is a check in the yes or no box, correct?
8	A. Yes, there is.
9	Q. And a variety of the tests that you
LO	performed, you used the entire sample, correct?
.1	A. Yes.
.2	Q. Who is Tom Wall, Mr. Welch?
L3	A. Tom Wall is an analyst that works with me
L 4	in the laboratory.
L5	Q. Is he your superior or equal?
L6	A. I would say he's a co-worker.
L7	Q. Is it your practice that when you're going
L8	to use the entire sample that you call in any case,
L 9	that you call the prosecution and say "Hey guys, I'm
20	going to use this whole sample if I do this test. Nobody
21	else will be able to check it. Do you still want me to
22	do the test?"
23	A. I wouldn't say it's general practice.
24	The practice is has sort of evolved
25	since we started doing DNA. I can't remember exactly at

this time period, since this was two to two and a half years ago, what we were doing at that time.

Now, it's sort of our practice - - but the technology has also changed. Generally speaking, today, we don't have any cases where we consume the whole sample and you're correct, if we feel like there is a very small sample and we know we're going to consume it all we do try to make contact with the District Attorney's Office and sort of okay that with them and make sure everything is okay.

And again, it sort of has been an evolving practice. I really can't recall at this time whether we, as a laboratory, had made a decision to do that.

I know now that that's the practice, but it's been an evolving thing.

Q. And it evolves hopefully to a more fair and evenhanded practice?

A. Yeah.

Our policy now is basically we try to preserve at least half the sample for the defense, meaning a crime scene sample.

If that's not possible and it's such a small amount, we will retain a sample of the working extract that we work with if there isn't a sufficient crime scene sample to retain.

1	,	6 So you're correct. Today it's pretty
2	common that we	would not consume all of the sample.
3	Ω.	Now, on the test you performed, December
4	18, 1998, would	l you look at that?
5	Α.	Yeah, um-hum.
6	Q.	The first item which was a swab from, with
7	apparent blood	that included
8	А.	Could I ask you what report date you're
9	looking at?	
10	Q.	December 18 I'm sorry 1998.
11	Α.	December 18.
12	Q.	Do you have that?
13	A.	Yes, I do. Just a moment, please.
14	Ö.	I might be able to find it on here.
15	`A.	I've got it, sorry.
16	Q.	I think it is those charts were cut
17	and pasted to m	make these exhibits, correct?
18	Α.	Yes, they were. Sorry.
19	Q.	I think the very first sample is this one,
20	number 37, so	the jury can see the swab with apparent
21	blood and I the	ink Mr. Fattig said that was found at 1933
22	Western, correc	
23	Α.	Right.
24	Q.	And that swab included Mr. Seka, correct?
25	A.	Yes, it did, um-hum.

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	Q.	And you	can't see	it in	the blown	up
portio	n becaus	e th e re's	looks	like	a hole pu	nch was
put ov	er it, b	ut none o	f that swa	b was :	retained?	

- A. Correct.
- Q. So it was all used?
- A. Yes, it was.
- Q. So if I wanted or if I ever wanted to have somebody look at that swab and check your work, so to speak, that is a virtual impossibility?
 - A. Probably so.
 - Q. Okay.
- A. Although again, this has been an evolving process with how we treat the swabs.

It could be - - and I wouldn't know that by looking at the results - - it could be that a sample, the sample itself, meaning the sample from the crime scene, there was not sufficient sample of it for re-test.

However, it could be that there is a sample that I worked work with personally that may be in the laboratory.

- Q. As you sit here today you don't know the answer to that?
 - A. But I don't know for sure until I go back.
 - Q. And that is the exact same situation with on your paper that's right in front of you, on the

	Charles and	
1	very next sample	8 e which is swab with apparent blood that
2	includes Eric Ha	amilton?
3	A. 3	Yes, that's true, um-hum.
4	Q. 1	And I think that, if I can find it, is the
5	bottom of this o	chart that you caused to be made, correct?
6	A. 3	Yes, right.
7	Q. T	The very last one?
8	A. 1	That's correct.
9	Q. A	And that, as well, shows in the box that
10	there is not a s	sufficient sample remaining for a re-test,
11	correct?	
12	А. У	es, and again, I have to say that at that
13	time we were	it may indicate that there may not be a
14	sufficient sampl	le from the crime scene.
15	F	Nowever, there may be some sample of
16	extract that I w	work with.
17	Q. F	or whatever reason, your document
18	A. S	Says no.
19	Q	- says that there's not sufficient
20	sample?	
21	A. R	right, and I would agree when you say
22	there probably i	sn't.
23	Q. T	hat is the same looking at your piece
24	of paper for the	item right below it, another swab where
25	Eric Hamilton is	the included source, correct?

A. Correct.

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Q. And if you look at the other report, you did one a couple months later, there are - - I count three, that being two on the first page and one on the second of sources of blood that were not retained, a sufficient sample wasn't retained for a re-test, correct?

7

A. Correct, correct.

8

9

10

11

Q. One of those is the blood of Peter

Limanni, one is - - I'm sorry - - two are the purported

blood of Peter Limanni and I think Mr. Fattig said those

were taken from the van; is that accurate?

12

A. If you say so.

13 14 I'll stick by - - if it says there isn't a sufficient sample on my chart you're looking at, I'll agree with that.

16

15

Q. And one is of Mr. Seka, a swab with apparent blood and that's on the second page, correct?

18

17

A. Yes.

Q.

19 20

evolving practice where now you call the prosecutors when

21

you're called upon by homicide or whoever to do a certain

And as you've explained to the jury, this

22

test and you can look at the thing you're being asked to test and knowing how you do your tests you're going to

24

use up the entire substance, you now make it a practice

25

to call the prosecutors and say "Hey guys, I'm going to

use this all up."?

- A. Yes.
- Q. And that's because you want or it is fundamentally fair that a defense lawyer be able to have an expert or somebody like yourself to do these same types of testing, correct?
- A. Yes, yes, if there's sufficient sample left.

I mean, there are occasions when we do call the prosecutors, now that the decision is made to go ahead and just run the sample, so there are rare occasions today where we still will proceed, but sort of with the okay of the prosecutor's office to do that.

However, you're right, in that generally - and today I would say 99 - - as often as we can we try
to save half of the sample for the defense to re-test, if
they like.

- Q. In six of the tests you did that was not a possibility, correct?
 - A. At that time, that's correct.

The other thing is that, as I mentioned, this was a little older technology and unfortunately the amount of DNA that we needed to use was a little greater than it is today.

With the newer technology we have to use

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		(
1	much less of the	sample, so it changes things	11
2	dramatically.		
3	Q. One	e of the tests you performed	on I'm
4	looking on Decembe	er 18, 1998 and this appe	ars to me
5	to be the last tes	st on your chart and that was	the
6	fingernail clippin	ngs with apparent blood?	
7	A. Yes	s.	
8	Q. The	ere were I don't know if	you had
9	that blown up here	e	
10	A. I o	don't think it's blown up.	
11	Q. It	's not blown up in the Court	exhibits,
12	but you did some t	testing of a fingernail clipp	ing with
13	apparent blood and	d one of the sites or locatio	ns that you
14	drew up there you	were unable to give numbers	or letters
15	on, correct?		
16	A. Exc	cuse me, let me find that, pl	ease.
17	Oka	ay, I have it.	
18	Q. Is	that correct?	
19	A. Yes	s, on D1S80.	
20	Q. Aml	lagene is the male/femal one	and D1S80
21	was one of the sit	tes you related to the jury.	
22	You	u were unable to locate that	site or
23	unable to determin	ne male or female?	

Α.

Q.

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Why didn't you just re-test it?

Right.

2 re-test.

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Why didn't you re-test it?

Zi.

It says you had sufficient sample for

A. Um, I can't answer the question. I'm not really sure.

I'd have to really look through my notes in detail to answer that question for you.

- Q. You typically keep accurate - these charts are typically accurate, correct?
 - A. Yes.

Q. So if it said there was sufficient sample for re-test and you had a result that was not all of the boxes, so to speak, all of the locations on your PCR chart, you could have re-tested it, right?

If your - -

- A. Yes, and again as far as the details, there may have been some other circumstances that I'd have to go back and really delve into to see why I didn't do that.
- Q. Tell me when the Las Vegas Metropolitan Police Department started doing DNA testing in-house, in other words, in the department, instead of shipping it out to Cellmark or somebody like that.
- A. I think it's been about - I think we started in 1996. It's been about five years, but I can't

1 - not exactly sure when.

- Q. If I told you that Cellmark was routinely having stuff shipped to them in 1997 and 1998 would that comport with your recollection?
- A. We still send out samples to Cellmark and other reputable DNA companies today. That's not unusual.
- Q. The jury probably doesn't know who Cellmark is.

Why don't you tell them?

A. It's a private concern that does DNA testing for a fee and during the transition period in the early, generally speaking, in the early '90's, mid '90's, before we started our DNA laboratory and other laboratories were doing DNA analysis and the prosecuting District Attorney wanted to have DNA done on a sample, we would routinely ship samples out to Cellmark to have them do an analysis.

There are occasions that even today we still send out samples to Cellmark so that wouldn't surprise me.

Q. Back in 1998, '99, when you were performing these tests how many times did you - - had you testified and been qualified as an expert in a court of this jurisdiction to testify about the type of PCR testing you're talking about today?

	(included the control of the control	
ı	, A.	Back in
2		MR. FATTIG: Objection. Asked and
3	answered.	
4		MR. CHRISTIANSEN: I have never asked that
5	question.	
6		MR. FATTIG: That was part of his Voir
7	Dire.	
8		THE COURT: It's argumentative. Just a
9	minute. Let's	keep that within the proper context.
10		Proceed.
11		THE WITNESS: Do you want me to answer?
12	BY MR. CHRISTIA	ANSEN:
13	Q.	Yes.
14	Α.	Back in '98, I don't know.
15	۵٠	I think you told me during my questioning
16	of you about qu	ualifications that you'd done it a total of
17	three times as	to this type of DNA?
18	Α.	Up to the present time, but in 1998, I
19	don't know. I	may not have testified at all in 1998 on
20	it.	
21	Q.	It's quite possible, is it not, that when
22	you were doing	these tests that you had never, prior to
23	that time, tes	tified as an expert in DNA evidence for

For this technology, that's true.

Α.

PCR?

24

1		. Q.	There	is	a	supervisor	named	Birch	Henry	at
2	your	office;	is that	COI	re	ect?				

A. Yes.

- Q. He would have had the ability to check or verify this at some point if you hadn't testified previously as an expert?
- A. I don't know if Birch was with us during this time period. He's been with the department about two years and I'm not quite sure if he was here during that time period.

It's common practice in our laboratory, though - - I think what you're getting at is any case that's done in our laboratory, if Birch was not present in the laboratory, which - - wait a second, excuse me.

I'm sorry. I jumped ahead of myself.

His signature appears on the report, so he was here at that time. I'm sorry.

- Q. Prior to the break I asked you questions about the books that contain these numbers that the jury heard from you earlier and you told me that Metro or that you have done part or taken part in a population study that Metro has?
 - A. Yes.
- Q. And you derive some of your numbers from that book?

16 A. Well, what we did, what a population sudy
in other words, what we tried to do was create our
own database in the State of Nevada, so there's two
forensic laboratories in Nevada, one in Las Vegas and one
up in Reno, Washoe County.

And during a period of time - - and again

I can't really remember exactly when - - the Reno lab

tested a number of samples and we tested a number of
samples.

I think our number was something in the order of at least a couple hundred, maybe it was in the order of 400.

But what I mean by participated, in other words, we had a number of samples that we analyzed in-house, then we combined our numbers with the Reno laboratory and created our own Nevada database.

At that point we had a population geneticist or whatever review the numbers and see how they coincided with national figures. When I'm saying I participated, it was a participation in the analysis of the samples and presenting that, you know, compiling that information.

- Q. Okay. Now, do other labs have their own population studies as well?
 - A. Some do, some don't.

Tas Vegas (702) 388-2973

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Q. So if you sent all this - - if you'd retained the items that we've discussed that you used all of back in '98 and '99 and had send sent it all off to Cellmark, for example, isn't it quite probable that their numbers would have differed from your numbers in terms of probabilities?

Instead of one in 1.3 million, it might say one in 88,000?

A. I don't think it would be that radical.

There would probably be some variation,
but if you're using that as an example of one in 1.3
billion or million, I'm sorry, I would suspect that yes,
you might get numbers of one in 1.2 billion or million or
one in 1.35 million, maybe, but you'd never get numbers
that radically different.

- Q. That difference is because this test, this PCR is a test of elimination, not a test of identification, correct?
 - A. Well, at this time, yeah, yes.
- Q. You eliminate who can be part or who can be the donor of a given sample. You don't identify who is the donor of a given sample, using this type of PCR testing?
- A. With this technology with the numbers that were generated we looked at it more of as an elimination

type	test.
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Q. Okay.

