

MR. SMITH: Good morning, Your Honor.

## MR. SMITH: Thank you.

7 Q. Good morning, Ms. Herman.
8 A. Good morning.
9 Q. Ms. Herman, when we broke yesterday we were talking about the IRMS database that you were provided. Correct?

11 A. That's correct.
12 Q. And you acknowledged to us that in the copy you were had missing months in their data?

## A. I don't recall, no.

Q. If we could look at the morning transcript, page 60, line 13 to page 61, line 15 .

Ms. Herman, this is a section from your testimony back in Trial 1.5. And your answer to question was, "We were aware that there was electronic data missing from that database, yes."
"Question" --

## A. I'm sorry, sir. What line are we on?

Q. Looking at the top of the page, I'm sorry. "We were aware that there was electronic data missing from that database, yes."
"Question: And what was the nature and scope of the missing data?"
"Answer: The database that we received then was consistent with the database that I have available today."
"Question: Describe some of the aspects that -- or to the extent that you know so far, that there is missing data."
"Answer: There are numerous agencies that have months of missing information. One of the first steps that we are going through is to determine whether or not there were periods of time where agencies didn't post transactions, or in fact we need to turn to hard copy records.
"So the first step we took was to identify the months where there were no transactions. And as I mentioned, we're now searching for the transaction registers for those agencies so
electronic postings."
"Question: When you say transaction registers, you're talking about paper form records?"
"Answer: Yes. It's a paper report that was printed
out contemporaneously."
"Question: And how many of those have you found to date?"
"Answer: As I mentioned, we have not gone out to OTR yet. We're anticipated to go out there" --

THE COURT: Is there a question today?
MR. SMITH: Excuse me?
THE COURT: Is there a question today?
MR. SMITH: Yes, Your Honor.
THE COURT: What's the question today?
BY MR. SMITH:
Q. Do you recall testifying to this Court -- and in fact, if
you go to line 10, the Court asked, "How many are missing?" Do you see that, line 10 at the bottom of the page?
A. Yes, I do.
Q. And the answer, "I can only tell you the number that have no transactions, Your Honor. I believe there is approximately

40 percent of the agencies have at least one month missing
within the integrated records management system." Do you see that?

THE COURT: Mr. Smith, you could have gotten to that --
since you're refreshing her recollection, you could have gotten to that by pointing at the bottom of the page instead of reading the whole page.

MR. SMITH: You're right, Your Honor. I apologize.
BY MR. SMITH:
Q. Was that your testimony back in 2003?
A. Yes, that's what it reads.
Q. And on top of that, as you indicated yesterday --

THE COURT: Well, and therefore what? Is it still missing? Have you done anything in the last three years to close the gaps? Have you fixed it, or is that still the case? That's the question I thought you were going to ask. BY MR. SMITH:
Q. So when you were provided the database, 40 percent of the agencies had months of missing data, based on this testimony.

MR. QUINN: Objection, Your Honor. Asked and answered.
THE COURT: No, I don't think so. He's trying to ask the question I want him to ask.

MR. SMITH: Okay.
BY MR. SMITH:
Q. Is that right?
A. As I mentioned, we've restored over 275,000 transactions to date. I don't know how many specific agency months still have no transactions within them.
Q. So at this point you can't tell us how many of those
 for which you had missing months?
A. We've requested them all. We have not yet received them

9 all.
A. No, I do not.

16 Q. Now, let's go a step further. Because you mentioned

21 Q. There were agencies -- when you got that database, you had question. that.

14 A. I've been trying to fill in the gaps in the electronic data,

21 Q. I'm sorry, paper data to fill in the gaps in the electronic
22 data?
23 A. As I mentioned, we've requested transaction registers for
24 all of the gaps from February of ' 85 forward, to the extent that
A. As I mentioned, we worked through this on a regional basis,
Q. Right. But the database that you had, that you were provided, did not have information for every agency as of 1985 ?
A. That's because every agency hadn't yet converted to IRMS in 1985.
Q. Have you been able to locate paper records for every agency for which you did not have information as of 1985 ?
looking back to the paper data that would have come previous to
Q. So you can't tell us today how many of those agencies you've located the paper records for?
A. That wasn't the goal of my work in the past two years, no.
Q. I'm sorry, it wasn't the goal of your work? not in the paper data.
Q. Okay. But you don't have the information today to tell us how many of those agencies for which you have found that paper data?
A. I haven't been looking for paper data prior to February of '85. the agency had already converted to IRMS.
Q. But you have that information available, and you can at some point in time provide that to us, is that correct, what agencies for which you have found paper ledgers to fill in those gaps?

## A. I could provide that information, yes.

Q. Okay. Thank you.

So you're certainly not telling us that the electronic database that you received from -- is it from OHTA, you received it from?
A. We received it from OST.
Q. OST, okay. The electronic database that you received from OST in 2001 was certainly not a complete record of the transactions after 1985. Is that correct?
A. No, it was not.
Q. Ms. Herman, yesterday we were looking at a document, it's Bates stamp number 10-20-1, which is the IRMS database analysis prepared by Arthur Andersen. Do you recall that document?
A. Yes, I do.
Q. And were you at Arthur Andersen when this was prepared?
A. Yes, I was.
Q. Okay. I want to just point to two sections of that. And I apologize because we did not get the complete record.

So if you could look at page five of that document, and focus in on the highlighted section under "Data availability." It says, "Gaps in the data at the beginning of the system, as well as within the lifetime of the system, have limited some of

09:45:15 25
the analyses Andersen has performed. See attachment 1, schedule A-3."

Now, the document we were provided has no attachments.
Would you have a copy of this document?
A. I don't know if we have a copy of that document. We weren't
able to take all of the documents we created while at Andersen with us when we moved to KPMG.
Q. But after you left Arthur Andersen, did you receive the Arthur Andersen files? Were you provided those?
A. As I mentioned, we did not receive all of the Andersen files.
Q. I understand you're willing to come back perhaps next week, after we've had a chance to review the 1,500 pages that were provided over the weekend. Is that your understanding?
A. That's correct.
Q. Can you look to see if you can find the attachments for this document, as well?
A. I will.
Q. And if you could look at also on page seven of that document, and focus in on the highlighted section on the top of the page. It says, "Six regions, Albuquerque, Anadarko, Eastern, Minneapolis, Navajo, and Sacramento, have at least one month with no available transactional data. There are 75,734 accounts potentially affected by these gaps in information.

These accounts had one or more transactions before and after the

14 Q. When you were working at Arthur Andersen, did you ever look

So again, there's an attachment to this document that apparently describes what this transactional data is. Can you look to see if you can find that, as well?
A. And is this a part of the same report?
Q. Part of the same report.

## analysis. Do you recall that?

A. Yes, I do.
Q. And if we could look at page 70 of that document. That's
actually the Bates stamp number 82, I'm sorry.
And focus in on the highlighted section on the top of
the page. It says, "Additionally, erroneous IIM balances were
transferred from manual ledger cards and entered into the computer system, thereby making it very difficult to locate the errors." And there's a footnote reference to 239. And could you focus on the footnote reference? It's a reference to an Arthur Andersen report dated 1988.

Are you familiar with that report?
A. No, I'm not. at the reports prepared by Arthur Andersen regarding the IIM Trust?
A. I did see some reports while I was there, yes.
Q. If you could go back to the highlighted section, please. Based on your review of this database, did you discover that in
Q. And you say you haven't gotten to that part of the test.

What is that test that you're going to do?

## A. Once we're looking from paper into electronic, that

beginning balance will have to be evaluated.
Q. Okay. And have you determined yet whether you have paper records for all of those accounts that appear on the IIM system that existed prior to 1985?
A. As I mentioned, we've been focused on filling in the gaps in the electronic ledger, and are not going back to paper yet.
Q. Do you have any idea how long it would take to try to identify those paper records for all of those accounts?
A. Not as I sit here, no.
Q. Are we talking about a matter of probably years? Is that fair?
A. I can't answer that question today.
Q. Is it fair to say you can't answer it because you really at this point don't know how many of those paper records you have, or how long it's going to take to find them?
A. Sir, our firm isn't charged with searching for those
records, and it's very dependent upon the number of people that you have searching as to how long it would take to locate records.
Q. So you're dependent on another contractor, over which you basically have no control. Is that correct?
A. I'm sorry?
Q. You're dependent for those paper records on another contractor?
A. Yes, that's correct.
Q. Yesterday we looked at some historical account statements that I believe you had prepared.
A. That's correct.
Q. Okay. And on all of those historical account statements,
had it been determined that there were in fact correct balances transferred to the electronic era?
A. I don't recall if the beginning of all of those statements were zero or not zero. But that's not a part of the test at the moment, as I mentioned.
Q. So that's down the road sometime?
A. I'm sorry?
Q. That's down the road sometime?
A. Yes, it is.
Q. If we could look at the May 31, 2007 plan, at page eight.

That's Bates stamp number 33-2-1. And this actually would be Bates stamp page 10, I'm sorry.

Ms. Herman, you testified that you were familiar with the historical accounting project, and testified yesterday as to pieces of it.
A. That's correct.
Q. Are you familiar with this language? And if we could focus on the highlighted language.
covering the post-1985 electronic ledger era to all 268,000
land-based account holders. Interior also plans to mail a second HSA covering the pre-1985 paper ledger era to those approximately 65,000 of the 268,000 account holders whose accounts began prior to 1985."

Ms. Herman, have you done anything to verify that 65,000 number figure?
A. We have identified some accounts that go back to paper at this point, but not all accounts that go back to paper.
Q. So you don't know whether the 65,000 number is an accurate number or not at this point?
A. I think it's, as it says, an approximate number.
Q. Is that a number that you were provided?
A. I'm sorry?
Q. I'm sorry, is that a number that you provided to OST?
A. That's a number that NORC and our firm worked on and provided to OHTA.
Q. Provided to OHTA. Okay.

The cutoff date is 1985. And can you tell me if that
65,000 number is based on accounts that existed in the electronic era on the database that you were provided as of 1985?
A. 1985 here is used as a date to indicate the electronic ledger era. So if an agency didn't start until 1988, and there
were transactions in 1985, those would be considered paper

## ledger era. Is that your question?

A. For the agencies that converted later, yes. dealing with 12 systems or 102 systems, based on the region or the agency. Is that fair?
11 A. Yes. At least 12.
12 Q. Because they deal with the IRMS database differently in each
13 region?
14 A. That's correct.
Q. And sometimes in each agency?

16 A. Occasionally, yes.
17 Q. I asked you about some of the work done by your previous to your custody?

21 A. That's a correct statement.
22 Q. That is correct?
23 A. We do not have copies of everything that was created while
24 at Andersen.
09:54:53 25 Q. If we could look at Exhibit 23-13-3.

June 20, 2002 to a Mr. Andy Kane from the Department of the Interior. And if we could look at page four, actually Bates stamp number three. And there's a letter to Mr. Kane that mentioned your name, if we could focus on that.

It says, "This letter serves as a formal request by the Department of the Interior to transfer all client documents and data in connection with the Cobell versus Norton litigation to Robert L. Brunner at KPMG, at the address below." It has
"Robert L. Brunner, care of Michelle Herman." Signed by Jeffrey Zippin. And Mr. Kane is with Arthur Andersen.

Have you seen this document before?

## A. Yes, I have.

Q. And in fact, were the Arthur Andersen records transferred to you?
A. Not all of them, no.
Q. Okay. Is there a list of what records that you did receive?
A. Sir, that was five years ago. I don't know if I have such a list, no.
Q. But the records that you did receive, are they with FTI now, or are they still at KPMG?
A. They're at FTI.
Q. Are we talking about a small box full of records, or a
fairly large number of records?
A. I don't recall, as I sit here.

## Q. Is it fair to say that some agencies didn't use the IRMS

 database at all?A. I'm not aware if every agency used the system. We have
records for over 101 agencies within the database.
Q. Now, there are different components to that database. Do you know if every agency used every component?
A. As I mentioned, I don't believe every agency used every component.
Q. And as you've noted, some agencies would continue to use paper records even though the IRMS database was in existence?
A. I'm sorry?
Q. Some agencies continued to use paper records even though there was an IRMS database?
A. Yes, that's correct.
Q. Would you agree that when you're trying to do a historical accounting, IRMS is just the starting point?
A. IRMS is the best starting point for the ' 85 through '98 period.
Q. But that's what it is; it's just a starting point. Is that fair?
A. Yes. As I mentioned, we have to restore records to that system.
Q. If we could look at Exhibit 4-2-1, please.

Do you recall attending an accounting conference with the Department of the Interior on March 18 to 20,2002 ? systems were used historically.

## 735

1 Q. One of the systems at Interior is the MMS system. Is that correct?

3 A. I believe MMS has a system, yes.
in on the highlighted language.
At that seminar -- and this is a seminar you gave. Is
7 that correct?
8 A. I was one of the participants in the seminar.
9 Q. And you describe Minerals Management Service as one of the other relevant systems. Is that correct?
11 A. That's what the caption says, yes.
12 Q. And MMS is relevant because it's the system that actually
13 collects the revenue from oil and gas and minerals. Is that
14 correct?
10:00:35 15
15
A. That's my understanding, but I have not studied the system.

16 Q. Is it also your understanding that MMS reports those
17 collections to BIA?
18 A. That's my understanding.
19 Q. And those are in turn posted on the IRMS system?
A. I'm sorry, what's posted?

21 Q. What MMS tells BIA is supposed to be posted on the --
22 A. That's correct.
23 Q. I'm sorry?
24 A. That's correct.
25 Q. So it's supposed to be posted on the IRMS system?
A. In the IIM transactional data.
Q. So essentially, BIA relies on whatever MMS tells them. Is that correct?
A. As I mentioned, that's my understanding, but I have not tested the system.
Q. Okay. You have not been tasked with testing that system?
A. No, I have not.
Q. Is it fair to say that if you want to look at collections of royalty and minerals, you've got to look at the MMS system? Is that correct?
A. Sir, I haven't studied that system, so I don't feel comfortable answering that question.
Q. But the IRMS system simply looks at what is posted, not what is collected for royalty (sic) and gas. Is that correct?
A. It's my understanding that MMS transfers all of the funds collected. But as I've said, $I$ haven't studied that system.
Q. Has it ever been suggested to you that there's a discrepancy -- I'm sorry.
A. Sorry.
Q. Has it ever been suggested to you that there may be a discrepancy between what MMS has on their system and what is reported to BIA?
A. I don't believe I've seen that.
Q. In your testimony three years ago, there's a reference to a document called the Tiger Team. Do you recall that?
A. Yes, I do.
Q. If we could look at Plaintiffs' Exhibit 607, and page two. What is the date on that document, August 1995?
A. That's correct.
Q. And if we could look at page two of that document, focus in on the highlighted section. It says that "In 1994, the
Department of Interior developed a reform plan to improve management of tribal and IIM Trust funds."

And let's go ahead and focus on page seven of that document, bottom of the page. It states that "Conditions for royalties collected by MMS on minerals leases are better in one regard, but not in another. On the one hand, internal control over the accounting for royalties collected is greatly enhanced through the MMS's automated systems and centralized functions. On the other hand, there's question as to whether sufficient assurance that the full amount due is in fact collected.
"That assurance is dependent on MMS's automated review and field audit functions, which have been criticized as being less comprehensive than they should be, not completed within reasonably acceptable times, in some cases three to six years.
"Further complaints", if we could go to the next page,
"have been registered over the accuracy of the data accompanying payments that are passed on to BIA" --

THE COURT: What happened to the cover sheet of this document Mr. Smith? What is it?

 determine whether all money that goes in to an SDA account that the account.
Q. Okay. So if there's money in the Special Deposit Accounts over the years that belongs to individual Indians, you're not charged with making sure that goes in to a specific individual Indian account?
is intended for an individual Indian makes its way in to an individual Indian's account on IRMS?
A. As I mentioned, we're mapping the transfers and reversals within those accounts, not necessarily every transaction within
A. I think we're discussing several different issues here. In the context of the accounting project, yes, we make sure that the funds get to the appropriate account.

In the account of the transaction mapping, we're looking at flows of money.

And then there's a separate project that OHTA has that's distributing remaining balances in Special Deposit

Accounts. So I think we have three different topics that we're discussing.
Q. Maybe I'm discussing a fourth possibility. Is anybody tasked with looking at all the money that goes in to the SDAs, determining which belongs to individual Indians, and then making sure that goes in to the IRMS or TFAS database?

23 A. I don't believe I understand the question.
24 Q. Sure. As we've seen, there's a lot of money that flows 10:19:29 25 through SDAs.
A. That is correct.
Q. Okay. Now, has anybody taken -- has anybody been tasked
with determining exactly how much of that money belongs to individual Indians?
A. You could compute that based on some of the work that we're doing, but it's not a specific task that's been assigned.
Q. You can compute what is actually being posted to the IIM or -- IRMS or TFAS database. Correct?
A. You can compute what's being transferred out of the accounts.
Q. Out of the SDA accounts, into the IRMS database?
A. The accounts exist within the IRMS database. It's funds
that are transferring down to other accounts or potentially out to the Tribal Trust, et cetera.
Q. Okay. And is anybody making sure that all the money belonging to individual Indians in a Special Deposit Account actually makes its way into IRMS?
A. I think we're discussing again, sir, many different issues, because not all of the money in Special Deposit Accounts is due to individuals.
Q. That's exactly right. A lot of it is. Is that fair?
A. I don't want to say what percentage is.
Q. But has anybody gone through all those funds in SDA accounts over the years, and segregated which belong to individual Indian account holders?

## A. I don't believe that that's been a specific task. But as I

 mentioned through the transaction mapping that we're doing, you can compute how much money has been transferred out to which sources.Q. You can compute what was actually posted to an IRMS account?
A. You can compute what was transferred from the Special

Deposit Account. The Special Deposit Account exists within the IRMS system.
Q. But that doesn't mean that all the individual money, Indian money in the Special Deposit Account, made it into IRMS, does it?

MR. QUINN: Objection, Your Honor. Vague. The Special Deposit Accounts aren't on IRMS. The witness just testified to that. He keeps asking questions suggesting that the Special Deposit Accounts somehow are outside the IRMS system.

MR. SMITH: I'll rephrase the question.
THE COURT: Now that that's been clarified, can the witness answer the question?