A. Or as we stated, we couldn't exclude. We can't exclude this person.

5 Today it's evolved to much more.

- Q. Right. Today it's more sophisticated, correct?
- 8 A. Today we do identity statements at the 9 laboratory.
 - Q. Nobody ever asked you to do an identity statement in any of the tests in this case, correct?
 - A. No.
 - Q. Look for me if you would, on December 18, 1998, on that chart, those, the two defendants tests that were swabs with apparent blood where you excluded Mr. Seka as being the donor and included Mr. Hamilton.

Judge, can I approach?

18 THE COURT: Yes.

19 THE WITNESS: Sorry.

20 BY MR. CHRISTIANSEN:

- Q. I'll show you my chart. I'm talking about the first three.
- 23 On all three of those, those were the 24 swabs from the Toyota pickup, I believe, was the 25 testimony; is that correct?

	(A)	
1	A.	19 I personally don't know where they came
2	from.	
3	Q.	I think we'll clear it up with the next
4	witness, but -	- and all three of those were Eric
5	Hamilton's bloc	od identified.
6		There is no ability for anybody to go
7	re-test that, b	pecause the sample was used up?
8	А.	Yes.
9	Q.	And the amount where you identified from a
10	swab of Mr. Sek	a's blood was so small that you used up
11	that sample as	well, correct?
12	A.	If I said there's insufficient sample for
13	re-test, that's	what I meant, but are you talking about
14	Mr. Seka's bloc	od itself?
15	`Q.	Correct.
16	Α.	If it's a reference standard, there should
17	be plenty of sa	ample left over.
18	Q.	Didn't you use a buckle swab as a
19	reference stand	lard for Mr. Seka?
20	Α.	If I did yeah. Sometimes
21	sometimes we us	e blood standards, too.
22	·	If I indicated a buckle swab, then I used
2 3	a buckle swab.	
24	Q.	As you sit here today you don't remember,
2.5	correct?	

	Carrier Control
1	A. I don't remember exactly, because I deal
2	with lots of these samples.
3	MR. CHRISTIANSEN: I'll pass the witness.
4	Thank you.
5	THE COURT: Re-direct?
6	
7	
8	RE-EXAMINATION
9	BY MR. FATTIG:
10	Q. You testified on cross-examination
11	regarding the Marlboro cigarette butt?
12	A. Yes.
13	Q. Were you able to find any DNA on the
14	cigarette butt at all?
15	A. Excuse me for just a moment, please.
16	Q. Certainly. Take your time.
17	A. Okay. My result on the cigarette butt
18	were no DNA typing results. No DNA typing results were
19	obtained on the two Marlboro brand cigarette butts.
20	What that indicates to me is that I
21	attempted to do DNA typing. No DNA results were
22	obtained.
23	I might have proceeded with a process to a
24	certain point and then found out that there wasn't enough
25	DNA to proceed to do any typing. I might have carried



the	process	halfway.

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Is that what you're getting at?
I'm not quite sure.

City.

- Q. I wanted to know if you remember whether or not there was any DNA on those cigarette butts at all?
- A. I could refresh my memory by looking at some notes, if you'd give me a few minutes, but I have no independent recollection of that.
 - Q. Do you have the notes with you right now?
 - A. Yeah, yes, I do.
 - Q. I'll move on.
- Is it your job to actually collect
- 13 evidence?
 - A. No, it's not.
 - Q. That's the crime scene analyst's job?
- 16 A. Yes.
 - Q. If you can remember back when you went to college, did they offer courses in DNA analysis?
 - A. No, they didn't.
 - Q. Did it even exist?
 - A. Well, we talked about DNA in chemistry classes I took, you know, three semesters of biochemistry where we talked about DNA and I was exposed to DNA in botany classes and other biology classes, but at that time there was nothing - nobody was involved with DNA

Figure Control of Cont	7.72.7 (24)	
typing per se.	22	
; 	It's a relatively new technology.	
Q.	Have you ever been asked to testify on	
behalf of the	defense in a criminal case?	
Α.	No, I have not.	
	MR. KANE: May I approach the witness,	
Your Honor?		
	THE COURT: You may.	
BY MR. FATTIG:		
Q.	Mr. Christiansen asked you on	
cross-examinat	ion about the far left side sufficient	
sample remaining for re-test, that column.		
Α.	Yes.	
Q.	Is it accurate to say that with regards to	
the glass frag	ments with apparent blood where you	
identified Eric Hamilton on and the magnetic cards with		

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Yes.

with those two - -

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Yes. Α,

6:4

- 22
- 23 So the defense could have done a re-test
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- on those two?
- MR. CHRISTIANSEN: Objection.

apparent blood where you identified Mr. Limanni on, taken

from the Dodge van, that there was a sufficient sample

- - for a re-test?

Judge, that's improper in terms of the
notice and the things we discussed about this witness and
being properly notified.

Can we approach?

THE COURT: Come forward.

(Discussion off the record.)

THE COURT: Proceed, please.

BY MR. FATTIG:

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- Q. Mr. Welch, with regards to - if you can refer to your report dated February 8, 1999.
 - A. Yes.

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- Q. With regards to the bluejeans with apparent blood, was there a sufficient sample available for re-testing of that item?
 - A. Yes, there was.
- Q. And again, referring to your other report,

 December 18 of 1998, was there sufficient sample for

 re-test with regards to the hair with apparent blood that

 was identified as Mr. Hamilton's and the fingernail

 clippings with apparent blood?
 - A. Yes.
- Q. So it's fair to say that some of the items were used up and some of them weren't?
 - A. Yes, that's fair to say.
 - Q. In 1998, how long had this type of DNA



testing that you used back then been in existence?

A. I would say approximately three to five years, perhaps.

Q. You testified on cross-examination about some of the books that you have to rely upon when you go in and you look at these long codes.

Do you remember that?

A. Yeah.

- Q. Is that something that's commonly done in the field?
- A. Well, as I say, the explanation here is a very simplistic explanation. The question that was posed earlier asked if I could give you an example of a sequence of one of the variants or types.

My answer was no, I couldn't, because sometimes the sequence lengths can be hundreds of base pairs long, so what you're asking me to do is do I remember hundreds of sequences that are a series of four letters that may go on for a hundred base periods, and the answer is no, I don't have the ability to memorize that much information.

If there is a reason or need to know what the sequence is, I can provide the sequence to a particular variation, but I would have to go to either a book or pamphlets or reference materials of some kind to

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1	get that sequence, and I would be more than happy to copy
2	that sequence off to you and mail it to you or give it to
3	you.
4	I don't have the ability to memorize that
5	complex of a series of four letters.
6	Q. And again, is that commonly the practice?
7	A. Well, there may be some people that can
8	memorize them, but I certainly don't have the ability to
9	do it.
10	Q. How many can they be?
11	A. Hundreds of base pairs long.
12	MR. FATTIG: Nothing further.
13	THE COURT: Defense counsel?
14	•
15	RE-EXAMINATION
16	BY MR. CHRISTIANSEN:
17	Q. Mr. Fattig asked you if you've been asked
18	to testify as a defense witnesses.
19	You're employed by Metro?
20	A. Yes, I am.
21	Q. You couldn't testify for the defense if
22	you wanted to, could you?
23	A. They would be real unhappy, if I did.
24	MR. CHRISTIANSEN: Right.
25	No further questions. Thank you.

1	THE COURT: Anything further?
2	MR. FATTIG: No.
3	THE COURT: Thank you, very much. You're
4	excused.
5	Next witness.
6	MR. KANE: Gary Reed.
7	
8	GARY REED,
9	called as a witness herein, was sworn by the clerk of the
10	court, was examined and testified as follows:
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13	EXAMINATION
14	BY MR. KANE:
15	Q. Please state your name and spell why last
16	name for the record.
17	A. My name is Gary Reed, R-e-e-d.
18	Q. By whom are you employed?
19	A. I'm employed by the Las Vegas Metropolitan
20	Police Department in the the criminalistics bureau.
21	Q. What is your specific assignment in the
22	criminalistics?
23	A. My title is crime scene analyst
24	supervisor.
25	Q. And was that your job assignment back in

1	November	οf	1998?
2		Α.	Yes

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Q. I want to talk to you about a vehicle examination that you did at the Las Vegas Metropolitan Police Department garage on November 19, 1998.

Do you recall that?

, it was.

- A. Yes.
- Q. And do you recall the vehicle involved?
- A. Yes, I do.
 - Q. What type of vehicle was it?
 - A. It was a 1998 Toyota Tacoma pickup.
 - Q. Do you recall the license number?
 - A. Um, I'd have to look at my notes for that.
 - Q. Did you prepare a report?
- A. Yes, I did.
- Q. Would looking at the report enable you to refresh your recollection and state the license number?
 - A. Yes.
 - Q. Would you do so?
 - A. The plate number was Nevada 720 JJM.
- Q. And what did you do in terms of processing this vehicle?
 - A. Initially we -
- Q. Let me stop you right there.
- When you say we, who else was there?

Roberts

L	A. Vince Roberts, another crime scene	28
2	analyst, assisted me with that.	
3	I did impound evidence and prepare	the
ı	report for this case, but I was assisted by Vince	Robert
5	and another crime scene analyst supervisor, Joe Mo	:Veigh.

Would you proceed? Q.

And if it's you doing something, say so, and if it's somebody doing something in your presence, indicate that as well.

Okay. The vehicle was examined on the exterior to look for anything that may tie the vehicle to another scene that was worked.

We looked at the tires, the undercarriage. We looked at the bed of the vehicle, the exterior condition of the vehicle and also at the interior of the vehicle.

The vehicle was photographed to document the condition that it was in at the time we observed it.

The vehicle was processed for fingerprints inside and out. We examined for the presence of blood in the bed of the pickup.

We also collected - - or there again, I did all the impound, so anything, blood, hairs and fibers that were located, I personally did the impound on.

Let me start with the exterior condition

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of the vehicle.

Did anything about its exterior condition immediately attract your attention?

- A. Yes.
- O. What?
- A. A couple of things.

One, the body of the vehicle itself, the exterior body was clean. It looked as though it had been washed, but the tires on the sidewall of the tires had markings on the sidewall that appeared as though it had been driven in the dirt and had rocks up on the side of the tires, and also on the undercarriage of the vehicle there were scrape markings in the oil pan area, indicating that it had driven over some kind of brush.

- Q. Are you saying there's was a contrast between the undercarriage and tires and exterior of the vehicle?
 - A. Yes.
- Q. Was that sufficiently out of the ordinary for you to note it in your report?
 - A. Yes, it was.

I noted that the vehicle was clean. There again in the bedliner of the pickup were some stains that drew our attention in that the exterior of the vehicle was clean, but there were stains in the bedliner of the

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First of all, what do you mean by a

pickup	

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Q. We'll consider the bedliner of the pickup is still part of the exterior.

Would you tell the jury what you observed in the examination of the bedliner of the truck?

bedliner?

A. The bed of the pickup had one of those plastic liners - - I'm not sure exactly what they call those - - the plastic protective liners to protect the bed from any damage.

Each of the four corners of the pickup where the tie areas were had twine or some sort of a tie attached to it and there again in the bedliner, the plastic bedliner there were some areas that were noted that had a stain on it, in contrast to the black liner.

- Q. Now, when you - in the course of examining this vehicle when you come across something like that that attracts your attention is there a presumptive test that you do to determine whether or not it may be blood?
 - A. Yes.
 - Q. What is that test called?
- A. There are actually a couple of tests that we can do and in this case we used both of them, one, an

1	initial test we would use and did use in this case is a
2	phenylthaline test for the presence of blood which will
3	give us an indication of whether we're dealing with blood
4	or not.
5	In this case we did three presumptive
6	tests using the phenylthaline and all three reflected
7	positively and at that point three samples were collected
8	from the same areas where we got the positive reaction.
9	Thereafter, we continued with a second
10	presumptive test which is called a luminol test and that
11	test is basically a visual test and can be photographed.
12	Q. What happens with the luminol test?
13	A. With the luminol test it has to be done in
14	a darkened area and as you spray this liquid luminol on
15	the area it reacts positively with blood by glowing in
16	the dark so you get a glow reaction, which can be
17	photographed.
18	Q. Did you, in fact, take photographs or were
19	photographs taken in your presence to memorialize the
20	events you've just been talking about?
21	A. Yes.
22	MR. KANE: May I approach, Your Honor?
23	THE COURT: You may.
24	BY MR. KANE:
25	Q. I want to show you what have been marked

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1	for purposes o	32 f identification as State's proposed
2	exhibits 28 th	rough 32.
3		Without saying what they are I just ask
4	you if you rec	ognize those.
5	Α.	Yes, I do.
6	Q.	What are they?
7	А.	Those show the pickup that we've been
8	discussing.	
9	Q.	And do they fairly and accurately depict
10	the way it look	ked when you processed it back in 1998?
11	Α.	Yes, they do.
12		MR. KANE: Your Honor, I would offer 28
13	through 32.	
14		MR. CHRISTIANSEN: No objection, judge.
15		THE COURT: Received. Thank you.
16	BY MR. KANE:	
17	Q.	Would you, one at a time, take a look at
18	the back of the	photo, read off the number and then
19	explain to the	Ladies and Gentlemen of the Jury what's
20	depicted in eac	ch photograph?
21	A.	Number 28 shows an overall condition of
22	the back of the	e pickup from the driver's side area, just
23	showing an over	all view of the condition that we received
24	it in the exter	cior view.