THE WITNESS: I don't recall the question.
MR. SMITH: Sure.
THE COURT: He wants to know whether you can verify
that everything in the SDAs were in fact posted to IIM accounts.
THE WITNESS: Not all of the funds in SDAs are due to
IIM accounts, Your Honor. Some of them, as we mentioned
earlier, are big deposits which would be returned to a lessee,
some of them are tribal monies that would be distributed to the
tribe. Some of them are individual monies. So you wouldn't
transfer all of the money in an SDA to individuals, because it doesn't belong to them.
accounts? Can you verify that it has been?
still have balances within them that are being distributed
today. MR. SMITH: I think it gets there.

BY MR. SMITH
Q. So if you want to look at the actual collections, you've got
to look at the SDA accounts. Is that correct?
A. Yes, you do.
Q. Because if you just look at IRMS, you're just looking at the postings?
A. I'm sorry, sir. SDAs are within the IRMS system.
Q. You're exactly right. If you're just looking at the IIM
module, you're just looking at postings, not collections?
A. I'm sorry. Again, I don't understand. The SDAs are within are posted to IIM accounts.
Q. You are just focusing on postings, not collections. Is that correct?
A. As I mentioned, I think we're confusing many different issues again. Collections are being tested through the LSA

And postings that should have happened is being evaluated through the land to dollar work.
Q. And let me try to be clear, because obviously we're going on different tracks here. As you indicated to Judge Robertson,
there is money in the SDA accounts, has been over many years, that belongs to individual Indians. Correct?
A. Yes. Some of the money in those accounts, yes.
Q. But you have not been specifically tasked with making sure
that all of that money that is in those SDA accounts actually gets transferred to an account of an individual Indian?
A. No. Well, first, you have to remember, again, not all of the money in those accounts is due to individuals. Two, there are some funds still sitting in those accounts that are being distributed --

THE COURT: We've got that, Ms. Herman. Your Honor. making sure that all of that money that is in the SDA accounts actually gets transferred to an account of an individual

THE COURT: How about all that should be posted to IIM

THE WITNESS: No, Your Honor. Some of those accounts

THE COURT: Does that answer your question, Mr. Smith? the IIM module. Some funds are posted to SDAs, and some funds work. We're looking at postings to the system in our DCV work.

So again, we're talking about many different things. THE WITNESS: I believe it's the same question again,

THE COURT: "You have not been specifically tasked with

THE WITNESS: No, the funds are still sitting there, in
some instances.
BY MR. SMITH:
Q. Do you agree that it is imperative, as part of a complete accounting, to make sure that Indian monies in SDAs get disbursed properly to individual beneficiaries?
A. The funds in the SDAs need to be disbursed. That's correct.
Q. If we could look at 4-2-216, at -- we've looked at this before. This is the seminar you gave. You were the presenter. And look at page 222 of that document. Actually, Bates stamp number 222. And focus in on the highlighted section.

It says, "While we cannot provide an account statement
to an administrative account, it is imperative to include a review of these accounts in the historical accounting. This review must include, at a minimum, all nonzero balance accounts as well as zero balance accounts with direct disbursements. A review of the latter group will provide the requisite support for payments to non-individual Indian accounts."

Is that what you're doing?
A. I'm sorry, we're providing some of this work but not all of this work.
Q. Who is providing the rest of the work, do you know?
A. OHTA is working to distribute balances that were in Special Deposit Accounts as of 2002. Balances in those accounts after 2002 are being distributed by BIA and OST.
Q. Have you reviewed all nonzero balance accounts in SDAs?
A. As I mentioned, we're not doing that work right now. OHTA has been tasked with reviewing nonzero balance accounts at 2002, and OST and BIA are reviewing nonzero balance accounts after 2002.
Q. So they're reviewing it beginning in 2002, but not prior to that time?
A. If it had a nonzero balance at 2002, the funds haven't been distributed yet
Q. So is it fair to say that nobody is looking at the SDAs -let me strike that.

Neither OST or OHTA are looking at the SDAs prior to 2002?
A. In terms of distributing balances, they would have had a zero balance. I thought that's what we were discussing.
Q. You have a lot of people working on SDAs, obviously. Who is verifying if a historical distribution from an SDA is accurate?
A. In terms of a transfer to another account within the system, that's being tested through the LSA project.
Q. And that's limited to a transfer to an account in the system. Okay

How about all the other monies in SDAs? Who's
verifying that the distributions from SDAs are accurate?
A. I'm sorry, are you discussing transfers or checks that were distributed from SDAs?
. to determine why the funds were being transferred.

6 Q. When did you request the documentation?
A. I'm sorry?

8 Q. When did you request the documentation?
A. As a component of our data validation.
Q. Have you got all the documentation you requested?

11 A. We haven't completed our work yet, so no, we have not

14 A. I would have to look at our records to tell you that. to the present, the period you're looking at.
17 A. Okay.
18 Q. Are you telling me that, for every transfer out of an SDA

22 A. No. What I said was transfers out of the IRMS system, that
23 we're requesting documentation for those.
24 Q. Transfers out of the IRMS system?
25 A. That's correct.
to an IIM account holder but to Interior, are you verifying that that money does not belong to an individual Indian?
A. If monies are transferred out of an SDA to the Tribal Trust or to another Interior account, we're requesting documentation received all the documents we've requested.
Q. How much of the documentation have you received?

15 Q. Are you telling me that -- let's limit it to the period 1985 account that doesn't go to an IIM account holder, you're

20 verifying that the transfer did not contain individual Indian
money?

10:29:47
Q. But you're not verifying that every transfer out of an SDA account goes to the right place?
A. No, we're not, through the data validation work. That's only being tested through the LSA work.
Q. So it's your understanding that the LSA work will verify
that every transfer out of an SDA account is going to the right source?
A. No, that's not what I -- if that's what I said, that's not what I intended. What I'm saying is that transfers into individual accounts from Special Deposit Accounts are being tested through the LSA project.
Q. But that has nothing to do with transfers out of the SDA to any other account, not an individual Indian's account. Is that correct?

## A. That's correct, to the extent that sometimes transfers

 happen multiple times. So if you transfer from SDA 1 to SDA 2 to SDA 3 to the individual account, all of those transfers will be evaluated.Q. Okay. So to your knowledge, nobody is verifying transfers or withdrawals from an SDA account that doesn't go into an individual Indian's account?
A. I've described all of the ways that it's being tested.

That's all I can describe for you.
Q. Okay. If we could look at Bates stamp number 3-2-1. This appears to be a section from an OHTA accountants conference,

July 22 to 23, 2003 in Albuquerque, New Mexico. Did you attend that conference?
A. I believe I did.
Q. And if we could go to Bates page seven, and focus on block 30. It says, "Leakage tests of IIM funds have IIM fund resources leaked to non-Indians inappropriately, direct disbursement from admin account to non-IIM account."

And your name is there. It says, "Medium priority.
Michelle Herman will work with Susan Hinkins to define the issue and determine next steps to resolve."

Do you see that?
A. I do.
Q. So, have you been tasked with the job of making sure that

IIM funds are not leaked to non-Indians inappropriately, and to check direct disbursements from admin accounts to non-IIM accounts?
A. As I mentioned, currently what we're testing are the transfers out of those accounts to outside of the IIM system. We're not currently testing disbursements from those accounts.
Q. So you are not currently doing what's described here?
A. We're doing part of it, not all of it.
Q. And do you know who is doing the rest of it?
A. I don't believe the decision has been made as to whether or not the rest of that test will be performed.
Q. So it may not be performed at all?
A. I can't speak for Interior.

2 Q. Has anybody suggested to you that now it's not going to be
Q. It just hasn't been done yet? all of the sampling issues.
Q. And I believe you testified yesterday that you would look at that system in order to get ownership information for your historical account statements?
A. No, that information was being used in the LSA project, not for the HSAs themselves.
Q. So for your LSA project, you would be looking toward information that is on the LRIS system?
A. That's correct.
Q. Has anybody -- are you aware of any problems with the LRIS system?
A. Yes, I am.
Q. And what types of problems are you aware of?
A. I saw instances in the work that we were performing where the total ownership didn't sum to one, for instance.
Q. Okay. So there are missing pieces of the ownership records?
A. That it was incorrectly recorded.
Q. Okay. What other problems did you notice?
A. I noticed a situation where it appeared that the land was distributed -- I'm sorry, given to the next heir, where the report didn't indicate that the person had inherited the land.
Q. Anything else?
A. Not that I can recall.
Q. Is it fair to say that not all regions or agencies have consistently used the LRIS system?
A. That's correct.
A. I do not.
Q. Do you know if there actually has been sampling involving
A. Debits just mean a reduction from the SDA. So transfers

13 have been evaluated, as I mentioned.
14 Q. But nothing specifically with respect to sampling within an
SDA account?
16 A. Of which I'm aware, no.
17 Q. Do you know how many SDA accounts are currently on the
18 electronic system?
19 A. No, but I believe it's included in our report.
$\qquad$ 20 Q. Another system that I believe you have not looked at yet --
21 well, actually, you did. You talked about land systems
22 yesterday, LRIS. Is that correct?
23 A. Yes, that's correct.
24 Q. That's the Land Record Information System?
25 A. Yes, that's correct.
Q. And what is MAD, do you know?
A. Yes, MAD was a system used by the Great Plains region to do its distributions.
Q. Okay. Were there other systems that BIA had that were used to determine distribution?
A. These are the two with which I am familiar, but I believe there were others.
Q. Were these systems consistent?
A. I didn't test the systems, sir.
Q. Do you know if anybody has tested the LRIS, IRMS, and MAD systems to determine whether the information on there is consistent?
A. There's one -- there was a study done of the LRIS system done by NORC; and two, they were tested through the sample. Because the initial distribution would have been made through the monetary system, and we were using LRIS to check the ownership.

So in that regard they were cross-checked, but only through the sample in the NORC study.
Q. And that was a very limited sample. Is that correct?
A. I'm not familiar with the total size of the sample.
Q. But FTI has not been tasked with either determining the
accuracy of the information on the LRIS system, or whether it is consistent with other systems within BIA's records. Is that

## 763

A. Only to the extent we evaluated it through the LSA project.
Q. So when you received information from the LRIS system regarding ownership, did you simply assume that information was correct?
A. To the extent that there was any inconsistency within the information, we went to outside sources to verify it.
Q. But did you actually have anybody test the information you got, to make sure it was accurate?
A. No. The information was -- the LTROs and the LRIS system was tested by NORC, as I mentioned, not by us.
Q. And I take it the folks at NORC would be the people who would have the best information regarding the testing they did on the LRIS system. Is that fair?
A. That's fair.
Q. Would you agree, Ms. Herman, that just as important as determining whether postings on LRIS and TFAS are correct, it's equally important that the postings, the money that is posted on there gets to the right person?
A. I'm sorry, LRIS and TFAS are different systems.
Q. I'm sorry. Yeah, I misspoke.

Just as important as determining whether the postings on IRMS and TFAS are correct, it's just as important to determine whether the money posted gets to the right person. Is that correct?

13 of 40 sheets
were testing through the LSA work.
Q. In your work, did you go and verify and check with the land
records, to make sure that the money got to the person who was the correct owner?
A. Through the LSA project, we were testing that the funds were
distributed to the correct owner.
Q. You were testing that the funds were in fact distributed to someone. Did you verify it with land records to make sure it went to the correct owner in every instance?
A. As I mentioned, we used the LRIS data to determine whether or not it went to the correct and land owner.
Q. And that's dependent on whether the LRIS data is correct or not. Is that correct?
A. Yes. But it's a cross-check between the distribution program that was used, as well as the LRIS records. And in some instances we had other probate records and things of that nature that were made available.
Q. You would agree, would you not, that it's important for that ownership information to be correct?
A. Yes, it is.
Q. Have you heard of anything called the TIME study?
A. I'm sorry?
Q. TIME, T-I-M-E. Have you heard of anything called the TIME study?
A. I don't believe so.

## 765

Q. Has anybody suggested to you that studies have been done showing that 20, 25 percent of the information in LRIS may be inaccurate?
A. I don't recall hearing that, no.
Q. If we could look at 50-2-1, which is another report from NORC entitled, "NORC analysis of LRIS tract history reports." Have you seen this document before?
A. I don't recall if I've seen this document.
Q. And if we could look at page eight of that document, and focus on the highlighted language. "We particularly emphasize our positive results in view of the report on the findings of the TIME project carried out by Datacom in 2000. Datacom asserts an error rate of about 30 percent in the postings." THE COURT: Mr. Smith, is this the best witness to be asking these questions? She just said she doesn't know anything about this.

MR. SMITH: Okay. I'll move on, Your Honor.
BY MR. SMITH:
Q. Is it fair to say that that information is not something you are familiar with?
A. No, I was not familiar with the TIME report.
Q. Were you actually provided a copy of the LTRO database?
A. No. We received a subset of the LRIS database for the particular account holders that had been sampled.
Q. But you've never received an actual copy of the LTRO

24 Q. And that made it very difficult for you to get the back 10:48:33 25 information on range and grazing leases. Is that correct?
A. Not our firm, no.
Q. If we could look at 15-2-1. And you have not been copied on this e-mail, but it references you. Let me ask if you're
familiar with it. It's an e-mail from Joseph Walker to Crucita
Grover, copy to Harold Corley, Fritz Scheuren, and Bert Edwards.
It says at the top, "Rob, Ryan, and Michelle came by after a meeting with Bert."

Do you see that in the first sentence?
A. I do.
Q. And then in the next paragraph, the highlighted language, it says, "They also asked about procedures on LTRO data. I gave them a copy of the e-mail whereby I responded to Bud on that same question."

And then if you go down further - I don't want to read all of this - it says, "Rob, Ryan, and Michelle are asking for a copy CD of the LTRO's database, rather than access, which was the subject of the message to Bud. However, the process would be very similar."

Did you ever get a copy of that LTRO database?
A. I didn't have a chance to read the entire e-mail, but $I$ believe this was referring to our trip to Alaska. And once we arrived in Alaska, we learned that Alaska didn't use LRIS. I believe that that's what this is specifically referring to. Q. So to the best of your knowledge, you never got a copy of
the LTRO database that you requested here?
A. As I mentioned, I believe this is referring to Alaska, and they didn't use the LRIS system.

THE COURT: So the answer is no?
THE WITNESS: Correct. There was no copy to be provided.

THE COURT: If you could just say no, we would save a
lot of time.
BY MR. SMITH:
Q. Is it fair to say that you ran into certain transactions on
the IRMS database that posed more problems than others?
A. I'm sorry, in what sense?
Q. Let's take, for instance, range leases and grazing. Was
that a particularly difficult problem in investigating?
A. It depends on the type of transaction. In earlier years the description references were less clear, and so it made them more difficult to reconcile.
Q. When we're talking earlier years, what period are we talking about? The '80s, the '70s, how early are we getting?
A. Again, it varies by region depending on the system they were using. For instance, in Great Plains in the early '80s, the descriptions were less clear that than they were in the late '80s.

[^0]A. It made it more difficult, yes.
Q. In fact, if we could look at 54-5-1. This appears to be an
e-mail from you to Steve Alcorn dated December 30, 2002, copy to
Mr. Brunner. Mr. Brunner is your partner. Is that correct?
A. He's my boss.
Q. Okay. It says, "Comments on Draft 4." Do you recall you were making comments on the plan that was being proposed at that point in time?
A. Yes, I did.
Q. And if we could look at -- it says -- let's see, go to the next page.

Here we go. Under 19 of 46, you state, last paragraph,
"We should choose a different revenue type for our example.
Grazing funds are very difficult to prove out through a review of ownership records."

What do you mean by that?
A. I don't recall, sir. I would need to look at page 19 of 46. This was in 2002.
Q. Is it fair to say that because of problems with ownership records for grazing and range, that those had to be excluded --
A. I believe what this was referring to is a picture that they were trying to draw. And what I was referring to as to why range is more challenging wasn't because of the ownership records. It was because of the transaction description.
Q. So what do you mean by "grazing funds are very difficult to
prove out through a review of ownership records"?
A. As I mentioned, I would have to see what this is referring to on page 19. But the challenge that we had in reconciling the range transactions was in the description as posted. So the description that we looked at in court the other day indicated specifically what range unit and what tract the funds were for; in earlier years the descriptions didn't include that information, which made it more challenging.
Q. And because of some of those challenges that were
experienced with ranging and grazing, at some point those transactions had to be excluded from the statistical sampling. Is that correct?
A. Not the transactions I worked on. I'm not aware if there were other transactions that were excluded.
Q. Let's look at 51-9-1. This is a NORC report entitled, "Reconciliation of the high-dollar and national sample transactions from land-based IIM accounts," dated December 28, 2004.

And you testified yesterday, you actually worked on the reconciliation of the high-dollar accounts. Is that correct?
A. That's correct.
Q. Have you seen this report before?
A. NORC has published many reports. I've seen some of them, but not all of them.
Q. If we could look at page 25 to 26 . Let's go on to the next

14 of 40 sheets
A. That's correct.

6 Q. Do you know how much FTI has been paid so far for the DCV
7 project?
8 A. No, not in total.
9 Q. Do you have an approximate number?

## A. I would guess it's in excess of $\mathbf{1 5}$ million, but I can't give

11 you an accurate number.
Q. In excess of $\$ 15$ million over a four-year period?

13 A. Sir, I would have to look at our billing records to give you
14 a precise number any external validations of the IRMS or TFAS system, are you?

17 A. No, we are not.
18 Q. And after the DCV is completed, you will still not be able

21 A. That's not a goal of the test, no.
22 Q. It's not a goal, which means you won't be able to tell us.
23 Is that correct?
24 A. I can't tell you who should have had an account. That's not 10:55:06 25 a part of our test.
Q. If we could look at Defendant's Exhibit 152-14. Do you recognize this as part of your DCV?
A. Yes, I do.
Q. And it says, "As FTI's scope of work was limited to analysis of the IRMS and TFAS and electronic data, no external
validations were performed to determine if all individual account holders have IRMS or TFAS accounts." Is that correct?