Did it also allow the license plate number

Q.



to be viewed?

- A. Yes.
- Q. Continue, please.
- A. Number 29 is also a view of the exterior rear of the vehicle from the passenger side, also the plate is in view on this one and again shows the overall exterior condition of the vehicle.

Number 30 is a driver's side view photograph showing the side panel of the pickup and basically this photograph was taken to show that it was sealed, the door was sealed shut, and at the time we began the examination of the truck. It arrived in this sealed condition, showing the seal in place on the door.

Number 31 shows a view of the stain, one of the stains that drew our interest in the plastic bedliner at the rear of the pickup near the tailgate.

Number 32 shows an overall view of the interior bedliner of the pickup showing the reaction of the stains that were visible with the use of the luminol, showing the glowing effect.

- Q. Are those blue lines, glowing lines running down the middle of the photograph, they are the indications that you mentioned when you perform the luminol test?
 - A. Yes, and they run from the bedliner up

1	34 near the back of the cab or at the back of the cab all
2	the way down to the tailgate.
3	Q. As a result of your observations in the
4	bed of the truck did you secure samples for further
5	testing?
6	A. Yes.
7	MR. KANE: May I approach, Your Honor?
8	THE COURT: Yes.
9	BY MR. KANE:
10	Q. I want to show you first what has been
11	marked for purposes of identification as State's proposed
12	Exhibit 26 and ask if you recognize that.
13	A. Yes, I do.
14	Q. And what is 26?
15	A. Twenty-six is the envelope containing
16	three blood samples that were collected from the pickup.
17	It has the date, the event number and my signature
18	affixed.
19	Q. Does it bear any signatures or seals in
20	addition to your own?
21	A. Yes, it does.
22	Q. And are those the signature or seal of the
23	person familiar to you?
24	A. Ves.

Who is that?

	intraction and the second	14 <u>27</u> 77
1	, A.	35 That would be Dave Welch, a criminalist
2	with the chemi	stry lab.
3	Q.	Except for Mr. Welch's signature and seal
4	does that item	appear to be in substantially the same
5	condition that	it was when you first observed it back in
б	November of 19	98?
7	Α.	Yes, it does.

Yes, it does. Α.

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MR. KANE: Your Honor I'd offer 26.

(a)

- MR. CHRISTIANSEN: No objection.
- THE COURT: Proceed. Thank you.

11 BY MR. KANE:

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- I'm not going to ask that you open that Q. I want to show you next what has been marked for purposes of identification as State's proposed Exhibit 27 and ask if you recognize that.
 - Yes, I do.
 - What is 27? Q.
- Twenty-seven is a box containing eight rolls of paper in which we took tire impressions for this pickup we were discussing, two impressions from each tire.
- Before getting into the exhibit itself would you explain this physical process of taking tire impressions?
 - If tire impressions are found at a scene

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in order to compare impressions from a particular vehicle with impressions that may have been found in the dirt or the mud at another location, some method has to be effected to take a sample of those tire impressions, and since we're dealing with a scene that may have only a small section of tire, maybe a foot or two section of tire, that impression could have been made by any one of the four tires on a vehicle and the entire length of each tire has to be rolled in order for comparison purposes.

So in this case the entire circumference of the tread area of a tire is driven over a piece of paper and in the process of that, in this case we used Armorall, it was wiped on the tread of the tire itself in order to leave a greased type medium to drive over that white paper.

In the process of driving over that white paper it leaves this Armorall and the method used - - in this case we used a magnetic powder, magnetic fingerprint powder that's typically used to locate fingerprints that can be applied on that paper with the Armorall and an exact impression of that tire becomes permanent on that piece of paper.

- Q. Getting back to 27, how do you recognize that?
 - A. This also has an event number attached to

1	it, my name and signature and description of the items
2	inside.
3	Q. Does it bear any signatures other than
4	your own?
5	A. Yes, it does.
6	Q. Anyone familiar to you?
7	A. Yes.
8	Q. And who is that?
9	A. Fred Boyd.
10	Q. What does Fred Boyd do?
11	A. He's a latent print examiner. He also
12	does tire and footwear impressions.
13	Q. Except for the signature of Mr. Boyd's
14	signature and seal does that exhibit appear to be in
15	substantially the same condition as it was when you last
16	observed in in 1998?
17	A. Yes.
18	MR. KANE: Move the admission of State's
19	proposed 27.
20	MR. CHRISTIANSEN: No objection.
21	THE COURT: Received. Thank you.
22	BY MR. KANE:
23	Q. Open that, please, and just display one of
24	the rolled tire impressions to the jury. There's no need
25	to take them all out, but just show them one so they know

what it is we're talking about.

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You don't have to roll it all the way out.

Just display it to the jury so they can get the idea.

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- A. I have one of the rolls which again turns to be 10 or 12 feet long to get the entire circumference of the tire showing the tread pattern and in the detail that's preserved by this method of putting the fingerprint powder on.
- Q. Are the impressions marked in such a way that anybody looking at them later can tell which particular tire it's a print of?
- A. We mark the tire information on the paper, the direction that the tire is rolling and which tire on the vehicle it is.
- Q. If you can replace that in the box, please. Thank you.

One further question on State's exhibit 26 which is already in evidence, those suspected blood samples that you impounded.

I think I neglected to ask you the specific locations from which you impounded those.

A. The three samples were collected, one from the upper front end of the bed near the cab of the pickup in the plastic liner, a second one was collected from the plastic liner towards the back end of the bed which would

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1	be near the ta	39 uilgate area and the third sample was
2	collected from	the metal painted area which is actually
3	below the bedl	iner, between the tailgate and the
4	bedliner, on t	the metal, painted metal surface.
5	Q.	Finally, as part of your processing of
6	this vehicle d	lid you or did anyone in your presence
7	attempt to sec	ure latent fingerprints?
8	Α.	Yes.
9	Q.	And were latents obtained?
10	Α.	Yes.
11	Q.	By yourself?
12	Α.	Yes.
13	Q.	By anyone else?
14	Α.	Yes. I believe Vince Roberts also
15	recovered fing	erprints.
16	Q.	With respect to the ones that you
17	recovered what	did you do with them?
18	Α.	I submitted them to the latent print
19	section for fu	rther examination.
20		MR. KANE: Nothing further Your Honor.
21	Tender the wit	ness.
22		THE COURT: Cross-examination.
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- A		

EXAMINATION

BY MR. CHRISTIANSEN:

Q. Good afternoon, Mr. Reed.

You just told people in this jury that you noticed this vehicle, this Toyota pickup and it struck you as odd because the outside is clean, yeah, the outside is clean and the tires and undercarriage were dirty; is that accurate?

- A. The undercarriage has scrape markings in the oil pan. I wouldn't characterize it as being any dirtier than another, but it had the scratch marks that may be associated with driving over brush.
- Q. And you thought that was important because you knew there was another crime scene where a body had been found out in the desert area south of town, correct?
 - A. Yes.
- Q. So you were looking for any evidence that this vehicle may have been out in that area and then subsequently cleaned to conceal that it had been in that area, correct?
 - A. Right.

MR. CHRISTIANSEN: May I approach the witness, Your Honor?

THE COURT: You may.

BY	MR.	CHRISTIANSEN:

- Q. Mr. Reed, I'm going to hand you what has been marked for identification purposes as defense proposed Exhibit E. See if you recognize it.
 - A. Yes.
 - Q. What is that a picture of?
- A. This is a picture of the bedliner of the pickup with the tailgate open.
- Q. I want you to tell the people on the jury if that bedliner is clean.
- A. I wouldn't characterize the bedliner as clean, no.
 - Q. It's quite dusty, isn't it?
 - A. Yes, it is.
- Q. And does that have some impact on your theory that this vehicle was cleaned after it had been in a desert area where a body was found?
- A. I don't know that the bedliner itself would have been cleaned. In reference to the cleanliness of the vehicle, I guess I am mainly referring referring to the paint, the windows, the body of the vehicle itself.
- Q. So a person would supposedly clean the body off, but leave the part where all the evidence is dirty.

1	: Is that your theory now?
2	A. I can't speculate as to what someone may
3	do, but also on examination of the interior cab area,
4	that we found to be in a very dirty condition.
5	MR. CHRISTIANSEN: May I approach again,
6	please?
7	THE COURT: You may.
8	BY MR. CHRISTIANSEN:
9	Q. I'm showing you what has been marked for
10	identification purposes defense proposed Exhibit F.
11	Does that appear to be another picture of
12	the bed of that pickup?
13	A. Yes, it does.
14	Q. And is that further illustration that the
15	bed of that pickup was quite dusty?
16	A. Yes.
17	Q. And that flies against your theory that
18	the outside of this truck was cleaned after it was out in
19	the desert, doesn't it?
20	A. I don't know what condition that pickup
21	may have been in, if this were the pickup to do that.
22	The things that I did note were the
23	markings on the sidewalls of the tire, the scrapes on the

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There again, vegetation samples were taken

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undercarriage.

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1	from the scene and the reason that was examined is to
2	determine if there might be any vegetation that may have
3	attached itself underneath.
4	MR. CHRISTIANSEN: Move for the admission
5	of defense proposed exhibits E and F.
6	MR. KANE: No objection.
7	THE COURT: Those are received. Thank
8	you.
9	BY MR. CHRISTIANSEN:
10	Q. State's exhibit 32 is the picture of the
11	bed of this pickup with the luminol stains, those kind of
12	glowing stains showing where there was blood or
13	presumptively blood in the bed of this pickup, correct?
14	A. Yes.
15	Q. And the stains extend from the very front
16	of the pickup all the way along the bed to the back of
17	the pickup, correct?
18	A. Yes.
19	Q. You could have taken far more than the
20	three samples you took of what was believed to be blood
21	in the bed of this pickup, correct?
22	A. Yes.
23	Q. And the only samples you took were those
24	three that you have testified here in Court about today
25	and that are referenced as items one through three on

		(i.e. in the second of the sec
1	your evidence	impound report, correct?
2	Α.	Yes.
3	٥.	The uncercarriage that you have spoken
4		have a picture of that?
5	Α.	I don't have one here.
6	ο.	Can you tell these people in the jury what
_		
7	_	se scrapes on the uncercarriage is?
8	Α.	No. There's no way to determine that.
9	Q.	Can you tell the jury how old that blood
10	in the back of	the truck is?
11	A.	No.
12	Q.	If I understood you correct, you just took
13	the or did	the rolls of those tire marks that you
14	started to pul	l out the butcher paper on, you just did
15	those samples,	correct?
16	Α.	I'm not sure I understand the question.
17	Q.	Bad question.
18		You did the rolling of the tires, for lack
19	of a better te	rm?
20	Α.	Yes.
21	Q.	And sprayed them with Armorall and rolled
22	them on the bu	tcher paper to preserve a tire marking?
23	. А.	Yes.
2.4		Which way did you roll the truck or the

tires to do that?