## A. Yes, that's what I stated.

Q. Do you know if anybody has been tasked with the job of determining whether all account holders have IRMS or TFAS accounts?
A. I'm not aware, no.
Q. Now, in your review, your DCV, you have added a number of account holders whose accounts were not originally on the electronic system that you were given of IRMS or TFAS. Is that correct?
A. That's correct.
Q. Do you have an idea of how many have been added?
A. No, but I believe it's included in our report.
Q. It's thousands. Is that fair?
A. I believe so, yes.
Q. And your DCV does not include a recollection (sic) of some of the things we discussed earlier. It does not reconcile MMS to IRMS?
A. No, it does not.
Q. Or Treasury to IRMS?
A. No, it does not.
Q. So at the completion of your DCV, you will not be able to
tell us what individual Indian money may have been withheld in the MMS system and didn't get posted to IRMS. Is that correct?
A. No, I will not.
Q. Even today, you can't tell us what the population of accounts or transactions is for the historical accounting, even in the electronic era, can you?
A. Not until we complete restoring the data, no.
Q. Do you have any idea when you will be completed with your project for restoring the data?
A. We're scheduled to be completed in two years.
Q. In two years?
A. That's correct.
Q. Has that schedule been postponed?
A. Not of which I'm aware.
Q. Had there originally been a schedule that it would be completed by this year?
A. I don't know if there was such a schedule.
Q. I mentioned yesterday, we've only been provided two of your reports. And one was the one you did in June 2007; and then the one you provided us dated September 30th. And then we provided the information this weekend.

And you've indicated you've had some other reports or
status reports on your study over the years. Is that correct?

3 Q. But a lot of the information that is in the June report is

5 A. I'm sorry, which June report?
6 Q. The June 12, 2007 report.
7 A. Yes, it is.
8 Q. I wanted to just point to one section of that report. If we
Q. I understand.

17 Q. And just for clarification, when you got that IRMS database,

21 Q. And the I-Tran file had six months of transactional history?
22 A. That's correct.
23 Q. And hisTran files had transactional data prior to that?
24 A. That's correct.
25 Q. So it had a more complete summary of the transactional data?
increased to $\$ 139$ billion. Is that right?
A. It appears so, yes.
A. They didn't overlap. They were separate.
Q. Okay. And you were also provided something called master
files. Is that correct?
A. That's correct.
Q. And you were provided 10 of those files?
A. That's correct.
Q. And basically, those master files give you a snapshot at a point in time as to what the balances were for all open accounts. Is that correct?
A. That's correct.
Q. It wouldn't show accounts that have been closed immediately prior to that particular snapshot?
A. It does include closed accounts, just not all closed accounts.
Q. So some closed accounts, it includes?
A. It does.
Q. Do you know why it includes some and doesn't include others?
A. I believe that the master file included the same accounts as the I-Tran file, but I haven't performed that comparison.
Q. Now, all the balance files you had were 1996 or later?
A. Electronically, yes.
Q. Electronic balance files. And when you went back -- when
you testified in 2003, you said you were going to go look for
hard copies of master files. Is that correct?
A. Yes, that's correct.
Q. And can you tell me how many hard copies of master files you've now located?
A. I cannot. But you can look to our workpapers to see that.

We have received some, but not all.
Q. Okay. So somewhere in your workpapers, I'll be able to find how many you actually got?
A. You'll see the references to different types of reports: Master files, trial balance reports, IIM statements. We used several different types of reports to find the balance information.
Q. I was talking specifically about master files. Were you able to find -- will I be able to determine how many master files you located?
A. No. The report refers to balance reports that we identified.
Q. Okay. So when you refer to the term "balance reports," you're referring to not just master files?
A. That's correct.
Q. What else are you referring to?
A. As I mentioned, trial balance reports. We've used account
statements, we've used IM-600 reports, and master files.
Q. What are IM-600 reports?
A. They list account numbers, account names, and balances.
Q. Is it fair to say that the balance files post-1996 that you
received were incomplete? Excuse me, the master files that you

## received?

A. They represented the accounts on the system at that point in
time.
Q. Okay. But the ones you received -- of those 10 you received
after 1996 that were in the electronic format, those were incomplete?
A. The files were meant to represent the accounts on the system at that point in time, which they do. But it doesn't list every account that ever existed.
Q. If we could look at Defendant's Exhibit 152-42.

THE COURT: Mr. Smith, how are you doing on time? How much longer?

MR. SMITH: I've got at least through lunch, Your
Honor.
THE COURT: At least through lunch?
MR. SMITH: Yeah.
THE COURT: I misunderestimated you. I thought I heard you winding up, but I was wrong. So we're going to take the mid-morning break.

MR. SMITH: Okay. Thank you, Your Honor.
THE COURT: Try to keep it to 10 minutes.
(Recess taken at 11:04 a.m.)
THE COURT: All right. Go ahead, Mr. Smith.
MR. SMITH: Thank you, Your Honor.
BY MR. SMITH:
Q. Ms. Herman, before we broke we were talking about your master files, or balance files. And I asked you whether the master files you received electronically were after 1996 and I asked you whether there were gaps in those files.

MR. SMITH: And if we could look at 152-66?
BY MR. SMITH:
Q. Is this a copy of your DCV, or a portion of it?
A. Yes, this is an excerpt from the table report that we provided.

24
25

21 A. That's correct.
22 Q. And did you find that, in fact, even within the data within
23 the master files, what you did get was sometimes inconsistent?
Q. If we could focus on the highlighted language toward the top. It says, "Master tables also contain account balance information for the current month end, and, in many cases, balance information for the previous six months. For the months February 1996 through March 2000, balance information is available for all but five months. Currently, no electronic information is available prior to February 1996."

Then if you go down to the bottom of the page in the footnote seven and eight, it identifies specifically which time periods and areas for which you do not have balance information. Is that correct? A. There were different fields provided in different files. Q. And what do you mean by that?

A. Within -- this information's provided in a table structure,
and there were a different number of fields within that table,
different amounts of information.
Q. And sometimes the information within those fields was not consistent?
A. I'm not sure that I'm understanding. The fields had different names.
Q. The fields had different names?
A. Yes, they did.
Q. Between balance files?
A. Yes, they did.
Q. Was the information in those different fields, other than
the name, was it consistent between balance files?
A. Yes, for the most part it was.
Q. You say "for the most part."
A. Well, there were different numbers -- different fields were
available in different files, so we didn't have the same exact fields in all the files. There's a chart in our report that shows exactly what was available per file.

MR. SMITH: If we could look at 152-101?
BY MR. SMITH:
Q. Is this a portion of your report as well?
A. Yes, it is.
Q. And if we could focus on page 104, footnote one, and this may be what you just said, but tell me if it is: "These fields
have been included in MASTER_ALL." What is MASTER_ALL?

## A. We aggregated all of the tables into one table.

Q. "Fields received in the 10 master files were inconsistent,

MASTER_ALL reflects the most common name across the 10 master
files. When data was not available for one of these field, it was updated to null."

What does that mean?
A. We left it blank so that there could be a difference between a zero and not available.
Q. Okay. I understand.

And you went through the process of comparing the master files to the data in the transactional files. Is that correct?
A. The balances in those files, yes.
Q. Now, the master file actually has individual account information. Is that correct?
A. It contains the account number, the area, the management
that the account was receiving, address data, lots of different
A. It contains the account number, the area, the management
that the account was receiving, address data, lots of different information.
Q. Now, does the master file contain balance information as of the time that master file took that picture?
A. Yes. Sometimes it includes more than one month's worth of balances.
Q. Okay. And you went through the process of comparing those
master files to the information on the transactional files?

## 1

- 



5 Q. Now, this comes out of your overall report. Is that correct?

7 A. Yes, it does.
8 Q. And it lists those accounts for which you had balance files and those for which you had no balance file. Is that correct?
A. That's correct.

11 Q. Now, in here where we're talking about balance files, are we just talking about master files or are we talking about those

13 other files that you looked for in the paper era?
14 A. I believe this includes all of the balance information that 15 we gathered.

16 Q. And roughly 20 percent had no balance file information?
17 A. Yes, that's what's in the middle section of this chart.
18 Q. That's the 92 plus the 48?
19 A. That's correct.

21 we make that a little bit bigger?
22 BY MR. SMITH:
23 Q. I believe this is a chart, perhaps you looked at yesterday,
24 where you compared the information in the balance files to the
25 transactional files. Is that correct?

## 11:26:25

 we've highlighted that, for the accounts for which you actually had balance files, you found no difference on 327,222 ?A. That would have been after restoring transactions, yes.
Q. After restoring transactions, at that point in time, you found there was no difference on that number?
A. That's correct.
Q. Is there a different place I can go to find out what the discrepancy was before you restored transactions?
A. I don't know if that's included in this report or not.
Q. Do you know what the difference was?
A. Not off the top of my head, no.
Q. Do you have a file back in - you work in Los Angeles - that would show what the differences were between the balance file and the transactional file prior to you making those changes?
A. In terms of the number of accounts, I don't know. But I could compute it.
Q. I take it there were obviously more than one here that had a difference?
A. Correct.
Q. And then it looks like you have a category that says, "no difference with calculated beginning balance." What does that mean?
A. As some of the agencies came online prior to February of ' 85 , we don't have a balance as of February of ' 85 available for those accounts, so we've had to compute a beginning balance based on an early balance file.
Q. So 35,945 had no difference with the beginning balance. Can you tell from here how many had a difference with the beginning balance?
A. I'm sorry, a difference without that beginning balance computed?
Q. Yeah.
A. These 35,945.
Q. These are the ones where the balance was consistent -- the beginning balance was consistent with the balance file?
A. These, we had to compute a beginning balance using a hard copy balance file.
Q. Okay. I understand.

And then the next column is the ones where you had one or more differences, and you found 55,436 accounts where you actually had one or more differences?
A. That's correct.

24
11:28:55 25
A. That's correct.
Q. And it says at the top, IRMS estimated difference. What do you mean by estimated difference?
A. That's the difference that we've computed between the first balance file and the transaction file at that point in time.
Q. Okay. And if you look at the totals on the bottom where
ve highighted that, for the accounts for which you actually
Q. And that's roughly, what, 13 percent of the total?
A. I haven't done that math, but yes, it looks approximately.

24 A. In some of these instances, I believe that we're simply 25 missing the beginning balance. I don't believe we're
A. That's correct.
Q. So you have nothing to compare it with?
A. That's correct.
Q. And that's where the 104,130 number comes, the accounts where you've compared it to the balance file and found a discrepancy, and the other accounts where you have nothing to compare it to?
A. If you'll look on the chart, in the column headings, "one or more difference" has a footnote of one, and the nonzero balance also has a footnote of one. That's the column that we're summing to get to that 104,000 number.
Q. And of those 55,436 accounts for which you had a balance
file, how many of those differences have been resolved today?
A. This is as of September $\mathbf{3 0}$.
Q. So there remains today 55,436 for which you have a balance
file which you haven't resolved yet?
A. That's correct.
Q. And are you going to resolve the 48,694 for which you do not have a balance file?
A. We're searching for balance files for those accounts.
Q. So is it fair to say, looking at this chart, that at least

55,436 accounts have some missing data based on the balance file?

## necessarily missing transactions within.

Q. Have you made that determination yet, how many are beginning balance errors?
A. No, I didn't say beginning balance errors, I said beginning balances that weren't available.
Q. Do you know how many of the 55,000 are beginning balances that are not available?
A. I would have to guess at that number. No, I don't know it specifically.
Q. And you do not know how many errors are in the 48,694 , which is on the right-hand side?
A. Not errors, missing data. No, I do not.
Q. Missing data. Okay.

And so are you going to go back and look through each of those transactions individually to determine whether there is missing data?
A. The first step will be to find a balance file so we can narrow down the time frame that we need to evaluate.
Q. Do you know how long you've been looking for balance files for those particular accounts?
A. Which specific accounts, sir?
Q. 48,694 .
A. As I mentioned, we worked through this on a regional basis, and as I mentioned the other day, we just recently found the Great Plains balance files approximately two weeks ago.

## Q. Okay.

THE COURT: Where did you find them?
THE WITNESS: There was microfiche available at the
Great Plains regional office, so it wasn't stored in Lenexa.
THE COURT: So what are you going to do with microfiche?

THE WITNESS: They'll be converted to images so that we can review those images.

THE COURT: You don't look at a microfiche machine anymore?

THE WITNESS: No, I don't prefer to.
BY MR. SMITH:
Q. Do you treat missing data as not an error?
A. I don't understand the question.
Q. You made a distinction between -- when I said there was an error, you said, no, it was missing data. If you have missing data, do you consider that an error?
A. I consider an error a transaction that wasn't posted correctly, not transactions that are missing from the record set.
Q. Okay. Good.

And in some of these regions, the -- I'm not going to use the word error. These missing data were fairly significant. Is that fair?
A. Yes.



BY MR. SMITH:
6 Q. This is the Navajo region; again, variations of anywhere
7 from over 100,000 to over 300,000 dollars?
8 A. That's correct.
MR. SMITH: And 152-237.

## BY MR. SMITH:

11 Q. I'm sorry, we're looking at the Portland area, and the

15 A. Yes. That's most likely a timing difference, not a data
16 problem.
17 Q. And I take it you're still working on trying to reconcile
18 these discrepancies?
19 A. The results of our work are contained in that same section of the report.
21 Q. Right. It hasn't been completed as of this point in time.
22 Is that correct?
23 A. No, it is not.
24 Q. Now, you also found inconsistencies in the balances between
25 the IM500s themselves. Is that correct?
A. I'm sorry, between the -- I don't understand.

MR. SMITH: Let's look at 152-224.
BY MR. SMITH:
Q. Focus on number four. It says, "during our work, we noticed certain discrepancies in the IM500 reports between the cash
104XX accounts balances and the liability, 206XX accounts,
balances." And then they say they prepared a comparison of the account balances?
A. This is an excerpt from CD\&L's work. We didn't compare the

104 accounts to cash accounts.
Q. So you didn't do that comparison?
A. No, that was work done by CD\&L.
Q. So you only verified the IM500, comparing the IM500 to the transactional information?
A. To the accounts in the IIM system, which are not the cash accounts.
Q. And why did you not verify this part of their report?
A. Because my concern was in filling in the gaps in the IRMS IIM system data, not in reconciling the general ledger and the detail ledger.
Q. Okay. But you have used the general ledger in your work on the DCV as well. Is that correct?
A. We've mapped transactions into the Tribal Trust accounts and used that work in the throughput analysis.
Q. Okay. But you haven't reconciled the differences in the

801

## IM500 reports?

## A. We have not evaluated the cash accounts, no.

MR. SMITH: Let's look at 152-239.
BY MR. SMITH:
Q. 1989, CD\&L identified a $\$ 22$ million variance in the IM500s.
A. This is between the -- yes, in the cash account. Most of December ' 89 was missing from the initial IRMS data. That could account for some of this variance.
Q. But you have not been tasked with reconciling that difference?
A. I don't know if this difference still exists today after we've restored the transactions. As I mentioned, it's not something that I checked.

MR. SMITH: How about 152-241?
BY MR. SMITH:
Q. It looks like there's some minor differences, and then a $\$ 300,000$ difference in 1993.
A. As I mentioned, I did not check the difference between the 104 accounts and the 206 accounts.

MR. SMITH: How about 152-244?
BY MR. SMITH:
Q. It looks like in 1987 there was a $\$ 1.9$ million difference in the IM500 in the Muskogee area. You haven't been tasked with reconciling that difference either?
A. Sir, as I stated, I did not evaluate the $\mathbf{1 0 4}$ cash accounts.


A. Not yet, no.
Q. And so you don't know how the process would be to identify
A. No, that's the total number of accounts. So if you're

5 Q. The subtotal is 159,249 ?
6 A. That's correct.
7 Q. So it's a total of 159,249 accounts that would be excluded?
8 A. Yes. But not all of those accounts would be issued a statement, regardless of when they were opened.
Q. Because?

11 A. For instance, we're not issuing statements to special
A. Yes. But the more appropriate number to look at is the $\mathbf{3 6 7}$

16 and the 435, which pertains to the judgment per cap and the
17 land-based.
18 Q. Let me ask you about judgment and per capita. Have you

20 A. I have not, no.
21 Q. Do you know if anybody is looking at judgment accounts prior
22 to 1985?
23 A. I do not.
24 Q. Have you seen any of the judgment account summaries that
25 have been prepared by Interior?
talking about accounts that wouldn't get a statement, it's the judgment per cap accounts, the 68,000, and the land-based accounts, the $\mathbf{5 1}, 767$. The 578 is the total of the entire column. deposit accounts.
Q. And the total throughput of those accounts during that period 1985 to 1994 was 3.1 billion? looked at judgment accounts prior to 1985 ?
A. The statements?
Q. Statements.
A. Yes, I have seen some of them.
Q. You have seen some. Have you reviewed any of those statements?
A. Just the format of the statements.
Q. Do you know if any of those statements involved transactions prior to 1985?
A. I do not know if they did or not.
Q. And you haven't been tasked with determining how many judgment accounts existed prior to 1985?
A. No, I have not.
Q. Let me ask you about some of your testing that was done. You described some tests yesterday. One was called a mapping test, and that's where you're trying to identify -- actually, you had three types of mapping. Right? One was a reversal mapping. Is that correct?
A. That's correct.
Q. And that's where you tried to identify a reversal and try to find the corresponding transaction?
A. That's correct
Q. And then you had what you just defined as transaction mapping?
A. Transfers? Is that what we're referring to?
Q. Right. Transfer mapping?
A. Yes. That's correct
Q. That's where you're following the transactions from account to account?
A. That's correct.
Q. But you're not verifying the information coming in?
A. Not as a component of that test, no.
Q. And as a component of that test, you're not verifying the information going out?
A. Not in that test, no.
Q. And is it fair that based on that analysis you've done so far on mapping, you've identified 378,843 potential posting errors?
A. No, that's groups of transactions that have errors. I believe the number is approximately $\mathbf{1 , 8 0 0}$ or $\mathbf{1 , 9 0 0}$.
Q. Okay. What do you mean by groups of errors?
A. So for instance, if you have an interest distribution and there are $\mathbf{1 0 0 , 0 0 0}$ postings in that interest distribution and two are wrong, there are two that were in error, but the group had 102,000 transactions.
Q. And then you identified something called mapping to

Treasury. And that's where you're taking transactions and comparing it to the CP\&R. Is that correct?
A. That's correct
Q. And what is a CP\&R?
A. The CP\&R file records the status of a check.

| 12:09:46 | 814 |  | 816 |
| :---: | :---: | :---: | :---: |
|  | Q. And who generates the CP\&R? | 1 | A. We're reporting those to OHTA. |
|  | A. Treasury does. | 2 | Q. You're reporting those, not necessarily correcting them? |
|  | Q. Is it based on information provided by Interior? | 3 | A. We're not in a position to post transactions to the system. |
|  | A. I believe the initial check information is provided by | 4 | Q. Do you know if OHTA then corrects the transactions? |
|  | Interior, and the status of the check is provided by Treasury. | 12:12:20 5 | A. OHTA reports the transactions to OST. I don't know what |
|  | Q. And you are not mapping typically to the individual check | 6 | happens as that point. |
|  | itself. Is that correct? | 7 | Q. How about in the LSA? Are you just looking within the |
|  | A. No, we are. | 8 | population or are you just looking at inside the population as |
|  | Q. In some instances, you're looking at the individual check? | 9 | well? |
| 12:10:00 $\begin{array}{r}10 \\ 1 \\ 1 \\ 1 \\ 13 \\ 14\end{array}$ | A. Yes. | 12:12:30 10 | A. Within the population. |
|  | Q. Okay. And you only have CP\&R data post 1998? | 11 | Q. So you're only looking at post-1994 ? |
|  | A. No, CP\&R starts in 1987. | 12 | A. Not post-1994 transactions only, but accounts that were open |
|  | Q. So you only have it post 1987? | 13 | then. |
|  | A. Yes, from March of $\mathbf{1 9 8 7}$ through December of 2002. | 14 | Q. And just an example, for the land-based accounts you found |
| 12:10:19 19 | Q. Do you know if anybody has been tasked with the job of | 12:12:45 15 | 42,361; is that transactions that did not roll forward, or |
|  | determining the accuracy of the CP\&Rs? | 16 | accounts? |
|  | A. I believe NORC conducted a sample of that test. | 17 | A. I believe that's accounts. |
|  | Q. In your experience, have you found discrepancies between | 18 | Q. Okay. So roughly what is that, 10 percent, nine percent? |
|  | CP\&Rs and actual check data? | 19 | A. Roughly, yes. |
| 12:10:34 20 | A. Between the physical check and CP\&R? | 12:13:03 20 | MR. SMITH: If we could look at 154-44? |
|  | Q. Uh-huh. | 21 | BY MR. SMITH: |
|  | A. I don't recall if $I$ have. | 22 | Q. Which is an exhibit you looked at yesterday regarding |
|  | Q. Has anybody suggested to you that there might be | 23 | Mr. Andersen. Do you remember this? |
|  | discrepancies between what's on the CP\&R and the actual check | 24 | A. Yes, I do. |
| 12:10:45 25 | data? | 12:13:16 25 | Q. And Mr. Anderson's account was one that popped up as part of |
| 12:11:02 | 815 |  | 817 |
|  | A. No one has suggested that to me, but there was a test done. | 1 | the roll-forward test? |
|  | Q. Yesterday you described a roll forward test. And that's | 2 | A. Yes, it is. |
|  | using the balance files. Is that correct? | 3 | Q. And there was a discrepancy of roughly $\$ 1,100$ ? |
|  | A. That's correct. | 4 | A. That's correct. |
|  | MR. SMITH: And if we could look at DX 152-279? | 12:13:29 5 | Q. And then you did some research on that. |
|  | BY MR. SMITH: | 6 | MR. SMITH: And if we could look at 154-58? |
|  | Q. And this is the roll-forward -- the results of your | 7 | BY MR. SMITH: |
|  | roll-forward test for those accounts which had balance files. | 8 | Q. And based on that, you've made an adjusting entry of \$1,100. |
|  | Is that correct? | 9 | Is that correct? |
| 12:11:25 10 | A. That's correct. | 12:13:49 10 | A. That record has not been added to the data set. That's |
|  | Q. And this is limited to in the population. Is that correct? | 11 | where I believe the transaction is missing. |
|  | A. No, the out-of-population accounts are here as well. | 12 | Q. Okay. And this should have been a check to this gentleman |
|  | Q. Okay. I see. Okay. | 13 | for \$1,100? |
|  | And again, in-the-population is post-1994? | 14 | A. It should have been a check from his account. I can't tell |
| 12:11:41 19 | A. That's correct. | 12:14:07 15 | you if it would have been made out to him or someone else. |
|  | Q. Now, are you reconciling discrepancies whether they're in | 16 | Q. But you couldn't find the check? |
|  | the population or not? | 17 | A. We don't have a check number. This is my presumption of |
|  | A. I'm sorry, reconciling in the LSA work or the data | 18 | where the data is missing. |
|  | validation work? | 19 | Q. So you found -- so you're not representing that this check |
| 12:11:54 20 | Q. How about the data validation work? | 12:14:24 20 | was actually received by this gentleman. Is that correct? |
| 21 | A. The data validation work looks at all of the electronic | 21 | A. No. What I'm saying in this schedule is that $I$ believe that |
| 22 | transactions regardless of whether or not the account was open | 22 | there's a check missing on July 1st, 1986 in that dollar amount. |
| 23 | as of '94. | 23 | Q. But you've done nothing to verify whether that check was |
| 24 | Q. So if you find discrepancies that are outside the | 24 | actually issued or received? |
| 12:12:06 25 | population, you're correcting those as well? | 12:14:40 25 | A. I'm still researching this account. That's why it's |




| \$ | $\begin{aligned} & 12: 25-824: 23 \\ & 13-719: 2,785: 24 \\ & 136.3-774: 19 \end{aligned}$ | $\begin{aligned} & 778: 5,779: 3,779: 14, \\ & 779: 16 \\ & 1997-822: 11 \end{aligned}$ | $\begin{aligned} & 793: 17 \\ & 3.1-811: 14 \\ & 30-738: 9,745: 2, \end{aligned}$ | 60-34-1-744:12 600,000-809:16 607-714:13, |
| :---: | :---: | :---: | :---: | :---: |
| \$0.58-821:11,821:14, 821:17,822:2, 822:11,822:21, 824:5, 824:6,824:13 | 14.6-803:19 | 1998-745:2 | 757:5, 765:13, 768:3, | 714:21, 737:2, 738:2 |
|  | 143-821:1 | 745:22, 814:11 | 774:4, 787:14, 819:23 | 607-7392-714:25 |
|  | 144-820:11 | 822:1, 822:4, 822:11 | 300,000-799:7 | 61-719:3 |
|  | 146-819:19 | 1999-745:2, | 30309-4530- | 6234-743:5 |
|  | 146-1-819:20 | 745:21, 799:12, | 714:18 | 65,000-730:5, |
| \$1,100-817:3, | 14th-714:13, | 822:11 | 307-0010-715:4 | 730:8, 730:11, |
| 817:8, 817:13 | 714:21 | 1st - 817:22 | 307-1104-715:9 | 730:21, 731:4 |
| \$104-745:22 | 15-719:3, 771:10 |  | 30th - 773:23 | 6511-715:12 |
| \$117.34-820:4 | 15-2-1-766:3 | 2 | 31-729:17 | 68,000-811:2 |
| \$139-775:1 | 152-774:24 | 2 | 31st-792:8 | 68.1-774:17 |
| \$14-803:12, 804:10 | 152,825-808:9 | 2-756:16, 802:10 | 32-17-1-726:22 | 68.2-774:15 |
| \$15-771:12 | 152-101-780:20 | 2,597,306-819:3 | 327,222-784:8 |  |
| \$2,000-824:12 | 152-14-772:1 | 2.7-819:4 | 33-2-1-729:18 | 7 |
| \$20-803:15, 803:16 | 152-20-774:25 | 2.9-799:12 | 333-715:12 | 7 |
| \$22-801:5 | 152-221-795:11 | 20-732:2, 733:25, | 336-714:25 | 7,300-808:10, |
| \$30-809:4 | 152-224-796:17, | 765:2, 783:16 | 34-738:8 | 808:13 |
| \$300,000-798:1,$801: 17$ | 800:2 | 2000-765:12, | 34-1-1-774:9 | 7,400-808:16 |
|  | 152-228-797:21 | 779:14, 792:8, | 35,945-785:8, | 70-727:3, 744:5 |
| \$6,234-820:1, | 152-232-798:3, | 822:11, 822:18, | 785:14, 786:8 | 700,000-819:6 |
| 820:4 | 798:12 | 822:22 | 353-807:12, 807:15 | 718-716:3 |
| $\begin{aligned} & \$ 600,000-802: 10 \\ & \$ 800,000-798: 1 \end{aligned}$ | 152-234-798:21 | 20001-715:13 | 354-3249-715:13 | 73-798:18 |
|  | 152-236-799:4 | 20005-714:14, | 355,320-792:17 | 75,734-725:23 |
| \$81-745:21 | 152-237-799:9 | 714:22, 715:4 | 367-811:15 | 786-809:17 |
|  | 152-239-801:3 | 2001-724:11, | 378,843-813:11 |  |
| ' | 152-241-801:14 | 744:13, 745:10, |  | 8 |
|  | 152-244-801:20 | 745:14, 794:3, 823:1 | 4 |  |
| $\begin{aligned} & \text { '70s }-767: 19 \\ & \text { '80s-767:19, } \\ & 767: 21,767: 23 \\ & \text { '85-723:20, 723:24, } \\ & 733: 17,785: 5 \\ & \text { '89-801:7 } \\ & \text { '94-810:16, 815:23 } \\ & \text { '97-822:6, 822:7 } \\ & \text { '98-733:17, 822:6, } \\ & 822: 7 \end{aligned}$ | 152-246-802:7 | 2002-732:2, |  | $\begin{aligned} & 80-744: 5 \\ & 81-744: 25,745: 17 \\ & 815-6450-714: 18 \\ & 82-727: 4 \\ & 824-1448-714: 14 \\ & 87-790: 5 \end{aligned}$ |
|  | 152-25-783:2 | 733:25, 740:20, | 4-714:9, 768:6 |  |
|  | 152-271-783:20 | 740:21, 752:24, | 4-2-739:17 |  |
|  | 152-272-792:2 | 752:25, 753:3, 753:5, | 4-2-1-733:23, |  |
|  | 152-276-809:7 | 753:6, 753:8, 753:13, | 739:17 |  |
|  | 152-279-815:5 | 758:9, 768:3, 768:18, | 4-2-216-752:8 |  |
|  | 152-292-810:10 | 814:14, 819:23, | 4-2-225-735:4 |  |
|  | 152-35-818:13 | 821:20 | 40-718:24, 720:22, | 9 |
|  | 152-42-778:10 | 2003-721:6, 757:1, | 721:14, 722:1 |  |
|  | 152-66-779:5 | 758:9, 758:11, 775:9, | 404-714:18 | 9-822:1 |
|  | 152-69-806:20 | 776:23, 793:9 | 42,361-816:15 | 90-744:5 |
| 1 | 154-44-816:20 | 2004-769:18 | 435-811:16 | 900-714:21 |
|  | 154-58-817:6 | 20044-715:9 | 44-744:23 | 92-783:18 |
| 1-725:1, $726: 1$,$756: 16$ | 159,249-811:5, | 2006-803:2, 803:22 | 451,875-808:20, | 94-774:14 |
|  | 811:7 | 2007-714:5, | 809:1 | 96-1285-714:3 |
| 1,500-725:13 | 16-714:5 | 729:17, 773:22, 774:6 | 46-768:12, 768:17 | 975-715:8 |
| $1,800-813: 14$$1,900-813: 14$ | 160-808:10 | 202-714:14, | 47-5-1-758:14, |  |
|  | 160,206-807:25 | 714:22, 715:4, 715:9, | 758:15 | A |
| 1.4-799:12 | 17-774:16 | 715:13 | 48-783:18 | A |
| $1.5-719: 5,798: 23$$1.8-799: 12$ | 18-733:25 | 206-801:19, 802:12 | 48,694-786:5, | A-3-725:2 |
|  | 18,000-745:1, | 206xx - 800:6 | 786:7, 786:9, 787:18, | A-4-726:1 |
| 1.9-801:22 | 745:18, 745:21 | 21-4-1-761:7 | 788:10, 788:22 | ability - 806:6 |
| 10-720:17, 720:18, | 19-768:12, 768:17, | 22-757:1 | 488-803:18 | able -722:1, 722:6, |
| 729:19, 776:5, 778:4, | 769:3 | 221-734:2 |  | 723:5, 725:6, 771:18, |
| 778:21, 781:3, 781:4, | 1985-722:18, | 222-752:10, 752:11 | 5 | $771: 22,773: 3,777: 5 \text {, }$ |
| 816:18, 824:8 | 722:22, 722:24, | 225-739:18 |  | $777: 12,790: 9,796: 7,$ |
| 10-20-1-724:15 | $\begin{aligned} & 723: 2,723: 4,723: 6 \\ & 724: 12,728: 7,730: 6, \end{aligned}$ | $226-734: 10$ $23-757: 1$ | $\begin{aligned} & 50-790: 23 \\ & 50-2-1-765: 5 \end{aligned}$ | $\begin{aligned} & \text { 798:24, 818:5 } \\ & \text { above-entitled - } \end{aligned}$ |
| 799:7, 813:17 | 730:20, 730:23, | 23-13-3-731:25 | 500-798:18 | 825:5 |
| 1001-714:24 | 730:24, 731:1, | 233-798:12 | 500s-797:11, | absolute - 774:18, |
| 101-733:4 | 743:25, 755:15, | 239-727:9 | 797:17 | 775:6 |
| 102-731:9 | 792:23, 811:14, | 24-822:18 | 503-803:17 | acceptable - 737:20 |
| 102,000-813:19 | 811:19, 811:22, | 24,000-745:1, | 51,767-811:3 | access - 766:17 |
| 104-744:25,$745: 17,780: 24$, | 812:8, 812:11 | 745:18, 745:21 | 51-9-1-769:15 | accompanying - |
|  | 1986-817:22 | 25-738:9, 765:2, | 54,000-793:4 | 737:22 |
| 800:10, 801:19, | 1987-801:22, | 769:25 | 54-5-1-768:2 | account - 726:8, |
| 801:25, 802:11 | 802:10, 814:12, | 25th - 792:8 | 55,000-788:6 | 726:13, 726:17, |
| $104,000-787: 11$ | 814:13, 814:14 | 26-769:25 | 55,436-785:21, | 729:4, 729:7, 730:3, |
| 104,130-786:2, | 1988-727:11, | 268,000-730:2, | 786:5, 786:9, 786:10, | 730:5, 742:8, 742:14, |
|  | 730:25, 799:14 | 730:5 | 786:21, 787:12, | 742:21, 742:23, |
| 104xx - 800:6 | 1989-797:25, | 27101-714:25 | 787:15, 787:22 | 743:5, 743:11, |
| 11-774:11 | 799:14, 801:5 | 275,000-721:22, | 56-2-1-803:4 | 743:15, 743:17, |
| 1100-714:17, 715:3 | 1990-797:25, | 790:20 | 578-811:3 | 746:6, 746:13, |
| 112,142,496- | 802:10 | 28-769:17 | 578,821-810:24 | 746:19, 746:20, |
| 774:17 | 1993-801:17 | 2800-714:17 | 585-0053-714:22 | 746:25, 747:2, 747:5, |
| 115-821:22 | 1994-737:6, 792:8, |  |  | 747:9, 747:12, |
| $117-820: 21$$11.04-778.22$ | 792:16, 792:24, | 3 | 6 | 747:13, 748:25, |
|  | 810:23, 811:14 |  | 6 | 749:5, 751:14, |
| $\begin{aligned} & 12-731: 9,731: 11 \\ & 761: 5,774: 6,774: 9, \\ & 793: 17 \end{aligned}$ | 1995-737:3, 738:5, | 3-756:17 | 6,234-820:20 | 751:24, 752:12, |
|  | 803:13 | 3-2-1-756:24 | 6.2-799:13 | 752:13, 753:18, |
|  | 1996-776:20, | 3-2-11-793:6, | 60-719:2 | 753:20, 754:5, |