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1	A. My recollection of that is that with the
2	front tires we rolled it backwards out of the garage and
3	with the back tires they were rolled forward.
4	Q. Did you ever have any information about
5	the scene where Mr. Hamilton was found in terms of
6	whether the tire markings appeared to be from someone
7	backing up or going forward?
8	A. I'm sorry, I don't know who Mr. Hamilton
9	is.
10	At the scene I worked I had a John Doe and
11	I'm not familiar with who that was identified to.
12	Q. You gave those rolls on the butcher paper
13	to Torri Johnson?
14	A. Fred Boyd.
15	Q. Fred Boyd.
16	MR. CHRISTIANSEN: Nothing further, thank
17	you.
18	THE COURT: Re-direct.
19	
20	
21	RE-EXAMINATION
22	BY MR. KANE:
23	Q. I just want to clarify that third blood
24	swab, not the one up near the cab of the truck, but the
, s	one many the taileate

1	,	46 Would you clarify the location that was
2	found in?	
3	Α.	Could I refer to the photograph for a
4	clarification o	on that?
5	Q.	If it would help you to refer to the
6	photograph, jus	t indicate which particular photo you're
7	referring to.	
8	A.	On number 32, which is a luminol photo,
9	that would have	e been collected on this metal portion
10	behind the tail	gate that is actually off of the plastic
11	liner and betwe	en the tailgate, so it's on the painted
12	metal portion.	
13	Q.	And that's what I wanted to be clear on.
14		It's the metal portion that is not covered
15	up by the liner	?
16	Α.	Correct.
17		MR. KANE: Nothing further, Your Honor.
18		THE COURT: Anything else?
19		MR. CHRISTIANSEN: Nothing for me.
20		THE COURT: Thank you. You're excused.
21		Next witness, please.
22		MR. KANE: Doctor Steve Trenkle, Your
23	Honor.	
24		
25		STEVEN JAMES TRENKLE, M.D.,

1	called as a witness herein, was sworn by the clerk of the
2	court, was examined and testified as follows:
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4	EXAMINATION
5	BY MR. KANE:
6	Q. Would you please state your name and spell
7	your last name for the record?
8	A. Steven, S-t-e-v-e-n James T-r-e-n-k-l-e.
9	Q. By whom are you employed?
10	A. I'm employed by the Coroner of the County
11	of San Bernardino, California.
12	Q. And for how long have you been employed
13	there?
14	A. Since July of 1995.
15	Q. Are you a medical doctor?
16	A. Yes, I am.
17	Q. Doctor, would you describe for the Ladies
18	and Gentlemen of the Jury briefly your academic and
19	professional background?
20	A. I graduated from medical school at Loma
21	Linda University School of Medicine in 1973. The initial
22	part of my career as a physician was as a pediatrician.
23	I did an internship at Los Angeles County
24	USC Medical Center, two years of pediatric residency at.
25	Loma Linda University Medical Center and I had additional

post-graduate training in ambulatory pediatrics in Mount
Zion Hospital in San Francisco and Adolescent Medicine at
the University of California in San Francisco.

In 1980, I was hired by the School of Medicine as an assistant professor of Pediatrics. I taught pediatrics at Loma Linda for 10 years, from 1980 through 1990.

Then, in 1990, I decided to make a career change within the field of medicine and switched to pathology. I did four-year residency in anatomic and clinical pathology, which those are the basic areas of the sub-specialty of pathology, at Loma Linda, and following completion of that residency I did a one-year fellowship in Forensic Pathology at the Coroner's Office in San Bernardino.

When I completed the residency, rather the fellowship in forensic pathology, the coroner then hired me to be one of the staff pathologists working for the coroner and that's where I've been employed since July of '95.

Q. As part of your duties with the San Bernardino County Coroner's Office do you perform autopsies on the bodies of persons who die under suspicious circumstances?

A. Yes.

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1	Q. Is it also part of your job to form
2	opinions as to the cause and manner of death of such
3	persons?
4	A. Yes.
5	Q. Finally, is it a part of your job to
6	testify concerning those opinions and conclusions in
7	Court?
8	A. Yes.
9	Q. Have you testified and qualified as an
10	expert in the field of forensic pathology in the courts
11	of the State of California?
12	A. Yes.
13	Q. On approximately how many occasions?
14	A. Sixty to 70 occasions.
15	Q. Have you ever testified here in Nevada?
16	A. No.
L7	MR. KANE: I would tender the witness at
L8	this time for Voir Dire on his expert qualifications.
19	MR. KENNEDY: No objection to him being
20	qualified as an expert.
21	THE COURT: The doctor is so found.
22	Proceed.
23	BY MR. KANE:
	DI MR. AANE:
24	Q. I want to talk to you about December 29,

1998.

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Did you perform an autopsy on that date on a person identified to you initially as a John Doe and eventually as a Peter Limanni?

Α. Yes, I did.

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Would you describe for the Ladies and Q. Gentlemen of the Jury the significant observations that

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you made during your external examination of this body?

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The major findings in the external Α.

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had had access to the body.

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examination were that this body was partially decomposed and it had evidence that animals such as dogs or coyotes The body was clothed only in a pair of

undershorts and it had been discovered partially buried and partially uncovered, so there was a large amount of adherent to dirt and gravel to the body when I first saw it.

After I washed all that dirt away and cleaned the body, basically the soft tissues, the skin of the skull, the face, the upper part of the shoulders, the upper part of the chest and portions of the sides had been removed by animal activity.

The remaining portions of the body had varying degrees of decomposition and mummification where the tissue sort of dries out, consistent with having been outdoors partially buried for a considerable period of

time, perhaps weeks.

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The injuries - - once I had done that, I also noted several tatoos on the body. The significant injuries were two gunshot wounds in the left lower back, two wounds right next to each other, they fractured the 8th and 9th ribs, two holes through and through the heart associated with those.

Then there were several gunshot wounds of the skull. The skin, again, was gone. It was not present, but when examining the skull there were two gunshot wounds in the very back of the skull, one of which the bullet was actually imbedded in the skull itself.

there were two gunshot wounds on the left side of the head. There were two what appeared to be gunshot wounds on the top of the head, but it appeared that they were consistent with a bullet striking the skull causing a fracture, but not penetrating through the skull.

There was a gunshot would on the right side of the head just above the level of the ear. In addition, there was another gunshot wound on the top of the left shoulder and there may have been another wound in a shoulder area that where the skin had been removed so that the wound was actually not visible.

	(Ag. 1.	
1	Q. A	52 nd did the body bear any distinguishing
2	characteristics	in the form of scars, tatoos or other
3	markings?	
4	A. I	t had several tatoos.
5	Q. D	o you recall any of them?
6	A. I	'd have to refresh my memory from my
7	report.	
8	Q. D	id you prepare a report?
9	A. Y	es.
10	Q. W	ould it refresh your recollection to
11	refer to that?	
12	A. Y	es, it would.
13	Q. W	ould do you that and just let me know if
14	there were any t	atoos that you observed on the body?
15	A. T	here was a tatoo on the right upper arm.
16	That was about e	ight inches by two inches. I described
17	it as a vulture	with a yellow beak and claws holding a
18	turquoise colore	d branch.
19	A	nother cartoon-like figure next to it
20	that was tha	t appeared to be either carrying a cane
21	or a long tail.	Some of these tatoos were sort of
22	because of the d	ecomposition that had occurred it was
23	hard to see the	details.
24	A	nother tatoo was on the left arm. It was
25	four and a half	inches. It appeared to be a flying eagle

1	like attacking flying eagle figure. On the right lower
2	extremity was a tatoo of what appeared to be a map of
3	Italy. It was a boot-shaped object with the word Italy
4	tatoo'd across it, so it would be consistent with a tatoo
5	of the outline of the country Italy.
6	On the left lower extremity was a tatoo of
7	a blue colored flower, like fur.
8	Q. Would you next describe for the Ladies and
9	Gentlemen of the Jury your significant observations
10	during your internal examination of this body?
11	A. Um, much of the internal organs were
12	had evidence of decomposition. The upper portion of the
13	chest, the skin and tissue had been removed and both of
14	the bones had been removed, typical for animal activity.
15	The heart was still present, however, and
16	the heart had two gunshot wounds in the front part of the
17	heart and the back part of the heart that were consistent
18	with the two wounds in the back of the chest.
19	Inside the skull cavity I recovered
20	several bullets, only one of the bullets could I be
21	definite about which wound it came from.
22	The wound in the right side of the skull,
23	that bullet was imbedded in the base of the skull just an
24	inch or so from where it entered.
25	The other wounds that were in the back and

- Q. Were one or more of the wounds that you observed potentially fatal?
- A. Well, both of the wounds, the entrance wounds in the back that went through the heart, either one of those would be fatal. Together they were fatal.

And the gunshot wounds to the brain, even with treatment they may have been fatal. Again, because the brain was decomposed, I couldn't see which portion of the brain was affected by the bullet, so some gunshot wounds to the brain can be survived, but all of the gunshot wounds to the head were potentially fatal.

- Q. Was there anything about your examination that indicated to you the order in which these wounds may have been inflicted?
 - A. No.
- Q. Was there anything in your examination that indicated to you how long that body may have possibly been in the desert?
- A. Um, well, the degree of decomposition and the post-mortem changes would not have occurred within a day or two and would be more consistent with weeks.

Being, as long as the body is covered by

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findings or examination?

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of the body which prevented you from making further

A. Typically with any gunshot wound we like
to try and make a determination of the range of fire, how
far away from the body the barrel of the gun was by
looking for things like powder or soot or heat effects.

The closer the barrel of the gun is the more of these kinds of things you see, but in this case all of the areas of the body where the gunshot wounds were, the skin and soft tissue were gone and I was unable to make that sort of a determination as to whether it was a contact shot or a more distant shot.

- Q. Finally, was there anything unusual in the nature of the head wounds?
 - A. Yes.

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- Q. What?
- A. Well, one of the - in the back of the head, the bullet itself was imbedded in the outer table of the skull. It was flattened, but it was right in the outer tip of the skull. In other words, it did not penetrate through the skull.

And two of the wounds on the top of the head were basically dents and fractures in the outer table of the skull as if a bullet or other object had hit the head and bounced off, whereas the other wounds, the bullet penetrated through the skull and into the brain, so the fact that for sure one of the gunshot wounds the

bullet didn't penetrate the skull and two others were - looked like a bullet may have bounced off the skull would
be unusual.

- Q. In your experience what might cause that?
- A. Well, most, basically it's saying that the bullet doesn't have enough energy to penetrate through the skull, so there is a defective gun, there is a defective ammunition.

MR. CHRISTIANSEN: This is beyond his scope of expertise. He's not a gunSmith.

He's a forensic pathologist.

BY MR. KANE:

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- Q. Have you examined bodies before where the cause of death is gunshot wounds?
 - A. Yes.
- Q. As part of your purpose for examining the body and the opinions that you form is the distance and velocity of the shots fired?
 - A. Yes.
 - Q. A.
- Q. And have you testified as an expert as to those types of conclusions in the past?
 - A. Yes.
- MR. KANE: Ask he be permitted to answer.
- THE COURT: I'm going to allow his

1	testimony	as	to	the	unusual	nature	οf	what	he	found
2	stand.									

As to what might have caused that to happen, I'm going to strike that.

5 MR. KANE: Nothing further. Tender the 6 witness.

THE COURT: Cross-examination.

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BY MR. KENNEDY:

Q. Doctor, your report indicates the body had weighed 160 pounds when you did the autopsy; is that correct?

EXAMINATION

- A. That's correct.
- Q. I assume that's a weight that's exclusive of body fluids and other things of that type; is that right?
- A. In situations like this you would expect a considerable amount of body fluids to have been absorbed by the ground around it and there were - both lungs were missing and soft tissue was missing, so that would underestimate the weight of the person before death.
- Q. Given your experience in performing autopsies and your general experience as a pathologist,

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1	would you agree	59 that this person's weight, when this
2	individual was	alive, was in excess of 200 pounds?
3	Α.	It could well have been.
4	Q.	I believe you said the approximate length
5	was 65 and a ha	lf inches; is that right?
6	Α.	Yes.
7	Q.	Could that have been affected as well by
8	the age of the	body?
9	Α.	Yes.
10	Q.	Okay. let's talk about that, the age of
11	the body.	
12		You said here today that the body could
13	have been there	for several weeks; is that right?
14	Α.	Yes.
15	Q.	And that the upper part of the body was
16	more decomposed	than the lower half because the upper
17	part was expose	d to the air; is that correct?
18	Α.	Correct.
19	Ω.	I think you noted that there was very
20	little insect a	ctivity upon the body itself?
21	A	That's right.
22	Q.	Is it conceivable that this body could
23	have been at th	at location for two weeks or less, given

the decomposition of the body?

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Α.

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are going on at the same time.

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And you only saw the body there when it

Yes.

decomposition rate; is that correct?

Yes.

was at your office in San Bernardino.

You didn't go out to the site, did you?

And the advanced decomposition of the

Well, decomposition is a separate process

So tears into the body by animals would

upper half, part of that, your impression was that due to

from animal activity, but the animal activity would allow

decomposition to occur faster so it's two processes that

have basically exposed the body to increased dehydration

Which that would increase the

rate perhaps or allow more body fluids to escape?

the animal activity upon the body itself; is that

No, I did not. I only saw the body at the coroner's facility.

MR. KENNEDY: Very well. Pass the

THE COURT: Re-direct?

MR. KANE: Nothing further.

witness.