| 754:14, 754:18, | 784:7, 784:21, 785:6, | 733:12, 760:23, | appear - 728:6, | $726: 19,727: 25,$ |
| :---: | :---: | :---: | :---: | :---: |
| 754:19, 754:22, | 785:21, 786:2, | 785:4, 799:2 | 797:8, 822:21, 822:23 | 728:4, 743:2, 752:15, |
| 755:1, 755:4, 755:19, | 786:15, 786:18, | agency - 721:23, | Appearances - | 752:16, 753:1, 753:3, |
| 756:2, 756:6, 756:13, | 786:21, 786:25 | 722:6, 722:24, 723: | 714:11 | 753:4, 753:8, 753:15, |
| 756:17, 756:20, | 787:4, 787:6, 787:12, | 723:3, 723:5, 723:25, | appeared - 760:18 | 776:20, 776:22, |
| 756:21, 757:7, | 787:20, 787:22, | 730:25, 731:10, | appropriate - | 777:8, 777:9, 777:14, |
| 759:15, 760:3, | 788:20, 788:21, | 731:15, 733:3, 733:6, | 747:12, 811:15 | 777:16, 777:20, |
| 765:24, 771:19, | 790:2, 792:7, 792:14, | 733:7, 794:10, | approximate - | 777:24, 779:2, |
| 771:24, 772:7, | 792:15, 792:16, | 794:12, 796:8, 797:4 | 730:13, 771:9 | 779:11, 779:13, |
| 772:10, 772:14, | 792:22, 793:1, 793:4, | aggregated - 781:2 | Ar-793:8 | 779:14, 779:19, |
| 777:20, 777:23, | 800:6, 800:10, | ago - 718:23, | area-781:1 | 780:10, 780:13, |
| 778:9, 779:11, | 800:15, 800:16, | 732:18, 736:24, | 797:3, 797:5, 797:23, | 781:20, 782:20, |
| 781:15, 781:17, | 800:23, 801:2, | 738:13, 739:7, 740:5, | 799:11, 801:23, | 782:21, 783:8, 783:9, |
| 781:18, 782:3, 782:4, | 801:19, 801:25, | 740:17, 788:25, | 802:10 | 783:11, 783:14, |
| 794:10, 794:11, | 802:12, 807:5, 807:8, | 796:16, 797:16, | areas - 779:19, | 783:16, 783:24, |
| 796:24, 800:8, 801:6, | 807:10, 807:12, | 807:20 | 798:14 | 784:5, 784:8, 784:19, |
| 801:8, 806:6, 807:14, | 807:16, 807:17, | agree -733:15, | arose - 770:3 | 785:2, 785:5, 785:6, |
| 809:20, 811:24, | 807:24, 808:2, $808:$ | 743:19, 752:4 | arrive - 804:10 | 785:7, 785:8, 785:10, |
| 813:2, 813:3, 815:22, | 808:10, 808:13, | 763:15, 764:18 | arrived - 766:2 | 785:11, 785:15, |
| 816:25, 817:14, | 809:12, 809:15, | agreed - 797:17 | Arthur-724:16 | 785:16, 785:17, |
| 817:25, 818:3, | 809:16, 809:19, | agreement - 820:21 | 724:18, 725:8, 725:9 | 785:18, 786:5, 786:6, |
| 820:22, 823:5 | 809:23, 810:3, | ahead-737:9, | 727:11, 727:14, | 786:15, 786:19, |
| Account-746:7 | 810:15, 810:19, | 778:23, 793:19 | 727:15, 731:18, | 786:22, 786:25, |
| 746:18, 746:21, | 810:25, 811:1, 811:2, | aid - 717:3 | 731:19, 732:11, | 787:5, 787:9, 787:12, |
| 748:16, 749:7, | 811:3, 811:7, 811:8, | aided - 715:15 | 732:14, 740:22 | 787:15, 787:19, |
| 749:10, 758:16, 759:6 | 811:12, 811:13, | al - 714:3, 714:6 | aspect - 758:1 | 787:20, 787:22, |
| accountants - | 811:19, 811:21, | Al-717:13, 823:19 | aspects - 719:15 | 787:25, 788:3, 788:4, |
| 756:25 | 812:11, 815:8, | Alaska-758:15, | asserts - 765:13 | 788:17, 788:19, |
| Accounting- | 815:12, 816:12, | 759:5, 761:1, 766:22, | assigned - 748:6 | 788:25, 790:10, |
| 810:15 | 816:14, 816:16, | 766:23, 767:2, 807:7, | associated - 770:8 | 790:23, 791:11, |
| accounting- | 816:17 | 807:19 | Associates - | 794:24, 795:4, 795:5, |
| 729:21, 733:16, | accuracy - 737:22 | Albuquerque | 726:24, 739:23, | 796:11, 802:6, |
| 733:24, 737:13, | 754:11, 754:13, | 725:21, 757:1, | 740:4, 744:16, | 802:14, 815:3, 815:8 |
| 738:5, 743:12, | 754:17, 762:23, | 793:14, 795:16 | 744:17, 803:13 | Balances - 752:24 |
| 746:10, 747:11, | 804:20, 804:22, | Alcorn-768:3 | assume - 763:3 | balances - 727:6, |
| 752:5, 752:14, 773:8, | 805:13, 805:16, | allotment - 822:12 | assurance - 737:16, | 727:20, 729:8, |
| 791:15, 792:9, | 805:17, 814:16 | alternative - 770:6 | 737:17 | 741:20, 741:21, |
| 792:23, 795:16, | accurate-730:11, | American-761:9 | Atlanta-714:18 | 744:10, 747:16, |
| 805:10, 810:18, | 740:24, 753:17, | amount -737:16, | attached - 745:15 | 750:8, 752:23, |
| 810:19 | 753:23, 754:2, 754:8, | 791:19, 817:22, | 745:16 | 753:14, 776:8, |
| Accounts-741:25, | 761:4, 763:8, 771:11, | 820:1, 821:18 | attachment - 725:1, | 777:23, 781:14, |
| 744:9, 745:1, 745:6, | 805:5, 805:6, 805:8, | amounts - 745:6, | 726:1, 726:2 | 781:23, 782:1, 782:2, |
| 746:8, 746:16, 747:6, | 805:9, 805:10, 805:21 | 745:7, 780:3 | attachments - | 782:6, 786:7, 788:5, |
| 747:17, 748:19, | acknowledged - | Anadarko-725:21, | 725:3, 725:16 | 788:6, 794:8, 794:11, |
| 749:13, 749:15, | 718:12 | 790:7, 797:23 | attend - 757:1 | 794:12, 794:14, |
| 752:24, 756:10, | Action-714:3 | analyses - 725 | attending -733:24 | 795:1, 795:3, 799:2, |
| 761:10, 808:12, | actual -750:13 | analysis -724:15, | Attorney-715:6 | 799:24, 800:6, 800:7, |
| 810:14, 810:17 | 765:25, 786:22, | 727:1, 741:19, | audience - 717:19 | 800:8 |
| accounts - 725:24, | 796:19, 802:21 | 742:20, 765:6, 772:4, | audit - 737:18, | bank - 791:15 |
| 725:25, 728:6, | 804:3, 814:19, 814:24 | 775:13, 800:24, | 744:12, 744:14, | based - 721:15, |
| $\begin{aligned} & 728: 11,730: 6,730: 9 \\ & 730: 10,730: 21, \end{aligned}$ | $\begin{aligned} & \text { added }-722: 18, \\ & 722: 23,744: 10, \end{aligned}$ | $\begin{aligned} & 802: 5,802: 13,803: \\ & 813: 10 \end{aligned}$ | $\begin{aligned} & 744: 15,804: 1,804: \\ & 804: 8 \end{aligned}$ | $\begin{aligned} & 726: 12,730: 3, \\ & 730: 21,731: 9, \end{aligned}$ |
| 734:13, 734:15, | 772:13, 772:18, | analyze - 741:18 | audited - 744:18, | 743:19, 748:5, |
| 739:25, 742:4, 742:9, | 817:10 | analyzed - 743:23, | 802:23, 802:24 | 769:17, 785:7, |
| 742:22, 744:6, | addition-770:1, | 743:25, 819:4 | auditors - 804:11 | 787:22, 792:13, |
| 745:18, 745:21, | 818:10 | Andersen-724:1 | audits -744:21, | 792:25, 797:7, 811:2, |
| 745:22, 747:4, | additional - 775:4, | 724:18, 725:1, 725:6, | 802:21, 803:1 | 811:17, 813:10, |
| 748:10, 748:11, | 796:11, 808:13, | 725:8, 725:9, 725:10, | August-737:3 | 814:3, 816:14, 817:8, |
| 748:12, 748:13, | 808:16 | 727:11, 727:14, | automated - | 819:25, 822:23 |
| 748:23, 749:22, | Additionally-727:6 | 727:15, 731:18, | 737:14, 737:17 | Based - 727:19 |
| 749:24, 750:6, 750:7, | address - 732:9, | 731:19, 731:24, | availability - 724:23 | basis -722:2, |
| 750:14, 750:23, | 781:18 | 732:11, 732:14, | available -719:14, | 726:21, 754:23, |
| 751:9, 751:11, | adjusting - 817:8 | 740:22, 816:23 | 724:1, 725:23, 734:6, | 770:23, 770:25, |
| 751:13, 751:16, | admin-757:7, | Anderson's - 816:25 | 764:17, 779:15, | 771:3, 788:23 |
| 751:17, 751:23, | 757:15 | Andy-732:2 | 779:16, 780:17, | Bates-724:15, |
| 752:14, 752:15, | administrative - | Angel-726:23, | 780:19, 781:5, 781:9, | 727:4, 729:18, |
| 752:16, 752:18, | 717:5, 717:9, 752:13, | 726:24 | 785:5, 788:5, 788:7, | 729:19, 732:3, 734:2, |
| 752:24, 753:1, 753:3, | 761:8 | Angeles-784:18, | 789:3, 791:1 | 734:10, 739:18, |
| 753:4, 754:8, 756:10, | Admitted - 716:6 | 791:2 719.5 | Avenue-715:12 | 744:23, 752:10, |
| $\begin{aligned} & 757: 15,757: 16, \\ & 757: 18,757: 19 \end{aligned}$ | $\begin{array}{r} \text { affected - 725:24, } \\ 726: 1.806: 6.808: 5 \end{array}$ | answer-719: <br> 720:20, 728:15 | average-824:9 <br> aware - 719:5 | $\begin{aligned} & 756: 24,757: 4, \\ & 75: 14 \\ & 759: 3 \end{aligned}$ |
| 758:23, 759:1, 759:5, | agencies - 718:21, | 728:16, 749:18, | 719:9, 733:3, 7411:6 | 774:11, 774:24 |
| 759:11, 759:17, | 718:24, 719:17, | 750:10, 767:4, 824:2 | 744:18, 759:16, | became - 770:3 |
| 769:17, 769:20, | 719:20, 719:24, | Answer-719:13, | 760:9, 760:12, | began - 730:6, |
| 772:7, 772:11, | 720:22, 721:15, | 719:17, 720:4, 720:8 | 769:13, 772:12, | 793:24, 794:14 |
| 772:14, 773:8, 776:9, | 722:10, 722:17, | answered - 721:16 | 773:17, 818:12 | beginning - 724:24, |
| 776:11, 776:13, | 722:21, 722:22, | answering - 736:12 |  | 728:4, 729:10, 753:6, |
| 776:14, 776:15, | 723:10, 723:17, | anticipated - 720:9 | B | 785:2, 785:6, 785:8, |
| 776:18, 778:2, 778:7, | 724:2, 731:3, 731:5, | apologize - 721:4, | B | 785:9, 785:11, |
| 782:6, 782:7, 783:8, | 733:1, 733:4, 733:9, | 724:21, 807:1 | balance - 726:17 | 785:16, 785:17, |



|  |  | ```804:25, 805:9, 805:12, 806:3, 806:10, 806:11, 806:18, 808:4, 808:12, 808:22, 808:24, 814:11, 814:19, 814:25, 815:18, 815:20, 815:21, 817:10, 817:18, 819:15 Data-724:23 database - 718:10, 719:6, 719:10, 719:13, 719:14, 721:14, 722:12, 722:18, 722:21, 723:1, 724:7, 724:10, 724:15, 726:10, 727:19, 730:22, 731:8, 731:12, 733:2, 733:4, 733:5, 733:10, 733:13, 740:19, 747:22, 748:8, 748:11, 748:12, 761:24, 765:22, 765:23, 766:1, 766:17, 766:20, 767:1, 767:11, 775:17, 805:1, 805:7, 805:20, 805:21, 806:5, 810:6 Datacom - 765:12 Date - 825:10 date - 720:7, 721:23, 722:4, 726:12, 730:20, 730:24, 737:3, 758:8, 774:13, 819:3 dated - 727:11, 732:1, 768:3, 769:17, 773:23, 822:1 David - 714:23 Dc-714:4, 714:14, 714:22, 715:4, 715:9, 715:13 Dcv-751:3, 770:20, 770:21, 771:6, 771:15, 771:18, 772:2, 772:13, 772:22, 773:3, 775:14, 779:7, 793:25, 800:22, 810:12 deal - 731:12 dealing - 731:8, 731:9 dealt - 791:14 debit - 758:16, 774:16, 774:17 debits - 759:5, 759:11 Debits - 759:5, 759:12 decade - 791:6 decades - 743:22 December - 768:3, 769:17, 792:8, 801:7, 814:14, 822:1 decided - 770:5 decision - 757:23 Defendant's - 772:1, 774:24, 778:10, 795:10, 806:19, 810:9, 819:19, 820:10, 821:1, 821:22 Defendants - 714:7, 715:1 defendants - 717:6``` |  | ```801:22, 801:24, 802:11, 803:12, 803:15, 803:16, 803:19, 804:12 differences - 782:22, 784:19, 785:21, 785:22, 787:13, 791:18, 798:7, 800:25, 801:16, 802:25, 803:23, 804:1, 804:5, 804:21, 804:23, 804:24, 823:11 different - 733:5, 734:24, 744:10, 745:7, 746:8, 747:10, 747:17, 748:18, 751:1, 751:6, 751:8, 758:24, 763:19, 768:13, 777:7, 777:9, 779:24, 780:2, 780:3, 780:7, 780:8, 780:12, 780:16, 780:17, 781:18, 782:20, 784:13, 793:18, 793:21, 819:16 differently-731:12, 771:1 difficult - 727:8, 767:14, 767:17, 767:24, 768:1, 768:14, 768:25 direct - 752:16, 757:6, 757:15 Direct-716:2 directly - 754:18, 770:20 Dirk - 714:6 disbursed - 742:4, 744:2, 752:6, 752:7 disbursement - 757:7 disbursements - 752:16, 757:15, 757:19 discover-727:19 discovered - 726:16, 727:22, 805:14 discovering - 806:11 discrepancies - 795:8, 796:5, 797:18, 797:25, 798:5, 798:14, 798:23, 799:18, 800:5, 802:1, 802:9, 805:11, 814:18, 814:24, 815:16, 815:24 discrepancy - 736:18, 736:21, 741:2, 741:7, 741:15, 741:18, 784:14, 786:21, 787:6, 817:3 discussed - 740:7, 740:10, 740:13, 746:8, 772:23, 823:16 discussing - 747:10, 747:18, 747:19, 748:18, 753:15, 753:24, 786:4 disk-717:7 distinction - 789:15 distribute - 752:23 distributed - 750:1, 750:8, 751:18, 752:25, 753:9, 753:25, 760:19, 764:6, 764:7 distributing -``` |
| :---: | :---: | :---: | :---: | :---: |


| 747:16, 753:14 | early - 767:19, | 784:3 | 732:14, 734:5, | 775:14, 775:15, |
| :---: | :---: | :---: | :---: | :---: |
| distribution - | 767:21, 785:7 | et - 714:3, 714:6, | 734:18, 737:16, | 775:23, 776:3, 776:5, |
| 753:17, 761:20, | earned - 822:19 | 734:15, 748:14, | 738:16, 741:6, | 776:7, 776:20, |
| 761:22, 762:5, | Eastern-725:22, | 761:22 | 744:20, 749:22, | 776:22, 776:24, |
| 762:15, 764:14, | 790:4 | evaluate - 744:7, | 764:7, 768:2, 779:22, | 777:1, 777:8, 777:11, |
| 813:16, 813:17 | Edwards - 766:6 | 746:14, 770:23, | 792:12, 802:18, | 777:13, 777:17, |
| distributions - | effort - 759:4, | 788:18, 801:25 | 803:12, 818:8, 822:10 | 777:21, 777:24, |
| 753:23, 762:3 | 824:14 | evaluated - 728:4, | fair - 726:16, | 777:25, 778:7, 779:2, |
| District-714:1, | efforts - 759:6 | 743:3, 744:8, 744:9, | 728:14, 728:16, | 779:3, 779:4, 779:23, |
| 714:10 | eight - 729:17, | 751:4, 756:18, | 731:7, 731:10, | 779:24, 780:10, |
| divided - 742:9 | 744:23, 765:9, 779:18 | 759:13, 763:1, | 731:18, 733:1, | 780:13, 780:17, |
| Division-715:7 | either - 762:22, | 790:12, 790:17, | 733:20, 736:8, 744:3, | 780:18, 781:3, 781:5, |
| document - 717:8, | 801:24, 808:22 | 801:2, 805:11 | 748:21, 753:10, | 781:12, 781:14, |
| 717:9, 724:14, | Electronic-776:22 | evaluating - 738:18 | 758:12, 760:23, | 781:25, 782:13, |
| 724:16, 724:22, | electronic - 719:6, | Evidence-716:8 | 762:25, 763:13, | 783:8, 783:11, |
| 725:3, 725:4, 725:5, | 719:10, 720:1, | Evidentiary - 714:8 | 763:14, 765:19, | 783:12, 783:13, |
| 725:17, 725:20, | 723:14, 723:21, | exact - 780:17 | 767:10, 768:19, | 783:24, 783:25, |
| 726:2, $727: 3,732: 1$ | 724:6, 724:10, $726: 9$, | exactly - 748:3, | 772:20, 777:24, | 784:8, 787:20, |
| 732:12, 734:3, 735:4, | 728:3, 728:9, 729:9, | 748:21, 750:19, | 787:21, 789:24, | 788:19, 788:25, |
| 736:25, 737:3, 737:5, | 730:2, 730:22, | 780:19, 805:24 | 796:4, 804:6, 804:19, | 793:21, 794:1, |
| 737:10, 737:25, | 730:24, 734:7, | examination - | 805:2, 805:20, | 794:24, 795:4, |
| 738:8, 738:12, | 734:21, 759:18, | 718:5, 743:19 | 806:17, 810:7, 813:10 | 796:11, 802:6, 815:3, |
| 739:17, 739:18, | 772:5, 772:15, 773:9, | examined - 738:12 | fairly - 732:24, | 815:8 |
| 752:10, 758:17, | 778:5, 779:15, 791:6, | example - 742:6, | 782:22, 789:23 | filing - 717:6 |
| 758:18, 758:19, | 791:10, 794:20, | 743:3, 746:17, | familiar - 727:12, | fill - 723:7, 723:14, |
| 761:7, 761:12, | 795:20, 807:9, | 768:13, 790:1, | 729:20, 729:24, | 723:21, 724:3, |
| 761:16, 765:7, 765:8 | 808:12, 808:14, | 797:20, 816:14 | 738:19, 738:21, | 795:23, 806:3, 806:7 |
| 765:9, 770:4, 770:7, | 810:6, 810:23, | examples - 727:24, | 738:22, 744:17, | filled - 796:2 |
| 793:8, 794:5, 803:6, | 815:21, 819:15 | 746:10 | 758:17, 761:14, | filling - 728:8, |
| 803:10, 806:22, | Electronically - | excerpt - 779:8, | 762:6, 762:21, | 800:18 |
| 821:24, 822:16, | 776:21 | 800:9 | 765:20, 765:21, 766:5 | final - 754:21 |
| 823:10 | electronically | excess - 771:10, | far - 719:16, 771:6, | finalized - 717:16 |
| documentation | 779:3 | 771:12 | 807:12, 808:19, | findings - 765:11 |
| 755:4, 755:6, 755:8, | Elliott-714:15 | excluded - 768:20, | 809:2, 809:4, 813:11 | fire - 823:23 |
| 755:10, 755:13, | Elouise-714:3 | 769:11, 769:14, | February- 723:19, | firm - 728:19, |
| 755:23 | emphasize - 765:10 | 792:22, 810:16, 811:7 | 723:24, 779:14, | 730:17, 739:4, 766:2, |
| documents - 725:6, | employ - 792:23 | excluding - 810:23 | 779:16, 785:4, 785:5 | 795:16, 824:6 |
| 731:19, 732:7, | employer - 731:18 | excuse - 807:21 | fee-742:12, 743:1, | first-719:18, |
| 744:20, 755:12, | encompassed - | Excuse-720:11, | 743:6, 743:9, 743:10, | 719:22, 751:15, |
| 818:16 | 810:20 | 745:9, 777:25, 795:2, | 743:12, 743:16, | 758:9, 766:9, 784:4, |
| dollar - 751:5, | end - 779:12 | 807:13 | 743:17, 820:4, 820:7, | 786:18, 788:17, |
| 769:16, 769:20, | 819:23 | Exhibit - 726:22 | 820:8, 820:16 | 793:24, 798:8 |
| 817:22, 821:17 | enhanced - 737:13 | 731:25, 733:23, | fees - 742:15, | First- 805:12 |
| dollars - 744:5, | entered-727:7, | 737:2, 738:2, 758:14, | 742:18, 742:21, | fiscal -794:9 |
| 775:7, 798:6, 798:18, | 727:21 | 772:1, 774:24, | 742:23 | five - 724:22, |
| 798:19, 799:7, 824:10 | entire - 761:5 | 778:10, 783:2, | Fees- 742:17 | 732:18, 734:3, 759:3, |
| done-721:10, | 766:21, 811:3 | 783:20, 795:11, | few - 809:20 | 779:15, 798:5, 803:9, |
| 726:12, 730:7, | entitled - 761:9, | 806:20, 810:10, | field - 737:18, 781:5 | 821:24, 823:18 |
| 731:17, 758:5, | 765:6, 769:15, | 819:19, 820:11, | fields - 779:24, | fixed - 721:11, |
| 762:13, 762:14, | 810:14, 825:5 | 821:1, 821:22 | 780:2, 780:4, 780:6, | 808:22 |
| 765:1, 785:25, 791:5, | entry - 817:8 | exhibit - 809:9, | 780:8, 780:12, | flip - 822:8 |
| 793:25, 794:3, | equally - 763:17 | 816:22 | 780:16, 780:18, | Floor- 714:13 |
| 795:23, 800:12, | era - 729:9, 730:2, | Exhibits - 716:8 | 780:25 | flows - 747:14, |
| 804:15, 807:19, | 730:4, 730:22, | exist - 748:12, | Fields- 781:3 | 747:24, 775:7 |
| 812:13, 813:10, | 730:25, 731:2, 773:9, | 804:24, 807:17 | figure - 730:8, | Focus- 800:4 |
| 815:1, 817:23 | 783:13, 808:14, | existed - 728:7, | 746:1, 804:10 | focus - 724:23, |
| Dorris - 714:16 | 809:23, 810:3, 810:23 | 730:21, 778:9, 812:11 | file - 775:18, | 725:20, 727:5, |
| down - 729:13, | erroneous - 727:6, | existence - 733:10 | 775:19, 775:20, | 727:10, 729:24, |
| 729:15, 748:13, | 727:20, 738:9 | existing - 807:8 | 775:21, 776:18, | 732:5, 734:3, 735:4, |
| 754:24, 766:15, | error - 765:13, | exists - 749:7, | 776:19, 780:19, | 737:5, 737:9, 739:21, |
| 779:17, 788:18, | 789:13, 789:16, | 801:11 | 781:15, 781:20, | 752:11, 757:4, |
| 792:6, $796: 25,797: 9$, | 789:17, 789:18, | expected - 770:5 | 781:21, 782:4, 782:7, | 761:16, 765:10, |
| 807:24, 821:10, | 789:23, 806:14, | expended - 824:6 | 782:8, 782:9, 782:15, | 774:11, 779:10, |
| 824:15, 824:16 | 813:18 | experience - 814:18 | 782:16, 783:9, | 780:24, 783:3, |
| Draft - 768:6 | errors - 727:9, | experienced - | 783:16, 784:5, | 795:19, 796:22, |
| draw - 768:22 | 788:3, 788:4, 788:10, | 769:10 | 784:18, 784:19, | 803:10' |
| drill - 823:23 | 788:12, 790:18, | explain - 740:18 | 784:20, 785:7, | focused - 728:8, |
| due - 737:16, | 805:14, 813:12, | extent-719:16, | 785:16, 785:18, | 758:6 |
| 748:19, 749:23, | 813:13, 813:15 | 723:24, 754:5, | 786:6, 786:15, | focusing - 750:24 |
| 751:16 | Esquire-714:12, | 756:15, 763:1, 763:5 | 786:19, 786:22, | folder - 794:18 |
| duplicated - 774:4 | 714:15, 714:16, | external - 771:16, | 786:25, 787:5, | folks - 763:11 |
| during - 800:4, | 714:19, 714:20, | 772:5 | 787:13, 787:16, | follow - 796:3 |
| 811:13, 822:21 | 714:23, 715:1, 715:2, | extra - 808:10 | 787:19, 787:23, | following - 796:25, |
| Dx-815:5 | 715:5 |  | 788:17, 790:10, | 813:2 |
|  | ssentially - 736:2 | F | 790:23, 791:11, | footnote - 727:9, |
| E | establish-823:14 | $F$ | 791:12, 794:8, | 727:10, 779:18, |
|  | stablished | facilitate - 770:6 | 794:17, 794:18, | 780:24, 786:1, 787:9, |
| e-mail - 718:17 | 823:13 | fact - 719:20, | 802:14, 813:25 | 787:10 |
| 718:19, 766:4, 766:5, | estimate - 796:16 | 720:16, 727:20, | files - 725:9, | foregoing - 825:3 |
| 766:13, 766:21, 768:3 | estimated - 784:2. | 729:8, 731:19, | 725:11, 775:10, | form - 720:3 |