1	:	THE COURT: Next witness, please.			
2		MR. KANE: Michele Hamilton.			
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4		MICHELE HAMILTON,			
5	called as a wi	tness herein, was sworn by the clerk of the			
6	court, was exa	mined and testified as follows:			
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8					
9		EXAMINATION			
10	BY MR. KANE:				
11	, Q.	Ma'am would you please state your name and			
12	spell your last name for us?				
13	Α.	Michele Hamilton, H-a-m-i-l-t-o-n.			
14	Q.	Ms. Hamilton, who was Eric Hamilton?			
15	Α.	My brother.			
16	Q.	In November of 1998, do you know where			
17	Eric was livin	g?			
18	Α.	Yes, with me.			
19	Q.	And did he come to Las Vegas at some			
20	point?				
21	Α.	Yes, he did.			
22	Q.	When was that?			
23	Α.	Beginning of November, end of October,			
24	something like				
25	Q.	And what did he bring with him when he			

1	came here	:?	62
2		Α.	Just himself, what he had on his back and
3	money.		
4		Q.	Do you know how much money?
5		Α.	He had a lot of money.
6		Q.	A lot could mean anything, do you know?
7		Α.	Maybe 3,000.
8		Q.	And was he coming here to stay, do you
9	know?		
10		A.	He was coming here for work, yes.
11			MR. KANE: May I approach, Your Honor?
12			THE COURT: You may.
13	BY MR. KA	NE:	
14		Q.	I want to show you what's already in
15	evidence	às St	ate's proposed exhibit 1, Ms. Hamilton.
16			Is that Eric?
17	,	A.	Yes.
18		Q.	When was the last time you talked to Eric,
19	Michele?		
20		A.	About maybe the first week in November.
21		Q •.	Was that in person or on the telephone?
22		Α.	Telephone.
23		Q.	You were back in California?
24		Α.	Yes.
25		Q.	Was there anyone else on the phone besides

1	the two of you?
2	A. No.
3	Q. And without asking what you discussed, did
4	you ever talk to him after that?
5	A. Yes. He called me twice a week.
6	Q. But after this last telephone conversation
7	did you ever see or talk to him again?
8	A. Oh, no.
9	MR. KANE: Nothing further. Tender the
10	witness.
11	THE COURT: Cross-examination.
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14	EXAMINATION
15	BY MR. KENNEDY:
16	Q. Ms. Hamilton, do you remember giving a
17	statement to the police back in November or December of
18	1998 to a Detective Thowsen?
19	A. Yes.
20	Q. Did you meet with him in person or did he
21	talk with you on the phone?
22	A. Phone.
23	Q. And do you remember telling him that the
24	last time you spoke with your brother was on November 13,
25	1998?

1	Α.	Yeah, probably that.
2	Q.	Did you call him or did he call you?
3	Α.	He called me.
4	Q.	Did he tell you where he was staying at
5	that time?	
6	A.	Yes.
7	Q.	Was it at the local hotel?
8	Α.	Yes.
9	Q.	Do you remember the name of the hotel?
10	Α.	Yes.
11	Q.	What was it?
12	Α.	Downtown.
13	Q.	The Downtown Hotel.
14		Did he tell you he was staying in that
15	hotel alone or	with someone else?
16	Α.	He didn't say, but he was registered
17	there.	
18	Q.	All right. What kind of work was he doing
19	in Las Vegas i	n November 1998?
20	Α.	Construction.
21	Q.	Construction.
22		Did he tell you that on his last phone
23	conversation w	ith you, that he had a job and was working?
24	Α.	Yeah, he told me of that maybe on the

second phone call.

1	Q.	65 Earl earlier in November?
2	Α	Right.
3	Q.	I noted from your statement you gave to
4	Detective Thow	sen that your brother had stayed at a
5	halfway house	in Long Beach; is that correct?
6	Α.	Yes.
7	Q.	Is that a half halfway house because he
8	had some subst	ance abuse problems?
9	A.	Yes.
10	Q.	Did he have a cocaine addiction?
11	Α.	Yes.
12	Q.	Do you know how long he had that problem?
13	Α.	No.
14	Q.	Were you aware in early November as to
15	whether or not	he was spending any time in the local jail
16	for any type o	f charge?
17	А.	In November?
18	Q.	Yes, in early November?
L9	Α.	No.
20	Q.	He never called you from jail and told you
21	he was in jail	for any problem?
22	Α.	No.
23	Q.	In the last phone conversation on November
24	13, did he ask	you for any money, telling you he was
25	running short	of cash or anything of that type?

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1		Α.	66 No.
2			I still had a lot of his money in our
3	safe. He	had a	a lot of money. He had a Versatell account
4	which came	to r	my house, statements, and he still had
5	money.		
6		Q.	So there was still money in the account
7	after his	body	was discovered, I take it?
8		Α.	Um-hum.
9		Q.	Is that a yes, for the record?
10		A.	Yes.
11		Q.	Nor the Court reporter.
12			MR. KENNEDY: Pass the witness. Thank
13	you.		
14			THE COURT: Re-direct?
15	,	•	
16			
17			EXAMINATION
18	BY MR. KAN	E:	
19		Q.	In addition to telling he was working here
20	did he tel	l you	who he was working for?
21		Α.	No. He didn't say the name, but he told
22	me he	descr	ibed them.
23		Q.	Did he tell you the type of work he was
24	doing?	••	

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Yeah, he said building some type of - - I

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(Discussion off the record.) THE COURT: Ladies and Gentlemen we will take our typical afternoon recess. 21 (Whereupon the Court admonished the jury.) (Brief recess taken.). 23

been kind enough to stipulate this witness may be

MR. CHRISTIANSEN:

courtroom following her testimony.

excepted from the Exclusionary Rule and may remain in the

MR. KENNEDY: That is correct.

Correct.

THE COURT: You may remain, if you so

Counsel approach the bench, please.

THE COURT: The continuation of C159915, State versus John Joseph Seka. Let the record reflect

desire.



1	the	presence	of	the	Defendant,	his	counsel,	Mr.
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Christiansen and Mr. Kennedy, and Mr. Kane and Mr. Fattig

The record will further reflect that the jury is absent.

Mr. Christiansen, you wanted to make a record, I believe.

MR. CHRISTIANSEN: Please, Your Honor.

During the testimony, I believe it was the re-direct testimony of David Welch, the individual the State called to testify about DNA evidence and was received as an expert by the Court and did so testify, he was asked the question by Mr. Fattig, something to the extent of or to the effect of 'Didn't the defense have an ability to re-test some of these things that you have done and that there's still sufficient samples of?"; to which I objected.

We approached the bench. The Court said my objection was timely and would allow me the opportunity to expand on it outside the presence of the jury.

The impropriety of that question is, it is a burden-shifting question. The defense has no obligation to do anything and the State cannot at any point during the trial imply or elicit testimony from

witnesses that would tell the jury that the defense had to do something or should have done something, especially in light of the fact of this witness who has never - - who was never given to us on an expert written notice as required by statute until the day of opening arguments, I believe that's the correct time frame.

I had one of his reports earlier in the year and I freely admitted to that, but at no point was I notified that Mr. Welch was going to take the witness stand and testify as an expert in DNA pursuant to the statute that requires us to get a CV and a 21-day notification.

So it's improper in two respects: One, is that it's a burden-shifting question and answer and the State simply can't do that.

Two, it's exacerbated by the fact, we, in fact, were not given an opportunity to call an expert to go and look at this stuff, because I didn't know an expert was hitting the stand until we started the trial.

That places us in a dubious position of now having to look at the jury and say - - and explain why we didn't call a witness or have a DNA expert of our own.

We didn't, quite frankly, because I didn't have the notice of expert witness. I have a lady, Nora



I've contacted her in this case. She can't help me because she's booked up. She can't get here and doesn't want to be in a position of having to look at things and testify the next day and risk perhaps her reputation. She would like to do some of her own testing.

On that basis I'd like to move for a mistrial.

I have a second basis, Your Honor. It came out in the testimony of Mr. Welch that all of the samples for six differenct tests that he conducted have been used up, essentially destroyed, so that no defense expert could ever look at them under any circumstances whatsoever.

That spoilation or destruction of evidence is improper. I wish I could remember the name of the case.

MR. KANE: It's Loud Hawk.

THE COURT: What is the case?

MR. KANE: Loud Hawk.

MR. CHRISTIANSEN: The government or the State has now admitted in testimony that there is no ability for the defense to conduct tests on these items that the State intentionally, although not maliciously, I

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don't believe, but it intentionally destroyed the evidence or used all of it up, for lack of a better term.

Gail.

It's a similar situation in the civil context when a company does this and at the end of the case they are entitled to a Wet 'N Wild instruction which says that, presumptively, "Ladies and Gentlemen, you have to presume that if this evidence was preserved it would be adverse to the party who destroyed it intentionally."

THE COURT: On that issue, I think it's rather important to make a distinction between using it up and destroying it.

Did this witness testify that there was residue, there was sufficient samples for additional testing and he destroyed it or he used it all in his tests?

> MR. CHRISTIANSEN: The second one.

He used all of it up, I don't know how many total tests he did, but six of all of his tests. think there were 14 or 15 done.

Six of those he used the entire sample that was retained by the crime scene analysts, for example, the swabs from blood at the back of the truck. All three of those have been used up in their entirety.

Is that not tantamount to a THE COURT: circumstance to where you would have a limited amount of Under those circumstance would it not be admissible?

MR. CHRISTIANSEN: Judge, quite frankly, it may not be admissible or I think as the witness testified what they do now is they call up the DA's office and say "I'm going to test this, I would may use it all. You might to get a defense person down here to test this and take a look."

He did not do that back then. He said the process has been ongoing to get more fair as they have gone in doing DNA over the years and their testing has become better, but with this particular evidence it simply is gone, for all intents and purposes.

I can't test it or have a DNA test done to it to see whether it is the purported victim in the back of his truck.

THE COURT: Response, Mr. Kane?

MR. KANE: Your Honor, first, as to the mistrial motion, if I could take theme in reverse order.

The motion for mistrial, as I understand it, is based on the fact that the defense only just found out that this stuff was used up and so it couldn't be re-tested.

Counsel has admitted having since at least March of 2000 the first of the two laboratory reports.

And if you look at that one there were seven items that were tested.

Four of them had sufficient sample remaining for re-testing. Three of them which are all three swabs from the Toyota pickup truck identified Eric Hamilton indicate no in the column is there sufficient material in the re-test?

My point is if the defense wanted to re-test this issue, the government supposedly destroying evidence that they had a right to re-test, that doesn't require an expert witness notification. That only requires disclosure.

They have had that disclosure for close to a year. If that was an issue they wanted to raise, they were clearly entitled to do it.

As far as the motion based on the question to Mr. Welch about whether there's material left or not and it could have been re-tested by the defense, I believe that it was an inadvertent comment in the sense that it was not meant the shift the burden to the defense.

That can be cured by an instruction, either a specific instruction, if that's what the defense

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wants or the general standard instruction that tells the jury that the burden never shifts to the defense.

We're certainly not going to argue in our closing argument that the defense had any burden to do anything and then failed to do it.

It was a single question and I believe it was invited fair comment. I stopped counting after the first three or four.

My guess is there were about eight questions that were asked to Mr. Welch on cross-examination by the defense that all amounted, more or less, to "Isn't it a fact, doctor or Mr. Welch, that if he or somebody else wanted to re-test this stuff we can't do that because there's none of it left?" Isn't that what happened?"

I think when do you that over and over and over and over again, that the counter to that question "Aren't there a lot of these samples where there is plenty left", that if him or somebody else wanted to test them they could do so.

I think that's a fair question.

THE COURT: Your response"

MR. CHRISTIANSEN: Briefly, judge.

I admit that I have had one or both of Mr.

Welch's reports in a timely fashion. However, I don't

know under any circumstances where I would retain a DNA
expert when I have not received notice that this
gentleman was going to be offered as an expert and I
would have to then rebut his testimony.

So I think that's putting the cart before the horse. The State has admitted it did not comport with the statutory requirements and that's the box that I'm placed in.

Now, five of the six items that I'm referring to, judge, that are no longer available to be tested are, as I see it, all of the tests where the blood is identified of the two victims in the two vehicles.

There's the three swabs from the pickup truck that Mr. Welch offered testimony, those are the blood of Eric Hamilton, the African American male found just south of town under the lattice-type structure of boards and two items collected by Randy McPhail from the rear of the '98 Dodge van that are identified as Peter Limanni's blood and he's the gentleman found just over the border in California.

All of that is gone and that is the most Mperative evidence in this case that the State intends to try to box Mr. Seka in, because his argument is going to go he was the only one with access to these vehicles and the only one that knew both of these victims.

1	Now we're in a spot where we can have no
2	opportunity to look at this evidence from an independent
3	standpoint. And, you know, to be quite candid, to raise
4	it before I know the guy is going to testify is
5	impossible. I would have no reason to do so.
6	We would request the limiting instruction,
7	if the Court denies the mistrial motion on the question
8	asked by Mr. Fattig, and as to the items that have been
9	identified as the blood of the two victims and the
10	various vans, it's a spoilation of evidence.
11	If the Court would like us to do some
12	research to see the appropriate remedy, I'm happy to do
13	that over the weekend and get you some case law on it.
14	I think Mr. Kane probably knows the cases
15	off the top of his head, but I, quite candidly, don't.
16	THE COURT: Is there any demonstration of
17	a destruction of any samples that would have been
18	available for your testing.
19	MR. CHRISTIANSEN: They used all the

THE COURT: Right.