| formal - 732:6 <br> format - $778 \cdot 5$ | Grazing-768:14 | historically - | 796:20, 796:24, | 721:8, 741:12, 743:6, |
| :---: | :---: | :---: | :---: | :---: |
| format - 778:5 | Great-762:2 | 734-25, 74 | 800:5, 800:13, 801:1, | 751:8, 758:19, 769:5, |
| 812:6 | 767:21, 788:25 | tory - 765:6, | 801:23, 802:14, | 3:25 |
| forward | 789:4, 790:21 | 775:21 | 803:14, 804:1 | ndividual - 739:25, |
| 743:25, 815:2, 815:7 | great - 823:2 | histran - 775:18, | Im500's - 802: | 742:4, 742:13, 747:1, |
| 815:8, 816:15, 817:1 | 790:22 | 775:19, 775:23 | 802:4, 802:21 | 747:2, 747:7, 747:8, |
| four - 732:3, 758:11, | greatly - 737:13 | hold - 790:14 | 802:25, 804:20 | 747:2 |
| 771:12, 797:7, 798:5, | grief -717:21 | holder - 743:17 | Im500s - 799:25 | 748:16, 748:24, |
| 800:4, 803:10 | Griffin-744:16 | 755:1, 755:19 | 801:5 | 749:9, 750:2, 751:10, |
| four-year - 771:12 | 744:17, 744:21, | holders - 726:8 | images - 789:7, | 751:14, 751:24, |
| Fourth- 714:24 | 803:13 | 730:3, 730:5, 742:21, | 789:8 | 752:6, 752:18, 754:5, |
| fourth - 747:19 | group - 752:17, | 742:23, 743:5, | immediately - | 754:7, 754:14, |
| fractionalization - | 813:18 | 743:11, 743:16, | 776:11 | 754:19, 754:22, |
| 821:4 | groups - 734: | 748:25, 765:24, | imperative - 752:4, | 755:2, 755:20, |
| frame - 788:18, | 813:13, 813:15 | 771:19, 772:7, | 752:13 | 756:10, 756:13, |
| 807:17, 810:17 | Grover-766:6 | 772:10, 772:14, 782:3 | important - 763:15, | 756:17, 756:21, |
| Franklin- 715:8 | guess -743:25 | Honor-717:2, | 763:17, 763:21, | 772:6, 773:4, 781:15, |
| fraud - 806:14 | 771:10, 788:8, 824:7 | 717:15, 717:20, | 763:22, 764:18 | 782:2, 782:6, 794:11, |
| free - 824:2 | guesstimate - 824:5 | 717:24, 718:1, | Importantly - | 814:6, 814:9 |
| Fritz- 766:6 | Guilder-714:20 | 720:13, 720:21, | 771:15 | individually - |
| Fti- 732:20, 732:22, |  | 721:4, 721:16, | improve - 737:7 | 788:15 |
| 762:22, 771:6 | H | 739:19, 745:20, | in-the-population | individuals - |
| Fti's- 772:4 |  | 749:12, 749:24, | 815:14 | 748:20, 750:3, 751:16 |
| full - 732:23, 737:16 | half - 758:13, 790:1, | 750:7, 751:21, | inaccuracies - | Information - |
| functions - 737:14, | 797:16, 798:15, | 765:17, 778:14, | 806:10 | 759:24 |
| 737:18 | 809:14 | 778:20, 778:24, | inaccurate - 765:3 | information - |
| fund - 757:5 | Hand - 717:13 | 802:19, 823:25, | inappropriately - | 719:18, 722:18, |
| Funds- 761:10 | hand - 717:17, | 824:7, 824:17 | 757:6, 757:14 | 722:22, 722:23, |
| funds - 736:15, | 737:12, 737:15, | Honorable - 714:9 | include - 752:13, | 723:2, 723:6, 723:16, |
| 737:8, 746:18, | 786:24, 788:11, | hours - 824:6 | 752:15, 769:7, | 724:1, 724:4, 725:24, |
| 747:12, 748:12, | 818:21 | Hsa-730:4 | 772:22, 776:13, | 726:17, 726:19, |
| 748:23, 749:23, | handling - 791:6 | Hsa's - 730:1 | 776:17, 782:5, | 734:7, 734:23, |
| 750:22, 751:17, | hard - 719:21, | Hsas - 760:5 | 792:13, 824:8 | 738:16, 740:23, |
| 752:1, 752:7, 753:8, | 776:24, 777:1, | hundred - 798:5, | included - 731:3, | 760:2, 760:4, 760:7, |
| 754:10, 754:20, | 785:17, 794:20 | 824:10 | 759:19, 772:19, | 761:15, 761:17, |
| 755:5, 757:5, 757:14, | Harold - 766:6 |  | 776:18, 781:1, 784:15 | 762:11, 762:23, |
| 761:21, 761:22, | Harper-714:19, | I | includes - 775:5, | 763:2, 763:3, 763:6, |
| 764:5, 764:7, 768:14, | 717:14, 717:15, |  | 776:15, 776:17, | 763:7, 763:9, 763:12, |
| 768:25, 769:6 | 717:20 | I-tran -775:19, | 781:22, 783:14, | 764:19, 765:2, |
|  | head - 784:17 | 775:21, 776:19 | 792:14 | 765:19, 767:25, |
| G | headings - 787:8 | idea - 728:10, | Including - 774:12 | 769:8, 770:11, |
|  |  |  |  |  |
| gap - 759:7 | 764:23, 778:17 | identified - 730:9, | income-822:19 | 777:10, 779:12, |
| Gaps - 724:24 | Hearing-714:8 | 741:20, 741:21, | incomplete - | 779:13, 779:14, |
| gaps -718:13, | hearing - 765:4 | 777:15, 782:14, | 777:25, 778:6 | 779:16, 779:19, |
| 718:15, 718:16, | heir - 760:19 | 801:5, 807:15, | inconsistencies | 780:3, 780:4, 780:12, |
| 721:11, 723:7, | held - 744:5, | 808:13, 808:16, | 782:12, 782:15, | 781:16, 781:19, |
| 723:14, 723:21, | 744:25, 745:6 | 809:1, 809:4, 813:11, | 790:10, 791:11, | 781:20, 781:25, |
| 723:24, 724:3, | helpful - 791:25 | 813:20, 822:2, 822:4 | 799:24, 805:1 | 783:14, 783:16, |
| 725:24, 728:8, 734:9, | Herman - 716:3, | identifies - 779:18 | inconsistency - | 783:24, 790:24, |
| 734:19, 779:4, | 717:23, 718:7, 718:9, | identify - 719:22, | 763:5, 782:17 | 792:5, 797:15, |
| 795:24, 800:18, | 719:4, 724:14, 726:8, | 722:6, 728:11, | inconsistent - | 798:25, 800:14, |
| 806:3, 806:7 | 726:23, 729:20, | 734:14, 803:12, | 779:23, 781:3, | 804:9, 804:20, 805:2, |
| gas - 735:13, | 730:7, 732:1, 732:10, | 810:2, 812:15, 812:19 | 782:19, 795:21 | 805:7, 813:5, 813:8, |
| 736:14 | 751:19, 757:9, 761:7, | identifying - | incorrect - 726:20, | 814:3, 814:4, 821:4, |
| gathered - 783:15, | 763:15, 779:1, 791:5, | 743:15, 782:18 | 808:22 | 821:8 |
| 796:9 | 792:5, 793:8, 818:16 | idiosyncrasies | incorrectly - | information's - |
| general - 794:10, | high - 769:16, | 734:15 | 727:25, 760:16 | 780:1 |
| 800:19, 800:21 | 769:20 | $\lim -727: 6,727: 15$, | increase - 774:21 | inherited - 760:20 |
| generated - 794:5, | high-dollar - | 727:20, 728:6, 736:1, | increased - 775:1 | initial - 746:19, |
| 794:22 | 769:16, 769:20 | 737:8, 739:14, | index-717:7, | 762:15, 775:20, |
| generates - 814:1 | highlighted - | 739:25, 740:18, | 717:21 | 798:17, 798:20, |
| gentleman - 817:12, | 724:23, $725: 20$, | 741:3, 741:22, 742:2, | indexing - 717:5 | 801:7, 808:12, $814: 4$ |
| 817:20, 821:11, | 727:5, 727:18, | 745:1, 746:5, 746:13, | Indian-742:4, | inside - 816:8 |
| 821:13, 822:10 | 729:25, 734:4, 735:5, | 746:20, 748:7, | 747:1, 747:9, 748:24, | instance - 760:14, |
| Georgia-714:18 | 737:6, 752:11, | 749:22, 749:24, | 749:9, 751:14, | 764:9, 767:13, |
| Gingold-714:12 | 761:16, 765:10, | 750:5, 750:19, | 751:25, 752:5, | 767:21, 791:15, |
| given - 760:19, | 766:11, 774:12, | 750:22, 750:23, | 752:18, 754:5, 754:7, | 811:11, 813:16 |
| 772:15 | 779:10, 784:7, 795:19 | 755:1, 755:19, 757:5, | 754:14, 754:19, | instances - 742:6, |
| Given-804:25 | Hinkins-757:9, | 757:14, 757:18, | 755:2, 755:20, 773:4 | 744:4, 752:2, 760:13, |
| glossary - 717:16 | 758:20, 758:21, | 759:5, 769:17, 777:8, | Indian's - 742:14, | 764:16, 771:2, |
| goal - 723:12, | 758:23, 758:24 | 782:9, 800:15, | 747:2, 756:13, 756:21 | 787:24, 809:22, 814:9 |
| 723:13, 771:21, | hint - 802:19 | 800:19, 820:20 | indians - 757:6, | Instead - 761:21 |
| 771:22, 805:14, | hired - 740:4 | iim - 757:7, 757:15 | 757:14 | instead - 721:2 |
| 805:15 | historical - 729:4, | Im-600-777:21, | Indians - 747:7, | instructions - |
| government - 717:3 | 729:7, 729:21, | 777:22 | 747:21, 748:4, | 824:14 |
| grazing - 767:13, | 733:15, 752:14, | Im500-793:21, | 748:16, 751:10, 761:9 | integrated - 720:23 |
| 767:25, 768:20, | 753:17, 754:23, | 793:25, 794:5, | indicate - 730:24, | $\text { intended - } 747: 1 \text {, }$ |
| 768:25, 769:10, | 758:7, 760:3, 773:8 | 794:14, 795:5, | $760: 20$ | $756: 9,806: 2$ |
| 770:9, 770:12, 819:20 | Historical - 810:15 | 795:21, 796:7, | indicated - 717:6, | intentional - 806:14 |