That's not really spoilation. It's utilization. It's not the willful destruction of evidence.

> MR. CHRISTIANSEN: I would say it's

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sample up.

1	77 willful, but not malicious. It's intentional they use it
2	all up.
3	
	They are not doing it necessarily or
4	my contention is that they I'm not saying they did it
5	on purpose so we wouldn't have it. I'm saying they did
6	it on purpose and now we don't have it and that's the
7	situation we're in.
8	MR. KANE: One further issue on the
9	government's issue of good faith. I think Mr. Welch's
10	testimony is now clear that technology has now advanced
11	to the point where you use a lot less of the sample so
12	today they can preserve a lot of things they couldn't
13	back then.
14	There's absolutely no evidence that he
15	deliberately destroyed anything or that anything was
16	consumed except in the process of testing, using the best
17	technology that existed at the time.
18	THE COURT: Thank you, gentlemen.
19	As you know, counsel, I indicated at the
20	bench when you approached that I was going to allow the
21	State to proceed and not strike the question asked by Mr.
22	Fattig.
23	My thinking at that time is my thinking
24	now and that is simply this: We've spent quite a lot of
25	time here today on this DNA question. It is an important

question in this case as far as I can determine.

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The doctor or the chemist had been challenged in a number of ways and so it is of some import. My thinking at the time that you approached was that clearly the defense counsel's questions of the chemist, Mr. Welch or however you care to characterize his title, left definite inferences that somehow, if we just had had an opportunity to test this, somehow his examination would be discredited and his findings would be invalidated in some fashion.

I think after that clear inference is made that Mr. Fattig was in his rights to make a counter-assertion to the question he asked. I think that's basically fair.

Now, I agree with Mr. Christiansen that there should not be a shifting of the burden here, but I think in the context of what we find here in this case this afternoon, a shift in the burden has not occurred.

Now, as to the other issue, I'm afraid I don't subscribe to the theory that lack of notice of an expert being called, which we have to concede here was not properly done through, as Mr. Kane says, inadvertence and there's no reason to believe otherwise, but there was no notice given, per se, that an expert would be called in this instance.

But I don't think that fact necessarily justifies or suggests that DNA testing would not be pursued or inquiry would not be made as to whether or not there was additional amounts of blood or DNA material to be tested.

I think it's more likely, candidly, that defense counsel had no reason to believe that the Metro's testing was inaccurate or that there would be any advantage to testing that material.

Now, that's just my offhand assumption and I realize that's all it is.

I don't think one necessarily means the other. Once the report was received last March, almost a year ago, of the results of the DNA testing, I think if there was any bonafide reason to challenge it counsel might well have inquired at that juncture "Is there more material to test, at least," and that certainly would beg the question "By the way, are you going to call an expert?"

That's not the defense's responsibility to ask if you're going to call an expert., But I think if there was a legitimate concern about the DNA testing, that that would have prompted the question "Is there sufficient material for us to have our tests run?"

I say that in all candor. By this I'm not

1	80 in any way chastising defense counsel. I just frankly
2	think it was going to pay off.
3	I'm not expecting them to admit that on
4	the record one way or the other.
5	Anything else to be said in the matter?
6	MR. CHRISTIANSEN: No, sir.
7	MR. KANE: No, Your Honor.
8	THE COURT: Mr. Bailiff, please.
9	(Whereupon, the bailiff brought the jury
10	to the courtroom.)
11	THE COURT: Will counsel stipulate all
12	members of the jury are present and properly seated?
13	MR. KENNEDY: Yes, Your Honor.
14	MR. KANE: Yes.
15	THE COURT: Your first witness, after our
16	break?
17	MR. KANE: Takeo Kato, Your Honor.
18	
19	TAKEO KATO,
20	called as a witness herein, was sworn by the clerk of the
21	court, was examined and testified as follows:
22	THE COURT: Speak into the microphone.
23	Keep your voice up.
24	
25	

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BY MR. KANE:

Q. Sir, please state your name and spell your first and last name for the record.

EXAMINATION

- A. The first name is Takeo, last name is Kato, K-a-t-o.
- Q. Mr. Kato, I want to talk to you about9 1998.
- At that time did you know a person named

 11 Peter Limanni?
- 12 A. Yes.
- Q. How and where did you first meet Mr.
- 14 Limanni?
- A. He was my - he had office right next to my office.
- Q. Where was that, sir?
- A. It was in Santa Monica, in California.
- Q. Eventually did you enter into a business arrangement with Mr. Limanni here in Las Vegas?
- 21 A. Yes, I did.
- Q. When was that?
- A. It was, I would say, '98.
- Q. And what type of business was it?
- A. It was air conditioning replacement or

1	82 some kind of the air conditioning business actually.
2	Q. And roughly were you 50/50 partners or was
3	there some other arrangement?
4	A. Are you talking moneywise?
5	Q. Yes.
6	In terms of the money that the business
7	would make would you both share 50/50 or was there some
8	other kind of arrangement?
9	A. In the beginning, it was 50/50 and we
10	changed it later.
11	Q. In terms of the money that was put into
12	the business did you put in equal shares?
13	Did you put in more?
14	Did he put in more?
15	A. It was 50/50. Actually, it was 51 and
16	that was him and 49 is mine.
17	Q. And how much money did you yourself put
18	into that business from the time you got started until
19	the time it ceased operation?
20	A. Are you talking about cash?
21	Q. Yes, cash money that you had to put into
22	the business.
23	A. It was about 35 to 40.
24	Q. How much if you know did Mr. Limanni put
25	in?

1		Α.	None.
2		Q.	Was his investment, are you familiar with
3	the term	sweat	equity?
4		Α.	Um-hum.
5	:	Q.	Where you basically earn your equity by
6	the work	you d	o in the business?
7		A.	Yes.
8		Q.	Was that Mr. Limanni's way of putting
9	value into	o the	business?
10		Α.	No.
11		Q.	What did he put into the business then?
12		Α.	He was he had a license to do the
13	business,	so ti	nat's the
14		Q.	So that was his contribution?
15		Α.	Yes.
16		Q.	Did the business do well when it started?
17		Α.	No, actually not.
18		Q.	So right from the beginning it didn't do
19	very well?	?	
20		Α.	Yes. It was before summer so it didn't
21	happen, ar	nythir	ng, so I stayed Four months.
22		Q.	By the Fall of 1998 had you decided to
23	terminate	your	business relationship with Mr. Limanni?
24		A . ,	Actually, that was the beginning of the
25	summer.		

1	Q.	84 So way back at beginning of the summer you
2		get out of things.
	were crying to	•
3		There was a lease here in Las Vegas; was
4	there not?	
5	A.	Yes.
б	Q.	And you were trying to get out from being
7	the guarantor	of that lease; is that correct?
8	Α.	Yes.
9	Q.	Now in November 1998 were you made aware
10	that Mr. Liman	ni had gone missing?
11	Α.	Yes.
12	٥.	And how did you find that out?
13	Α.	1999 or
14	Q.	1998, or in November of 1998?
15	À.	Okay. I called, then I don't recall too
16	much, but I th	ink I spoke to a landlord out at the office
17	and he said he	's missing.
18	Q.	Were you eventually contacted by the
19	police?	
20	Α.	Yes. Actually, I think that was FBI.
21	Q -	But do you remember being contacted by
22	police officia	ls here in Las Vegas?
23	A.	Yes.
24	Q.	Do you remember that at some point you

found a written list and mailed it to the police



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- A. I don't quite understand.
- MR. KANE: May I approach, judge?
- 4 THE COURT: You may.
- 5 BY MR. KANE:
- Q. I want to show you what has been marked for purposes of identification as State's proposed exhibit 20. Do you recognize that?

Α.

Q. Is that your name and forwarding address

I don't recall.

- 11 up at the top?
- 12 A. Yes, it is.
- Q. Is that the address that you had back in the Fall of 1998?
- 15 A. Yes, it is.
- Q. Would you take a look at the contents of this envelope and tell me if you recognize that?
- 18 A. Yes, I do.
- Q. What is that?
- A. This is the list of to-do lists I found
 after I went to office. Peter was gone and nobody was
 there, except him, and then I found this one and then I
 think I sent or give to the police.
- I don't recall.
- Q. Let me take you through it.

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-		MUR WIMNESS. A brown superior
1	;	THE WITNESS: A brown sweater.
2		THE COURT: The record will so reflect.
3	BY MR. KANE:	
4	Q.	And after you found that at 1933 Western
5	you furnished	it to the police either in person or by
6	mail?	
7	Α.	I don't recall, but yes, I did.
8	Q.	But somehow you got it into the hands of
9	the police?	
10	Α.	Yes.
11	Q.	After you heard that Peter Limanni had
12	gone missing d	id you ever talk to or hear from Peter
13	Limanni again?	
14	Α.	No.
15	`Q.	You're aware that Mr. Limanni is deceased;
16	are you not?	
17	Α.	I'm sorry?
18	Q.	You're aware that Mr. Limanni is deceased
19	now, he's dead	?
20	A.	Yeah.
21	Q.	Do you know anything about how that
22	happened?	
23	Α.	No, I don't.
24	Q.	Did you have anything to do with it?

No, I don't.

25

Α.

1	88 MR. KANE: Nothing further. Tender the
2	witness.
3	THE COURT: Cross-examination.
4	
5	
6	EXAMINATION
7	BY MR. KENNEDY:
8	Q. Mr. Kato, do you remember having a
9	conversation on the telephone with Detective Thowsen in
10	December 1998?
11	A. Yes, I did. Yes, I do, but I don't know.
12	I don't recall the conversation, but he
13	did call me.
14	Q. I'll ask you a few details.
15	Do you remember telling Detective Thowsen
16	that you had another partner named K-a-z T+o+e ?
17	A. Yes.
18	Q. And that you and Mr. Toe had invested a
19	hundred thousand dollars in Mr. Limanni's air
20	conditioning business?
21	A. A hundred thousand don't know I
22	don't know if it was a hundred thousand, but total could
23	be, yes.
24	Q. You told us you invested approximately up
25	to \$40,000 in cash; is that right?

1	1	A.	Yes.
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- Q. And you also leased several vans and a truck; is that correct?
 - A. Yes, the Toyota, yes.
- Q. Was there any equipment that you purchased or leased as well?
 - A. Yes, we did.
 - Q. So the hundred thousand dollar total investment sounds about right?
 - A. Yes. More than a hundred thousand.
 - Q. So you and Mr. Toe invested all this money and gave it to Mr. Limanni to start this business here in Las Vegas; is that correct?
 - A. Um, yes. In the beginning it wasn't a hundred thousand, but the overall, yes.
 - Q. Overall investment?
 - A. Yes.
 - Q. Now, you told us on direct examination that the business - I want to make sure I understood you correctly - the business started to fail in the summer of '98; was that right?
 - A. No.
 - Actually, the business - right after we started I stayed there for about three months, stayed with Peter Limanni.

	((m.) (<u>-1)</u>			(jeu	;	
_		_					90
1		I	felt it's	not for	m À	business	type, so I
2	just e	ven bef	ore start	summer	I ju	st left,	because we
3	had kind of	f bad r	elationsh	ip.			
4	,	Q. Yo	u and Mr.	Limanni	had	a bad	
5	relationsh:	ip?					•
6	1	A. I	would say	he	I fo	und out 1	he is using
7	companies r	money u	sing for	personal	ly,	so I dida	n't like
8	it. It's a	a compa	ny, so I	didn't l	ike	it.	
9		So	I told h	i.m .			
10	(Q. He	was usin	g compan	y mo	ney for p	personal
11	reasons?						
12	1	A. Exa	actly, fo	r person	al u	ses. I t	told him
13	couple time	es, but	he didn'	t fix it	. A	nd also h	ne felt
14	something f	for me,	I think.				
15	Ì	Q, You	ı feel he	didn't	like	you as w	vell?
16	2	A. Ki	nd of, I	guess.			
17	·	Q. Was	s your pa	rtner Ka	z To	e, was he	here in
18	Las Vegas v	with you	1?				
19	P	A. He	was here	, but he	just	t left be	ecause he
20	got to go h	back to	L. A				
21	Ç	2. Bac	ck to L.	A.?			
22	A	. Н е	was goin	g to com	e, bu	ıt couldn	ı't make
23	it.			•			

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had a meeting with Mr. Limanni where you told him you

Q. Do you remember in October '98 that you



wan	ted	your	money	back?
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- A. I'm sorry, when?
- Q. In October '98 that you had a meeting with Mr. Limanni, you told him you wanted your investment back, you wanted to be paid back all the money and effort you put into this?
 - A. Yes, that was right before I left. So it's October already. I didn't have a contract, but that was like three months after I agree, both of us.
 - Q. So I'm clear, it was October that you had a conversation with Mr. Limanni and you told him that you wanted your investment back, that you wanted to get out of this business; is that correct?
 - A. I think - it's not October, no. It was before the summer.

I don't recall the month, but before the summer.

- Q. Okay.
- A. October, I wanted the money back by October.
 - Q. Do you remember coming to Las Vegas in October and maybe the end of October and taking back one of the vans, one of the vans that you had leased back to California?
 - A. Yes. I don't recall the date, but I did

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Q. Why did take that van back?

- A. Because that was under - everything under my name, so he didn't pay the lease, so I found out, and also the insurance is under my name, so I kind of, you know, worry about it, so I just took it.
 - Q. Did you have intentions of coming back to Las Vegas to take the other vehicles back to California?
 - A. No, I didn't, actually.
 - Q. You were just going to take one back?
- A. Just one, because he needed two more, you know, keep doing the business, so I left the two, but I kept the one.
- Q. Now, there were three vans and one truck; is that correct?
 - A. Three van, yes.
- Q. You were the one who leased all four vehicles; is that correct?
- A. Actually, yes.
 - Q. Did you have your own set of keys for all four of those vehicles?
 - A. No, I don't.
- Q. They were all here with Sinergi here in Las Vegas?
- 25 A. Yes.

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	Q. Do you remember Mr. Limanni trying to get
2	you to become involved in his cigar business?
3	He wanted to open up a cigar shop?
4	A. Yes, I remember. Actually he came to
5	I met him both of them. I met him in Santa Monica.
6	Q. And did you decide that you would invest
7	in the cigar business or you didn't want anything to do
8	with it?
9	A. No. I didn't say no, but I didn't think
10	so,
11	Q. Do you recall telling that you told
12	the police that Mr. Limanni boasted or told how he could
13	get new identification and become a new person with fals
14	ID?
15	Do you remember telling the police that?
16	A. Yes.
17	Q. Mr. Limanni told you that, that he could
18	become a new person?
19	A. Like he can get because I am from
20	Japan I do need Green Card. He knows about those things
21	and he actually told me about that.
22	Q. Okay. Did he tell you as well that you
23	could become a new person and obtain new credit, new
2.4	anadit with banks?

Yes, he did. Can I ask you something?

1	94 Q. I get to ask all the questions. That's
2	the purpose of his whole system.
3	A. He did ask me, but the reason I say yes,
4	because because I didn't want him to leave the
5	business, just leave everything and I'm in trouble, so I
6	say I wanted to do some Visa things or Green Card things
7	and then I can contact him all the time.
8	Q. You didn't want him to abandon the Sinergi
9	business or just leave it, because you had all your money
10	invested in it; is that correct?
11	A. Yes.
12	Q. I'm going to show what you has been marked
13	may I approach the witness?
14	THE COURT: You may.
15	BY MR. KENNEDY:
16	Q as Plaintiff's as Defendant's
17	proposed G. Have you seen that document before?
18	A. Yes.
19	Q. And what is that?
20	A. This is the ~ - I can't read it.

Q.

A. Actually, this is my partner. Kaz did it.

Go ahead and read it to yourself.

Q. Is that your signature at the bottom?

Yes, I do remember.

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1	: A.	95 Yes, I agreed to sign it.
2		So your partner wrote the letter, but you
		_ "
3	signed off on	
4		Yes, I did.
5	Q.	Did you read the letter before you signed
6	it?	
7	Α.	Yes, I did.
8	Q.	Is that a copy of that letter?
9	Α.	I think so.
10		MR. KENNEDY: Your Honor at this time we
11	move for the a	dmission of Defendant's G.
12		MR. KANE: No objection.
13		THE COURT: So admitted.
14	BY MR. KENNEDY	:
15	Q.	You wrote a letter to Michael Cerda of
16	Nevada Propert	ies?
17	Α.	I don't remember.
18	Q.	Do you remember Michael Cerda who was the
19	landlord at of	fice at 1933 Western?
20	Α.	Landowner?
21	Q.	One of the representatives of Nevada
22	Properties.	
23	А.	I don't recall his name.
24	~ Q.	And did you write in this letter that you
25	wanted to get	out of the lease on 1933 Western?

		A.	
1	A.	Yes.	5
	· A.		
2	Q.	And did you also put in this letter th	ıat
3	you felt that	you had been misled or betrayed by Pete	2 r
4	Limanni?		
5	Α.	I don't know.	
6	Q.	Just read the second paragraph to	
7	yourself.		
8	Α.	What was the question?	
9	Q.	The question is did you feel that you	had
10	been misled o	betrayed by Peter Limanni?	
11	A.	Well, um, that time, yes, I did, but n	low I
12	feel it was a	business thing so, now you feel like 50	/50.
13	Q.	You feel like 50/50 what?	
14	А.	Like it was my fault also.	
15	Q.	All right. But it was your money and	your
16	investment in	this business; is that correct?	
17	Α.	Yes.	
18	Q.	In fact, you were one of the guarantor	s on
19	1933 Western;	is that right?	
2 O		In other words, you guaranteed the lea	se?
21	Α.	Yes.	
22	Q.	Is it true, Mr. Kato, that in January	1999
	you had to fill	o a Chanter 7 hankrunteu?	

Α.

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MR. KENNEDY: If I may approach the

Yes, I did.

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THE COURT: You may.

BY MR. KENNEDY:

Q. Let me show you what has been marked as Defendant's proposed exhibit I. This document appears to be from the Bankruptcy Court in the Central District of California.

Is that your name on the filing for Chapter 7 bankruptcy?

A. Yes.

MR. KENNEDY: At this time move for admission of Defendant's proposed exhibit I.

MR. KANE: No objection.

THE COURT: Received. Thank you.

BY MR. KENNEDY:

- Q. Mr. Kato, in January 1999, just two to three months after you last saw Mr. Limanni, you had to file for Chapter 7 bankruptcy; is that right?
- A. Yes, actually, but I was - that was the process to finish that day, but I was doing for about three months.
- Q. In this bankruptcy you had certain debts that you had incurred, including the leases on the vehicles for Sinergi; is that right?
 - A. Yes, I did.

1	Q.	98 Did you list the lease that you had with -
7	_	
2	- at 1933 Wes	tern as an asset in your bankruptcy estate
3	in order to ge	t off of that lease?
4	Α.	I think so. I don't recall, but I think
5	so.	
6	Q.	But you were a guarantor on that lease; is
7	that correct?	
8	Α.	Yes, but I think I was talking to I
9	think I did, y	eah. I don't recall too much.
10	Q.	So things got really bad for you,
11	financially, t	owards the end of 1998; is that right?
12	Α.	Yes.
13	Q.	Your friend, Kaz Toe, did he leave
14	when did he le	ave for Japan?
15	`	Did he ever go back to Japan?
16	Α.	Both of them, yes, both of us.
17	Q.	When did you go to Japan, in 1998?
18	Α.	1998, I think end of December or
19	something.	
20	Q.	The end of December.
21		Obviously you came back to the United
22	States; is tha	t right?
23	Α.	Yes.
24		Actually, back and forth. I do business
25	over there, to	o.

1	99 Q. Did Kaz come back immediately from Japan?
2	A. No. After, I think, four months, five
3	months.
4	Q. Then he came back in 1999, later on?
5	A. Yes. I was that was March.
6	Q. And Kaz, did he also have money in this
7	venture to set up the air conditioning business here?
8	A. Actually, I did have the company called
9	Tak Trading. The company invested, so he was my partner,
10	silent partner.
11	Q. He was a silent partner in your company,
12	is that yes, for the record?
13	A. Yes.
14	Q. The money that you had you told us you
15	had around \$40,000 to invest in the Sinergi business.
16	Is that money you had saved up or was that
17	from another source?
18	A. No. It's save up. Also no, I lend it
19	from friends in Japan.
20	Q. You borrowed money from your friends in
21	Japan to further this business here in the United States;
22	is that right?
23	A. Yes.
24	Q. And when this business fell through, the
25	Sinergi business, did you still have to pay back your

1	friends in Japa	an for the money you borrowed?
2	Α.	Yes. I'm still doing that.
3	Q.	You're still doing that?
4	Α.	Yes.
5	Q.	Do you pay them something every month?
6	Α.	Every month.
7	۵.	Were your friends upset over the loss of
8	this money bac	c in 1998?
9	A.	Oh, no. Just pay them back so it's
10	nothing.	
11	Q.	They are fine with everything?
12	A.	Yes.
13	Q.	Do you recall when the last time you
14	may have been a	sked this on direct, I just want to
15	clarify it	do you remember when the last time it was
16	that you spoke	with Peter Limanni, either by telephone or
17	in person?	
18	Α.	I don't recall the date, but I do
19	remember.	
20	Q.	Would it have been the time you came to

21

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23

to start another business very similar to this in Lake

Don't recall, but very close. It was

Were you aware that Mr. Limanni was trying

Las Vegas and took the van back or was it after that?

right before or right after.

1	Tahoe	?
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A. I don't recall if he told me, but I kind of knew it.

- O. You kind of knew it?
- A. Because, um, I think we got some call or we found a paper or something. I don't remember, but I kind of knew he is opening, I think, some cigar business.

8 Maybe he told me, I don't recall, but I
9 kind of knew.

Q. Were you aware that he had entered into a lease for some office property in September 1998 in Lake Tahoe?

Did he tell you about that?

- A. I don't know if he told me, but I do - I did know, but I don't know how. I don't recall why.
- Q. Was it your understanding that if he had opened this office in Lake Tahoe that you were to receive some of the profits from that business?
 - A. No.
 - Q. That was his separate business?
- A. I think so, but from that business, but personally he supposed to give me back, but from that business. I don't know.
- Q. So I'm clear, you and your friend Kaz, you're providing the backup, the money, the vehicles,

1	102 whatever is needed to get this business going here called	
2	Sinergi and you expect some profits in return; is that	
3	right?	
4	A. In the beginning, yes, yeah.	
5	Q. And so if Mr. Limanni was forming another	
6	Sinergi office in Lake Tahoe would you expect business	
7	there, profits from that?	
8	A. I didn't know it was Sinergi business in	
9	Tahoe. I thought it was I would imagine it was	
10	cigarette business.	
11	Q. You were never told they were going to	
12	open up a heating business in Lake Tahoe?	
13	A. No.	
14	Q. You you were never told that?	
15	A. No. First time I know.	
16	Q. Sinergi, was that heating and air	
17	conditioning?	
18	A. I think so, yes.	
19	Q. Were you aware he took one of your vans up	
20	to Lake Tahoe and left it there for a period of time?	
21	A. I don't recall when, but I knew.	
22	Q. Did that upset you that one of your vans	
23	was up there?	
24	A. Of course.	
25	 Because that van should have been used for 	

1	103 the business here in Las Vegas; is that right?
2	A. Yes.
3	Q. Of course, you thought Tahoe was going to
4	be a cigar shop business; is that right?
5	A. What's that?
6	Q. You thought Lake Tahoe was just going to
7	be a cigar shop business?
8	A. Yes.
9	I think one time at the Santa Monica
10	meeting he was on the way to Tahoe. He say he going to
11	meet somebody over there. I could imagine he was going
12	to have some business of there.
13	MR. KENNEDY: Pass the witness.
14	THE COURT: Re-direct?
15	MR. KANE: Just two things.
16	
17	RE-EXAMINATION
18	BY MR. KANE:
19	Q. In November of 1998 when Peter went
2 0	missing, where was
21	A. '99 or '98?
22	Q. '98. Where was Kaz Toe at that time?
23	A. He was I'm sorry, when?
24	Q. In November 1998 at time when Peter went
25	missing.

1	A. I think he was either here or	104 Japan. Both
2	of us left same day to Japan, so if you tell	me exact
3	day.	
4	Q. But you both continued to tra-	vel back and
5	forth?	
6	A. After that.	
7	Q. After the end of 1998?	
8	A. Well, yes, we stay there six i	months and he
9	stayed four-month and come back.	
10	Q. And the Santa Monica meeting t	where Mr.
11	Limanni met with you and was pitching his smo	oke shop, I
12	thought you said "I met with both of them."	
13	Did I hear you right?	
14	A. Yes.	
15	Q. Who was both of them?	
16	A. It was Jack and also Peter Lin	nanni.
17	Q. Were you told at that meeting	what was
18	going to be the business arrangement in this	smoke shop
19	between Jack and Peter?	
20	A. I'm sorry?	
21	Q. Did they tell you at the meet:	ing what was
22	going to be the business arrangement, were the	ney going to
23	be 50/50 partners, boss and employee?	
24	A. With me or with	
25	Q. With each other?	