| 16, | 4:10, | ledger-727:7, | 0, 779:5, |  |
| :---: | :---: | :---: | :---: | :---: |
| 813:17, 823:2 | 751:8 <br> 792.13 | $727: 21,728: 9,730: 2$, $730: 4,730: 25,731: 2$, | $780: 20,783: 2 \text {, }$ | machine-715:15, |
| Interior-714:6, $730: 1,730: 3,732: 3$, | $\begin{aligned} & \text { judgment - 792:13, } \\ & \text { 792:25, 811:2, } \end{aligned}$ | 730:4, 730:25, 731:2, <br> 745:2, 745:18, | 783:20, 784:6, 787:8, <br> 788:14, 789:9, 790:5, | 789:9 <br> Mad - 761:21, |
| 732:7, 733:25, 735:1, | 811:16, 811:18, | 794:10, 800:19, | 792:2, 793:6, 793:25, | 762:1, 762:2, 762:10 |
| 737:7, 738:5, 740:10, | 811:19, 811:21, | 800:20, 800:21, | 795:10, 796:17, | mail-718:17, |
| 741:10, 741:16, | 811:24, 812:11 | 807:2, 807:6 | 797:8, 797:21, | 718:19, 730:1, 730:3, |
| 742:12, 742:17, | July-757:1, 758:11, | ledgers-722:11, | 798:21, 800:2, 801:3, | 766:4, 766:5, 766:13, |
| 742:18, 742:21, | 793:9, 817:22 | 724:3 | 802:11, 803:4, 803:9, | 766:21, 768:3 |
| 743:1, 743:9, 754:25, | June- 732:2, | left-725:8, 781:8, | 806:19, 807:1, | maintain-761:18, |
| 755:1, 755:4, 758:1, | 773:22, 774:3, 774:5, | 786:18 | 807:23, 809:9, 81 | 761:20 |
| 792:9, 804:14, | 774:6, 774:9, 774:21, | legends -717:5 | 811:15, 815:5, | maintained - 822:12 |
| 807:21, 811:25, | 803:2, 803:22 | Lenexa- 789:4 | 816:20, 817:6, | ity - 790:21 |
| 814:3, 814:5, 820:15 | Justice-715:3, | less-737:19, | 818:13, 819:19, | management- |
| Interior's - 810:18 |  | 767:16, 767:22 | 820:10, 821:1, | 720:23, 737:8, 781:17 |
| internal - 737:12 | Justin- 714:20 | lessee - 742:18, | 821:22, 821:24, | Management |
| 767:14 | K | 743:18, 749:25 | looked-729:4, | manual -726:18, |
| investigation - |  | lessees -742:24 | 752:8, 758:19, | 727:7, 727:20 |
| 823:4 <br> investment - 775:6 | -732:2, 732:4, | letter - 732:1, 732:4, $732: 6$ | 759:20, 761:23, | mapped - 800:23 |
| involved - 812:7, | keep - 778:21 | level - 734:15, | 783:23, 804:6, | 746:12, 747:3, |
| 823:23 | keeps - 749:14 | 793:10 | 806:22, 806:24, | 747:13, 749:2, 754:9, |
| involving - 759:10 | Keith- 714:19 | Levitas- 714:15 | 807:12, 807:13, | 791:17, 812:14, |
| Irms-718:10, | Kempthorne-714:6 | liability - 800:6 | 809:23, 811:19, | 812:16, 812:17, |
| 722:24, 723:3, 723:7, | Kilpatrick-714:16, | lifetime - 724:25 | 816:22, 819:20 | 812:23, 812:25, |
| 723:25, 724:15, | 714:20, 714:24 | likely - 799:15, | looking-723:8, | 813:11, 813:20, 814:6 |
| 726:9, 726:10, | kind - 739:14 | 807:21 | 723:19, 724 | March - 733:25, |
| 726:17, 731:8, | kinds - 758:24 | limit-734:12, | 728:3, 731:7, 739: | 779:14, 814:14 |
| 731:12, 733:1, | Kirschman- 715:1 | 755:15 | 741:1, 741:14, 746:4, | marked-807:23, |
| 733:10, 733:13, | knowledge- | limited-724:25, | 747:14, 747:20, | 818:24 |
| 733:16, 733:17, | 743:11, 756:19, | 741:4, 741:1 | 750:16, 750:19, | master - 775:10 |
| 734:6, 735:19, | 766:25, 824:13 | 753:20, 762:20, | 750:20, 751:3, | 775:14, 775:15, |
| 735:25, 736:13, | wn - | 772:4, 815:11 | 75 | 776:2, 776:7,7 |
| 738:17, 738:18, $741: 3$, | Kohn- $715: 2$ Kpmg - $725: 7$ | line - $719: 2,719: 3$ 719:8, $720: 17,720: 18$ | 755:16, 760:6, 787 , $71,788: 19$ | 776:24, 777:1, |
| 741:8, 747:2, 747:22, | 732:9, 732:21 | lines -797:7 | 791:5, 794:8, 794:11, | 777:17, 777:21, |
| 748:8, 748:11, |  | link - 717:8 | 794:12, 799:11, | 777:25, 779:2, 779:3, |
| 748:12, 748:17, <br> 749:5, 749:8, 749:10, | L | $\begin{aligned} & \text { list - } 732: 17, \\ & 732: 19,777: 23 . \end{aligned}$ | 803:18, $807: 5,807: 8$, $811: 21,814: 916: 7$, | 779:23, 781:3, 781:4, |
| 749:13, 749:15, | land - 730:3, 751:5, | 778:8, 796:19 | 816:8, 816:11, | 781:20, 781:21, |
| 750:16, 750:18, | 759:21, 760:18, | listed - 803:23 | 823:22, 824:6, 824:12 | 781:25, 782:4, |
| 755:22, 755:24, | 760:20, 761:17, | listing - 734:7 | Looking-719:9 | 782:15, 783:12, |
| 761:21, 761:24, | 761:19, 764:2, 764:8, | lists -783:8 | looks - 736:13 | 793:21, 794:17 |
| 762:10, 763:22, | 764:11, 769:17, | litigation - 732:8, | 758:8, 785:1, 785:25, | Master - 777:8, |
| 767:11, 771:16, | 792:13, 792:25, | 746:10, 805:10 | 790:1, 790:4, 793:9, | 779:11 |
| 771:19, 772:5, 772:7, | 811:2, 811:17, 816:14 | Litigation- $715: 7$ | 793:18, 799:13, | Master_all - 781: |
| $\begin{aligned} & 772: 10,772: 15, \\ & 770: 01 \end{aligned}$ | Land- 759:24 | LIp- 714:16, 714:20, | 801:16, 801:22, | 781:4 |
| $772: 24,773: 1,7$ $774: 13,775: 17$ | $\begin{aligned} & \text { land-based - 730:3, } \\ & \text { 769:17, 792:13, } \end{aligned}$ | 714:24 <br> loaded - 775:4 | 802:9, 803:15, $803: 17$ 808:16 | $\begin{aligned} & \text { math - } 785: 25 \\ & \text { matter - } 728: 1 \end{aligned}$ |
| 782:8, 782:9, 782:13, | 792:25, 811:2, | locate - 723:5, | 815:21 | 823:17, 823:19, |
| 784:2, 794:6, 794:15, | 811:17, 816:14 | 727:8, 728:21, 796:7, | Los-784:18, 791:2 | 823:21, 825:5 |
| 794:18, 794:19, | language -729:24, | 796:20 | lost - 786:12 | matters-791:7 |
| 794:22, 800:18, | 729:25, 735:5, | located - 723:11, | Lris- 759:22, 760:7, | mean -734:24, |
| 801:7, 805:1, 805:7, 805:21, 806:10, | $\begin{aligned} & 761: 17,765: 10, \\ & 766: 11,771: 1 \end{aligned}$ | 777:2, 777:13, 796:25 look -719:2 | $760: 9,760: 24,761: 4$ | $\begin{aligned} & 745: 18,749: 9, \\ & 759: 12,768: 16, \end{aligned}$ |
| 807:23 | $779: 10$ | 724:22, 725:16, | 762:13, 762:16, | $768: 25,779: 25,$ |
| issue | large - 732:24, | 725:19, 726:4, | 762:23, 763:2, 763:9, | 781:7, 782:25, 784:3, |
| 770:16, 806:3, 806:6, | 791:18 | 726:22, 727:3, | 763:13, 763:16, | 785:3, 805:25, |
| 806:7 | larger - 792:3 | $\begin{aligned} & 727: 14,729: 17, \\ & 731: 25,732: 3, \end{aligned}$ | $763: 19,764: 10,$ | 807:13, 813:15 |
| 817:24, 818:6, 818:8, | 739:21, 768:12, | 733:23, 734:2, | 764:2, 765:6, 765:23, | 771:22, 818:21, |
| 818:9 | 823:10, 824:15, | 734:10, 735:4, 736:8, | 766:23, 767:3, 821:5 | 819:16, 823:21 |
| issues - 747:10, | 824:16 | 736:9, 737:2, $737: 5$, | Lsa- 746:15, 751:2, | meant - 759:8, |
| 748:18, 751:2, 758:25 | late - 767:23 | 738:8, 739:17, | 753:19, 754:4, | 778:7 |
| issuing - 811:11 | latter - 752:17 | 744:12, 744:23, | 754:16, 756:4, 756:5, | Medium - 757:8 |
| item - 743:6 | Law- 714:12 | $746: 6,746: 12$, $746: 15,750: 13$, | 756:11, 760:4, 760:6, | meeting-766:8 |
| $\begin{aligned} & \text { itself - 782:13, } \\ & 794: 15,797: 6,814: 7 \end{aligned}$ | Leakage- 757:5 leaked - 757:6, | $746: 15,750: 13$, $750: 14,750: 16$, | $763: 1,764: 1,764: 5$ $815: 18,816: 7,823:$ | ${ }_{740: 15}^{\operatorname{memos}-739: 6,}$ |
|  | 757:14 | 752:8, 752:10 | 823:8 | mentione |
| J | arned - 766:23 | 755:14, 756:24, | Ltro- 765:22, | $\begin{aligned} & 719: 23,720: 8, \\ & 721: 22.722: 2, \end{aligned}$ |
| James- 714:9 | 821:19 | 761:7, 761:15, 765:5, | 766:20, 767:1 | 722:16, $723: 23$, |
| January-822:18 | Lease- 822:1 | 765:9, 766:3, 768:2, | tro's- 766:17 | 725:10, 728:8, |
| Jeffrey-732:10 | leases - 737:11, | 768:10, 768:17, | s-763:9 | 729:12, 732:5, 733:7, |
| job-746:24, 757:13, $772: 9,814: 15$ | 767:13, 767:25, 770:9 <br> least - 720:22 | 769:15, 769:25, | lunch - 778:13, | 733:21, $736: 4$, |
| John- 715:1, 715:5 | 725:22, 731:11, | 771:3, 771:13, $772: 1$, | 824:1, 824:22 | 745:7, 746:4, 747:3, |
| Joseph- 766:5 | $\begin{aligned} & 740: 3,778: 13, \\ & 778: 15,787: 21 \end{aligned}$ | $\begin{aligned} & 774: 9,774: 11 \\ & 774: 24,776: 23 \end{aligned}$ | M | 749:2, 749:24, 751:1, |


| 758:13, 759:13, | 737:17 | necessarily - 747:4, | numbers - 745:5, |  |
| :---: | :---: | :---: | :---: | :---: |
| 763:10, 764:10, | ule - 750:20, | 788:1, 816:2, 823 | 745:19, 777:23 | 60:2 |
| 767:2, 769:2, 770:22, | 750:22, 782:9 | need - 719:21, | 780:16, 793:18 | iginal - 808:9 |
| 773:21, 777:20, | moment - 729:12, | 752:7, 754:20 | 802:14, 802:23 | iginally - 772:14 |
| 788:23, 788:24, | 745:17 | 768:17, 788:1 | 802:24, 803:1 | 773:18, 808:14 |
| 790:20, 792:25, | monetary - 762:16 | needs - 804 | numerous - 719:17 | Ost-724:9, 724:10 |
| 801:12, 801:18, | money - 742:13, | egative - 798: | v-714:13, | 724:11, 726:10, |
| 803:22, 818:7, 819:14 | 742:15, 743:22, | never - 738:10, | 714:21, 715:3, 715:12 | 730:16, 744:13, |
| message - 766:18 | 743:24, 744:2, 746:5, | 765:25, 766:25 |  | 744:14, 752:25, |
| methods - 770:6 | 746:13, 746:20, | New - 757:1 | O | 753:4, 753:12, 805:2, |
| Mexico-757:1 | 746:23, 746:25 | 725:12 |  | 805:21, 816:5 |
| Michael - 715:2, | 747:6, 747:14, | 737:21, 757:10 | Objection- 721:16, | tr-720:8 |
| 717:2 | 747:20, 747:24 | 760:19, 766:11 | 749:12 | out-of-population - |
| Michelle - 716:3 | 748:3, 748:15, | 768:11, 769:25, | obtained - 821:5 | 815:12 |
| 732:10, 757:9, 766:7, | 748:19, 749:3, 749:9, | 785:20, 797:8, 798:8 | obviously - 751:7 | outside - 74 |
| 766:16 | 749:10, 750:3, 751:9, | nine-739:18, | 753:16, 771:4, 784:23 | 757:18, 763:6, 815:24 |
| microfiche - 789:3, | 751:11, 751:13, | 816:18 | Occasionally- | overall - 770:23, |
| 789:6, 789:9 | 751:16, 751:23 | Ninth - 714:1 | 731:16 | 783:5, 818:17 |
| mid - 778:19 | 754:7, 754:13, | ninth - 821:25 | occasions - 742:11 | overlap-776:1, |
| mid-morning | 754:17, 754:23 | nobody - 740:7 | October-714:5, | 799:13 |
| 778:19 | 754:25, 755:2, | 740:10, 753:10, | 792:8 | wner - 76 |
| middle - 783 | 755:21, 763:17 | 756:19 | office - 744:13 | 764:6, 764:9, 764:11 |
| might - 804:9, | 763:23, 764:3, 773:4, | non - 752:18, 757:6, | 789:4, 797:3, 797 | owners - 742:7, |
| 814:23 | 775:7, 805:16, 805:17 | 757:7, 757:14, | Office-761:9, | 742:8 |
| million-744:5, | monies - 750:1, | 757:15, 793:10 | 761:10 | ownership - 760:2, |
| 744:25, 745:17, | 750:2, 752:5, 753:22, | non-iim - 757:7 | Offices-714:12 | 760:14, 760:15, |
| 745:21, 745:22, | 755:3 | 757:15 | Official-715:11 | 761:5, 761:18, |
| 771:10, 771:12, | month - 720:22 | -indians | 825:1 | 761:24, 762:17, |
| 774:14, 774:16, | 725:23, 779:12 | 757:6, 757:14 | official - 761:18 | 763:3, 764:19, |
| 798:23, 799:12, | nth's - 781:22 | non-individua | offsetting - 798:7 | 768:15, 768:19, |
| 799:13, 801:5, | monthly - 822:19 | 752:18 | often - 726:19, | 768:23, 769:1, 822:12 |
| 801:22, 802:10, | months -718:25, | nonzero-752 | 742:3 |  |
| 803:12, 803:15, | 719:17, 719:22, | 753:1, 753:3, 753: | Ohta- 72 | P |
| 803:16, 804:10, 809:4 | 721:15, 721:23, | 753:8, 786:5, 787:9 | 730:18, 730:19, |  |
| Minerals - 735:9 | 722:7, 722:11, 7 | Norc-730:17, | 740:14, 747:15, | Pacer |
| minerals - 735 |  |  |  |  |
| 736:9, 737:11 minimum - | $\begin{aligned} & 779: 15,796: 16 \\ & 807: 20,809: 21 \end{aligned}$ |  | $\begin{aligned} & 753: 12,756: 25, \\ & 759: 4,770: 5,80 \end{aligned}$ | $\begin{aligned} & \text { page - 719:2, 719:3, } \\ & 19: 9,720: 18,721: 2, \end{aligned}$ |
| 824:8 | Morgan - 726:23 | 765:6, 769:15 | 816:1, 816:4, 816: | 721:3, 724:22 |
| Minneapolis | 726:24 | 769:23, 814:17 | Oig- 745:13 | 725:19, 725:21 |
| 725:22 | morning - 71 | North - 714:25 | Oig's-744:13 | 727:3, 727:6, 72 |
| nor | 717:14, 717:15, | Norton-73 | oil - 735:13 | 729:19, 732:3, 734:3, |
| minutes - 778:21 | 717:24, 717:25 | te | Once-728:3, | 737:2, 737:5, 737:9, |
| 823:18 | 718:1, 718:7, 718:8, | noted - 733:9 | 805:20 | 737:10, 737:21, |
| miscellaneous - | 719:2, 778:19 | 795:8, 797:11 | once - 766:22 | 738:8, 739:17, |
| 820:15 | Morning - 714:7 | $818: 24,821: 19$ | 794:17, 794:24, 796:7 | $739: 21,744: 23,$ |
| missing - 718:21, | Most - 801:6 | nothing - 756 | $\text { one - } 720: 22 \text {, }$ | 752:10, 757:4, 758:9, |
| 718:25, 719:6, | most - 780:14 | 759:14, 787:2, 787: | 725:22, 725:25, | 761:15, 765:9, |
| 719:10, 719:12, | 780:15, 781:4, | 817:23 | 726:14, 726:24, | 768:11, 768:17, |
| 719:16, 719:18, | 799:15, 807:20 | notice - 760:17 | 727:24, 731:8, 735:8, | 769:3, 769:25, 770:1, |
| 720:17, 720:22, | Mountain - 770:13 | noticed - 760:18 | 735:9, 737:11, | 774:11, 779:17, |
| 721:10, 721:15, | move - 765:17 | 761:1, 800:4 | 737:12, 744:16, | 780:24, 783:3, |
| 722:7, 722:11, | 791:22, 792:1, | November-819:23 | 744:20, 744:21, | 793:18, 795:20, |
| 760:15, 782:14, | 793:18, 793:19 | null - 781:6 | 745:10, 760:14, | 796:19, 797:8, 803:9, |
| 782:18, 787:22, | 802:17 | Number-716:6 | 762:13, 770:24, | 819:1, 819:25, 820:3, |
| 787:25, 788:1, | oved - 725:7 | number - 720:20 | 773:22, 773:23, | 821:2, 821:24, 822:15 |
| 788:12, 788:16, | ved - 716:8 | 724:15, 727:4, | 774:8, 780:24, 781:2, | pages -725:13, |
| 789:13, 789:16, | multiple - 742:6 | 728:20, 729:18 | 781:5, 781:22, 782:4, | 818:19 |
| 789:19, 789:23, | 754:21, 756:16, | 730:8, 730:11, | 782:8, 784:23, | paid - 743:1, 743:8, |
| 790:2, 790:19, | 791:15 | 730:12, 730:13, | 785:20, 785:22, | 771:6 |
| 791:19, 801:7, 804 | Muskogee - 798:5 | 730:14, 730:16, | 786:1, 787:8, 787:9 | paper |
| 804:25, 806:10, | 801:23 | 730:17, 730:21, | 787:10, 793:24, | 720:4, 723:5, 723:8, |
| 806:12, 806:18, | must - 752:15 | 731:4, 732:4, 732:24, | 794:5, 794:18, 799:2, | 723:11, 723:15, |
| 817:11, 817:18, |  | 734:2, 734:10, | 815:1, 816:25, | 723:17, 723:19, |
| 817:22, 822:25, | N | 739:18, 752:11, | 818:16, 818:24, | 723:21, 724:3, 728:3, |
| 823:5, 823:11, |  | 56:24, 758:14, | 819:19 | 728:5, 728:9, 728:11, |
| 823:13, 823:15 | Naans - 786:6 | 771:9, 771:11, | One-719:18, 735:1, | 728:17, 729:1, 730:4, |
| Missing - 788:13 | 810:2 | 771:14, 772:13 | 739:19, 746:9 | 730:9, 730:10, 731:1, |
| misspoke - 763:20 | name |  | 812:14, 812:1 | 733:10, 733:12 |
| misunderestimated | 739:12, 757:8, |  | ones - 722:1 | 783:13, 807:9, |
| - 778:17 | 780:13, 781:4, 809:2 | 21 | 778:4, 785:15 | 807:17, 809:23, 810:3 |
| Mms - 735:1, 735:3, | names - 777:23, | 86:7, 787 | 785:20, 790:17 | papers -822:8 |
| 735:12, 735:16, | 780:7, 780:8 | 787:11, 788:8, 791:3, | 796:12, 809:1 | paragraph - 739:21, |
| 735:21, 736:2, 736:9, | narrow - 788:18 | 792:22, 796:4, 798:8, | line - 785:4 | 744:23, 744:24, |
| 736:15, 736:21, | national - 769:16, | 800:4, 803:18, | open - 776:8, | 766:11, 768:12 |
| 737:11, 738:9, | 770:1 | 804:12, 808:4, | 792:15, 815:22, | Pardon - 739:9 |
| 738:16, 739:2, | nature - 719:11, | 810:25, 811:15 | 816:12 | part - 726:5, 728:1, |
| 739:22, 739:24, | 764:16 | 813:14, 817:17 | opened - 792: | 729:11, 746:15, |
| 740:24, 772:23, 773:5 | Navajo - 725:22, | 819:7, 819:9, 820:2, | 809:21, 810:17, 811:9 | 752:4, 757:21, |
| Mms's - 737:14. | 790:1, 799:6 | 823:22 | operated - 770:25 | 771:25, 772:2, |