1	A.	105 With each other mean Peter and I?
_	1	
2	Q.	No.
3	Α.	Peter and Jack?
4	Q.	Let me try and make it plain.
5		They wanted you to give them money so they
6	could start a	smoke shop, correct?
7	A.	Actually they looking for another partner.
8	Q.	Leave you out of it.
9		Did you understand that Jack and Peter
10	were going to	be partners in this smoke shop or that one
11	would work for	the other one, or was it discussed?
12	A.	It was not discussed. I didn't even know.
13	Q.	But they both came over to Santa Monica to
14	meet with you	and talk to you about it?
15	Α.	Yes.
16		MR. KANE: Nothing further Your Honor.
17		THE COURT: Re-cross.
18		MR. KENNEDY: No re-cross.
19		THE COURT: Thank you, sir. You're
20	excused.	
21		Next witness, please.
22		MR. KANE: Ken Wolf.
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EXAMINATION

court, was examined and testified as follows:

KENNETH WOLF,

called as a witness herein, was sworn by the clerk of the

BY MR. FATTIG:

- Q. Sir, could you please state your name and spell your last name for the record?
 - Kenneth Wolf, W-o-1-f.
 - How are you employed?
- I'm a detective with the San Bernardino County Sheriff's Department.
 - Q. Are you assigned to a specific detail?
 - Yes, I am. Α.
 - What is that?
- I'm assigned to the Sheriff's Department Homicide Bureau.
 - Q. How long have you been a police officer?
 - Α. Been a police officer for 21 years.
 - How long have you been in homicide? Q.
 - Eight years. Α.
 - On December 23, 1998 were you on duty that Q.

day?

1	107 A. Yes, I was.
2	Q. Did have occasion to learn of the
3	discovery of a body near Nipton, California?
4	A. Yes.
5	Q. What time of day did you learn of that?
6	A. On that day I got called approximately
7	9:00 o'clock in the morning for a callout out into the
8	Mountain Pass community, one mile east of interstate 15
9	off of Nipton Road regarding a dead body.
LO	Q. Where were you at when you got the call?
11	A. I was in San Bernardino.
L 2	Q. Is that where your normal office is at?
L3	A. Yes. The Sheriff's Department has its
14	homicide unit out of downtown San Bernardino.
L5	Q. What did you do after you got word of
16	that?
L7	A. I was assigned to the case with other
18	detectives to roll out of San Bernardino and we responded
19	from there to the scene.
20	Q. How long of a drive was it from San
21	Bernardino up to where the body was at?
22	A. I know I arrived at about 1:40 p.m., by
2 3	the time we got there.

It was several hours?

Q.

Yes.

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1	108 Q. When you - could you describe where
2	exactly the scene is at?
3	A. Yes.
4	The scene or the gravesite which was
5	reported is approximately a mile east of interstate 15
6	off of Nipton Road.
7	The gravesite is approximately 21 feet
8	south of the south edge of the roadway in a dirt area.
9	In this dirt area there are two berms and the body was
10	found between these two berms facing down in a partial
11	grave.
12	Q. How close is Nipton Road to the Nevada
13	border?
14	A. I would say between six and 10 miles, I
15	believe.
16	Q. When you got on the scene what was going
17	on?
18	A. When I got on scene a patrol deputy from
19	the Baker station was on scene. He had secured the
20	scene.
21	He informed myself and other detectives
22	and forensic specialists, Jeffrey Smink who is from our
23	crime lab, informed us of the person who found the body.

information?

Q.

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What did you do after you got that

(<u>4</u>)	Carrier Carrie
; A.	109 After I obtained the information that
Peter Borden ha	nd found that body earlier in the morning,
I then started	my crime scene investigation.
Q.	What did that entail?
A.	That entailed photographing the scene,
collecting the	evidence, trying to find out who this
person was, ma)	king an area search also.
Q.	Did you do that in conjunction with Jeff
Smink?	
A.	Yes.
	MR. FATTIG: May I approach the witness,
Your Honor?	

14 BY MR. FATTIG:

Q. I'm going to show you a series of photographs that have been marked State's proposed 65 through 69.

THE COURT: Yes.

If you could just look through those first and tell me if you recognize them.

- A. Yes, I do.
- Q. And what do they show?
- A. These are pictures that depict the gravesite along with the body location of the crime scene.
 - Q. Do they fairly and accurately depict the

-	-	_	

gravesite	and	the	location	when	you	arrived	that	,
afternoon?)							

A. Yes.

(<u>....</u>

MR. FATTIG: Move to admit photos 65 through 69.

MR. KENNEDY: No objection.

THE COURT: They are received. Thank you.

BY MR. FATTIG:

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- Q. If you could, Detective Wolf, starting with 65, could you look at the photo and describe what is shown, reading the number on the back of it?
- A. Number 65 depicts the berms from the roadway looking in a southeasterly direction.

Number 66 is another color photograph which depicts the body looking in a westerly direction.

Number 69 is a color photograph of the body. This photograph shows the skull and what appear to be two gunshot wounds to the skull area of the victim.

Number 68 is another photograph of the victim lying in the dirt facing down. His left arm is pointing in a northerly direction and his left arm is to his side and there is animal activity to the body.

Photograph number 67 depicts the gravesite looking in a northerly direction.

Q. Could you generally describe the placement

	111
1	of how the body was in the gravesite?
2	A. Yes.
3	The victim was face down.
4	He was partially buried from the
5	bottom of the legs down was buried. His left arm was
6	extended out, away from his body, as I indicated,
7	pointing in a northerly direction.
8	His right arm was down to his side. His
9	right hand was partially buried.
LO	On the other side of the berm there was
L1	what appeared to be two tire marks or two tire
L2	impressions, not in detail, that we could find detail
L 3	tire tread marks, but it appeared as if a vehicle had
.4	driven away from the body in a westerly direction.
Ļ 5	Q. What was the general condition of those
L6	tire tracks?
L 7	A. Very poor. There was no detail to the
8.	tire treads. All you could do is measure wheel base and
L9	you could just indicate that there was a vehicle there.
20	Q. Could you generally describe the condition
21	of the body you saw?
22	A. The body was badly decomposed with animal
ŀ	I and the state of

 ${\tt Q.}$ Could you describe the general location,

activity to the head and to the torso area.

what it looked like out there?

23

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			A.	This	area	is	a	very	de:	solate	are	ea in	the
!	part	of	our	county.	It's	s pa	art	of	the	Mounta	ain	Pass	
	commu	ınit	ty.										

It's very desolate, no homes.

There is a mine out in this area going toward Nipton Road. The railroad is the nearest industry in this area.

There is a couple of mines out in there, but I did not see any other homes. So it's pretty desolate.

- Q. Were you there when the body was actually removed fully from the ground?
 - A. Yes, I was.

The coroner arrived sometime after 1:30 p.m. and the coroner, what we refer to in homicide as a body roll, where the body is actually moved very carefully, methodically, as to not lose any trace evidence.

I was present when that occurred.

- Q. Was the body wearing any clothes that you
- A. The only clothing or article of clothing that the body had was a pair of boxer shorts with the brand Joe Boxer.
 - Q. Did the body have any jewelry or any rings

saw?

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- A. I did not note any.
- However, I did not attend the autopsy, but from the prima facia I could not determine that the victim was wearing earrings, rings, jewelry.
 - Q. Was there any ID on the body at all?
- A. There was no identification on the body or around the body.
- Q. Was identification of, eventually obtained on the body?
- A. The only identifiable item or things that I could tell the body had was two tatoos, one on the right arm and the other on the other arm. There was a tatoo of vulture on one arm, I believe it was the right, and there was another tatoo on his left arm of an eagle.

The fingerprints that forensic specialist Jeffrey Smink was able to obtain was I believe from the right hand. We submitted those latent fingerprints to the sheriff's crime lab.

- Q. Did you eventually get word back as to who those linked up to?
 - A. Yes.
 - Q. After you got that what did you do?
- A. The fingerprints were submitted on the 23rd, on that same day, to our lab and on the 24th I got

1	a phone call from our sheriff's crime lab indicating they
2	had made a positive identification.
3	Q. And what did you do after you received
4	that information?
5	A. I forwarded the information to the agency
6	where the victim was our victim who we had listed as
7	a John Doe 33 - 98, we had him identified as Peter Paul
8	Limanni out of the Las Vegas area.
9	Q. At a certain point in time did you contact
10	the Las Vegas Metropolitan Police Department?
11	A. Yes, I did.
12	Q. When did you do that?
13	A. That was on December 28.
14	I called the Las Vegas Metro Homicide and
15	spoke to Detectives Jim Buczek and Tom Thowsen and I told
16	them that their fingerprint showed a match on their case
17	Number 98111600443.
18	MR. FATTIG: May I approach the witness?
19	THE COURT: You may.
20	BY MR. FATTIG:
21	Q. Directing your attention to Exhibit 65,
22	can you describe specifically what that photo shows?
23	A. This one shows the dirt berm next to the
24	gravesite.

And is the body visible in that

Q.

1	photograph?
2	A. No, it's not.
3	Q. And is that fair to say that that's the
4	view from the road?
5	A. Yes, it is.
6	MR. FATTIG: Nothing further at this time.
7	THE COURT: Cross-examination.
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11	EXAMINATION
12	BY MR. KENNEDY:
13	Q. Did your investigation reveal that the
14	individual you identified as Mr. Limanni had an address
15	in Santa Monica, California or in Beverly Hills?
L6	A. No.
L7	Once we found out that the fingerprints
L 8	came back to Mr. Limanni and that Las Vegas Metro had a
19	case that they were working, we then decided that they
20	were going to go ahead and take the investigation after.
21	Q. So no further background work was done
2	because it was another jurisdiction's case; that is fair
!3	to say?
4	A. That's fair, yes.
:5	Q. The body itself, you when you arrived

1	at the site was the body still partially buried in the
2	ground?
3	A. Yes.
4	Q. And I believe in your report you the
5	indications, at least to the naked eye, was the body was
6	180 to 200 pounds; is that about right?
7	A. Estimating, yes.
8	Q. Did the body itself even in its decomposed
9	state look somewhat large?
10	A. Yes. The body as it breaks down it starts
11	appearing and giving out an appearance to be much more
12	heavier.
13	MR. KENNEDY: Pass the witness.
14	THE COURT: Anything further?
15	MR. FATTIG: No.
16	THE COURT: Thank you, very much. You're
17	excused.
18	THE WITNESS: Thank you, Your Honor.
L9	MR. KANE: Your Honor, we have no more
20	witnesses, but I do have a stipulation of expected
21	testimony in connection with the testimony of this
22	witness.
23	We had intended to call Rick H-o-u-l-e who
24	is an ID technician with the San Bernardino County
25	Sheriff's Department.

1	117 It has been stipulated that, if he were
2	called as a witness, he would testify that as an ID
3	technician with the San Bernardino County Sheriff's
4	Department he examined the fingerprint recovered from the
5	scene by Jeff Smink and positively matched it to the
6	known right thumb print of Peter Limanni.
7	MR. KENNEDY: That is the stipulation we
8	agreed to, yes.
9	THE COURT: Thank you.
10	Counsel then concede that we would excuse
11	the jury at this juncture?
12	MR. KANE: Yes, Your Honor.
13	We have no other witness that could be
14	accommodated in the time remaining.
1 5	MR. KENNEDY: No objection, Your Honor.
16	THE COURT: We will remain. There's some
17	matters we need to discuss.
18	
19	(Whereupon, the Court admonished the
20	jury.)
21	
22	THE COURT: Thank you for your
23	accommodation to my schedule. We will begin Tuesday
24	as you probably know, Monday is a holiday. We will begin

Tuesday at 1:00 o'clock. It's a long weekend.

24

1	I hope you will keep in mind the
2	admonition. It's vitally important.
3	Have a nice weekend. We'll see you back
4	here Tuesday,
5	We will remain in session.
6	(Whereupon, jury exited the courtroom.)
7	THE COURT: Let the record reflect the
8	jury has exited the courtroom.
9	Now, your last statement, you have other
10	witnesses, they are just not scheduled today; is that
11	right?
12	MR. KANE: That's correct.
13	We had planned to call Randy McPhail. He
14	processed 1933 Western and a couple of other crime
15	scenes. We have all his evidence and we've got it
16	marked.
17	If we started with him, we wouldn't
18	scratch the surface.
19	THE COURT: Is he your last witness you're
20	going to call.
21	MR. KANE: No, judge we have probably half
22	a dozen witnesses, just about all police officers. I
23	think we can easily be finished on Wednesday.
24	THE COURT: All right.
25	MR. KANE: That's the case in chief.

1	THE COURT: Right. All right then. We
2	will stand adjourned. I'll see you Tuesday.
3	MR. KANE: Thank you.
4	MR. CHRISTIANSEN: Thank you, Your Honor.
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9	(4:30 p.m.)
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22	ATTEST that this is a true and complete transcript of the proceedings held, DATED this 18th day of February 2001.
23	
24	J. A. D'AMATO CCR #017
25	