| 775:13, 780:14, | 784:13 |  | $30: 19$ | $772: 2$ |
| :---: | :---: | :---: | :---: | :---: |
| 780:15, 800:17, | lains - 762:2, | 748:13, 798:7 | 73 | ognized - 734:9 |
| 807:13, 809:9, 816:25 | 767:21, 788:25, | pre-1985-730 | providing - 752:20, | collection |
| Part-726:6 | 789:4, 790:7, 790:21 | recise - 771:1 | 752:22 | 721:1, 772:22 |
| participants - 735:8 | Plaintiffs - 714:4 | prefer - 789: | hed - 769:23 | concile - 759: |
| particular-742:7, | 714:12, 717:4 | 820:4, 820 | purposes-761:19, | 767:17, 77 |
| 742:21, 765:24, | Plaintiffs' - 737:2 | prepared -724:16 |  | 79 |
| 770:9, 770:16, | 738:2 | 724:18, 727:15, | , | 25 |
| 776:12, 788:20 | plan - 729:17 | 729:5, 738:4, 739:5 | 742:7, 742:11, 808:23 | 823 |
| 791:7, 807:7, 810:19, | 737:7, 739:15, | 740:13, 744:16, |  | reconciliation - |
| 818:2, 821:13 | 761:11, 768:7 | 791:4, 795:14, | Q | 7 |
|  | plans -730:1, 730:3 |  |  | 793:10, 796:24 |
| 765:10 | plus -783:18, | 803:23, 811:2 | quarterly - 741:13 | Reconciliatio |
| partner - 768:4 <br> parts - 805:12 | $\begin{aligned} & 786 \\ & 798 \end{aligned}$ | $82$ | questions - 749:14, 765:15, 804:19, | reconciling |
|  | Pm-824:23 |  | 804:22 | 770:14, 800:19, |
| past - 723:12, | 715: | 810: | 715: | 801:9, 801:24, |
| 797:14 | oint - 721:2 | presum | 717:2, 7 | 815:16, 815:18, 822:6 |
| paym | $724:$ | 817:17, 818:7 | $721: 16,745: 9,749: 12$ | record |
| 820:3 | 728 | trial - 717: |  | 717:9, |
| $752: 18,770: 8$ |  | previous - 72 |  | 724.21, |
| Peachtree - 714:17 |  |  |  |  |
| penny-824:15, |  | reviously - 758:19, | raised - 741:6 | 761:8, 782:4, 789:19 |
| 824:16 | 759:2, 768:8, 769:10, | 819:7 | ran-767:10 | 817:10, 825:4 |
| people-728:20 | 770:15, 774:8, 776:8, | nt | Range-822 | ecord- 759:24 |
| 753:16, 763:11, | 778:2, 778:8, 784:5, | printout - 794:20 | Range - 74 | - 74 |
| 823:23 | 784:10, 799:21, | ority - 757:8 | 767:13, 767:25 | 760:16 |
| Pepion - 714:3 | $808: 20,809: 14,816: 6$ | probate - 764:16 | $768: 20,768: 23 \text {, }$ | records - 719:21 <br> 20:3, 720:23, 723 |
| 792:13, 793:1, 811:2, |  | 79 | 799:12 | $723: 11,72$ |
| 811:16, 811:18 | points -744:1 | 60 | ngin | 726:13, 728:6 |
| percent - 718:2 |  | 76 | te-765:13, 82 | 728:11, 728:17 |
| 720:22, 721:14, | popped-816:25 | 76 | ther -766:17 | 728:20, 728:22, |
| 722:1, 738:9, 765 | population-773:7, | 804:25 | 754 | 4 |
| 765:13, 783:16, | 792:6, 815:11, | proced | e-credited - 754:10 | 732:20, |
| 785 | 815:12, 815:14 | 766:12 | read - 741:13, | 732:23, 732:24, |
| 790:23, 816:18, 819:4 | 815:17, 815:25 | rocee | 766:15, 766:21, | 733:4, 733:10, |
| percentage - | 816:8, 816:10, 819:5, | 825:4 | 796:21 | 733:12, 733:21, |
| 748:22 | 819:12, 819:16 | Proceedings | readily - 73 | 741:4, 755:14, |
| percent | portio | 715:15 | reading-721:2 | 5, 761:17, |
| 718:20 | 780:22, 820:16 | process - 766 | 808:19 | 762:24, 764:3, $764:$ |
| fectly | rtland - 799 | 770:7, 781:11 | ads -721 | 764:15, 764:16, |
| performed - 725:1 | posed - 767:1 | 781:24, 807:18 | alized - 734: | 768:15, 768:20, |
| 739:23, 757:24, | ing - 763:25 | 810:2, 810:4 | ally - 728:1 | 768:24, 769:1 |
| 757:25, 758:3, | sition - 816:3 | oduced - 715 | reasonably - 737:20 | 771:13, 790:1 |
| 770:22, 772:6, 776:19 | positive - 765:11 | program - 764:15 | reasons - 770:3, | 804:3, 804:5, 813:25 |
| performing - | $798: 9$ | project - 729:21 | $770: 24,823: 2$ | Recross- 716:2 |
| 760:13, 771:15 | possibili | $739: 14,747: 11$ | Rebecca- 715:1 | Redirect- 716:2 |
| perhaps - 725:12 | sibly - 746: | 7 | 825:3 | duction - 759:120 |
| 783:23 | post - 719:20, |  | receipts - 759: | redundant - 802:16, |
| period-726:1 | 792:16, 792 | 756:11, 760:4, 760:6 | 820:15 | 802:18 |
| 733:18, 743:23, | 810:16, 814:11 | 761:11, 763:1, 764:5, | eive - 725 : | refer |
| 744:3, 755:15, | 814:13, 816:3 | 765:12, 771:7, | 725:10, 732:17, | 777:16, 782:17, 786:3 |
| 755:16, 767:18, | post-1985-730 | 773:12, 775:14 | 732:20 | reference-717:12, |
| 771:12, 775:3, | 796:8 | 752 | received -719 |  |
| 792:10, 792:12, | post-1994-815:14, | roperly - 752: | 722:4, 722:8, 722:11, | 736:24, 738:24, 745:3 |
| 792:16, 792:23, | 816:11, 816:12, | property - 742:3 | 722:13, 724:7, 724:9, | referenced - |
| 793:3, 807:3, 807:6, | 819:13, 819:17 | 742:7, 742:11 | 724:10, 740:15, | 744:21, 761:15 |
| 810:16, 811:14, | post-1996-77 | proposed-75 | 740:24, 755:12, | references - 766: |
| 819:13 | posted - 735:19 | $768: 7$ | $755 \cdot 13,763 \cdot 2$ | 767:16, 777:7 |
| periods - 71 |  | prov | 25 | referred-726:2 |
| 745:8, 779:19 | 735:25, 736:13 | 769:1 | 775:20, 777:4, | 803:6 |
| permit -743: | 741:3, 748:7, 749:5 | $724: 2,724: 4,75$ | 778:1, 778 | referring - 734:18, |
| 743:6, 819:21 | 749:22, 750:5, | 724:2, 724:4, 752 | 779:3, 781:3, 793:8 | 745:10, 766:22, |
| 819:23, 820:21 | 750:22, 750:23, | 752:17 | 796:11, 796:13, | 766:24, 767:2 |
| 822:13 | 763:17, 763:23, | provided - 718 | 797:3, 797:15 | 768:21, 768:22 |
| permittee - 7 | 769:4, 773:5, 789 | 718:13, 721:14 | 817:20, 817:2 | 769:2, 770:12 |
| 743:18 | 823:1 | 723:2, 725:3, 7 |  | 777:17, 777:19, |
| permi | p |  | 821:11, 821:14 | $797: 2,812: 24$ |
| person-760 | 813:11 | 73 | 821:17, 822:21 | refers - 745:24, |
| 763:18, $763: 23$ | postings - 720 | 30:22 | Receiving-810 | 777:14 |
|  | $\begin{aligned} & 75 \\ & 70 \end{aligned}$ |  | receiving-781:18, | reflect-795:20, |
| physical - 814:20 <br> picture - 768:21 | $\begin{aligned} & 750: 24,751: 3,751 \\ & 763: 16,763: 17, \end{aligned}$ | $\begin{aligned} & 765: 22,767: 6 \\ & 770: 11,773: 2 \end{aligned}$ | 822:10 | 821:4 <br> reflects - 781:4 |
| 781:21 | 763:21, 765:13 | 773:23, 776:2, | 759:4, | 820: |
| ce-742:7 | 813:17 | 779:9, 779:24, 780:1, | cess - 823:2 | form - 737:7 |
| $\text { ieces }-729: 2$ | postponed - 7 | $803: 3,805: 1,805: 2$ | Recess- 77 | freshing - 721 |
| 760:15 | potential-759:7, | 805:7, 805 | 824: | $\text { regard - } 737: 12 \text {, }$ |
| place - 756:2 | 813:11 | $814: 3,814: 4,814: 5$ | recognize - 734:21 | 762:18 |


|  |  |  | 754:18, 754:23, <br> 754:25, 755:3, <br> 755:18, 756:1, 756:6, <br> 756:12, 756:16, <br> 756:17, 756:20, <br> 758:16, 758:23, <br> 759:1, 759:6, 759:11, <br> 759:12, 759:15, <br> 759:17, 820:24 <br> Sdas-741:24, <br> 742:16, 743:19, <br> 743:22, 744:2, 746:4, <br> 747:20, 747:25, <br> 749:22, 749:23, <br> 750:18, 750:21, <br> 750:22, 752:5, 752:7, <br> 755:1, 753:10, <br> 753:12, 753:16, <br> 753:22, 753:23, <br> 753:25, 754:1, 754:21 <br> sealed - 823:19, <br> 823:21 <br> search - 770:4, <br> 824:5, 824:8 <br> searching - 719:24, $728: 19,728.21$, <br> 787:20 <br> second - 730:4, <br> 734:12, 739:19, <br> 786:24 <br> Secretary - 714:6 <br> section - 719:4, <br> 724:23, 725:20, <br> 727:5, 727:18, 734:4, <br> 734:11, 737:6, <br> 752:11, 756:25, <br> 774:8, 783:17, <br> 795:19, 796:22, <br> 799:19, 807:23, <br> 807:24, 810:12, <br> 810:14, 818:24, <br> 820:18 <br> sections - 724:20 <br> see-720:18, <br> 720:23, 725:16, <br> 726:4, 727:17, <br> 738:10, 742:11, <br> 745:23, 746:12, <br> 768:10, 769:2, 777:3, <br> 777:7, 791:18, <br> 793:11, 798:8, <br> 798:24, 807:3, <br> 815:13, 818:25, <br> 822:18 <br> See-725:1, 726:1, 824:22 <br> segregated - <br> 748:24 <br> selected -823:9 <br> seminar - 735:6, <br> 735:8, 738:25, 752:9, <br> 793:9, 793:13, 793:14 <br> Senior-715:6 <br> sense - 767:12 <br> sentence-734:12, <br> 745:24, 766:9 <br> separate - 743:6, <br> 747:15, 776:1 <br> separately - 730:1 <br> September-745:2, <br> 773:23, 774:4, <br> 774:22, 787:14 <br> series - 759:4 <br> serves - 732:6 <br> Service-735:9 Session- $714: 7$ <br> Session-714: set -789:20 <br> 798:17, 798:20, 808:12, 817:10, | seven - 725:19, <br> 737:9, 757:4, 761:16, 779:18 <br> several - 744:18, <br> 747:10, 770:1, 777:9 <br> sheet - 737:24 <br> short - 793:3 <br> shorthand - 715:15 <br> show - 776:11, <br> 784:19, 805:13 <br> showed - 744:20 <br> showing-765:2 <br> shows-780:19, <br> sic. -736:14, 759:4, <br> 772:22 <br> side - 786:18, <br> 786:24, 788:11 <br> Signature-825:10 <br> Signed - 732:10 <br> significant - <br> 718:16, 782:22, <br> 789:23, 795:8, 796:5 <br> significantly - 775:3 <br> similar-734:14, <br> 766:19, 810:4 <br> Similar - 739:25 <br> simply - 734:20, <br> 736:13, 763:3, 787:24 <br> sit - 728:12, 732:25 sitting-751:17, <br> 752:1 <br> situation-760:18, <br> 791:16, 791:18 <br> six - 737:20, 775:21, <br> 779:13, 796:16, <br> 807:20, 822:15 <br> Six- 725:21 size - $762: 21$ <br> size - 7 -72:21 slow - $754: 24$ <br> small - 732:23, <br> 803:17, 820:2 <br> Smith-714:23, <br> 716:3, 718:1, 718:2, <br> 718:4, 718:6, 720:11, <br> 720:13, 720:15, <br> 720:25, 721:4, 721:5, <br> 721:13, 721:19, <br> 721:20, 737:25, <br> 738:1, 738:4, 738:7, <br> 739:19, 739:20, <br> 745:9, 745:11, $745: 15,745: 20$, <br> 746:1, 746:3, 749:16, <br> 749:20, 750:10, <br> 750:11, 750:12, <br> $752: 3,765: 14$, $765: 17,765: 18$, <br> 767:9, 778:11, <br> 778:13, 778:16, <br> 778:20, 778:23, <br> 778:24, 778:25, $779: 5,779: 6,780: 20$, <br> 780:21, 783:2, 783:4, <br> 783:20, 783:22, <br> 786:11, 786:13, <br> 786:14, 789:12, <br> 791:23, 792:1, 792:4, <br> 793:6, 793:7, 793:17, <br> 793:20, 795:10, <br> 795:12, 796:17, <br> 796:18, 796:22, <br> 796:23, 797:21, <br> 797:22, 798:3, 798:4, <br> 798:12, 798:13, <br> 798:21, 798:22, <br> 799:4, 799:5, 799:9, <br> 799:10, 800:2, 800:3, <br> 801:3, 801:4, 801:14, <br> 801:15, 801:20, |
| :---: | :---: | :---: | :---: | :---: |


|  | ```779:18, 788:9, 794:4 spoken - 740:9 stamp-724:15, 727:4, 729:18, 729:19, 732:4, 734:2, 734:10, 739:18, 752:10, 756:24, 758:14, 759:3 standpoint - 734:24 start - 730:25, 797:14, 807:1, 807:18, 810:7 started - 758:12, 796:9, 807:7, 807:11 starting-733:16, 733:17, 733:19, 734:8, 734:14 starts-814:12, 822:18 state - 734:5, 768:12 statement - 717:6, 731:21, 752:12, 811:1, 811:9, 823:11 statements - 729:4, 729:7, 729:10, 760:3, 777:8, 777:21, 806:4, 806:6, 806:8, 811:11, 812:1, 812:5, 812:6, 812:7 Statements - 812:2 States-714:1, 714:10 states - 734:12, 737:10, 759:3 Station-715:8 statistical - 769:11 statistician - 739:11 status - 774:1, 813:25, 814:5 Stemplewicz - 715:5 step -719:22, 722:16, 788:17 steps - 719:18, 757:10 Steve-768:3 still - 721:9, 721:11, 721:23, 732:21, 750:8, 751:17, 752:1, 771:18, 793:3, 799:17, 801:11, 809:14, 817:25, 822:12 Stockton-714:16, 714:20, 714:24 Stonestreet- 715:11, 825:3 stood - 734:20 stored - 789:4 streams - 734:15 Street-714:13, 714:17, 714:21, 714:24, 715:3 strike - 753:11 structure - 780:1 studied - 735:15, 736:11, 736:16, 741:23 studies - 765:1 study -762:13, 762:19, 764:21, 764:24, 774:1, 809:10 subject - 766:18 submitted - 738:9 subsections - 744:15 subsequently - 796:10 subset - 765:23``` |  | ```781:2 talks - 807:2, 807:24 task - 748:6, 749:1 tasked - 736:6, 738:15, 738:18, 739:1, 739:3, 741:1, 743:15, 746:24, 747:20, 748:2, 751:12, 751:22, 753:3, 757:13, 762:22, 772:9, 801:9, 801:23, 803:25, 806:9, 806:11, 809:25, 812:10, 814:15 Team- 736:25 teed - 823:18 term-741:14, 777:16 terms - 753:14, 753:18, 784:21, 820:21, 822:13 test -727:24, 728:1, 728:2, 729:11, 754:11, 754:15, 757:24, 762:9, 763:7, 771:21, 771:25, 805:13, 805:15, 805:19, 812:15, 813:6, 813:7, 813:9, 814:17, 815:1, 815:2, 815:8, 817:1, 822:24 tested - 736:5, 751:2, 753:19, 754:3, 754:15, 754:22, 756:4, 756:11, 756:22, 762:10, 762:14, 763:10 testified - 729:20, 729:21, 749:13, 760:1, 769:19, 775:9, 776:23 testifying - 718:23, 720:16 testimony - 719:4, 721:6, 721:15, 736:24 testing - 736:6, 740:1, 754:11, 754:13, 754:17, 757:17, 757:19, 763:12, 764:1, 764:5, 764:7, 793:10, 812:13 tests - 757:5, 770:22, 805:9, 805:10, 812:14 Tfas-738:18, 740:2, 747:22, 748:8, 763:16, 763:19, 763:22, 771:16, 771:20, 772:5, 772:7, 772:10, 772:15, 774:13, 775:5 themselves - 760:5, 799:25, 802:2 thereby - 727:8 therefore - 721:9 third - 790:7 thousand - 798:6, 798:18 thousands - 772:20 three - 718:23, 721:10, 732:4, 736:24, 737:20, 738:13, 747:17, 790:12, 790:16, 812:16 throughput - 726:25, 774:16, 774:17, 774:18,``` |  |
| :---: | :---: | :---: | :---: | :---: |


| transactions - | 742:15, 744:18, | various - 742:9, |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 719:20, 719:23, | 748:14, 755:3, | 761:21 |  |  |  |  |  |  |
| 720:21, 721:22, | 761:10, 761:19, | verified - 800:13 |  |  |  |  |  |  |
| 721:24, 722:3, 722:4, | 761:20, 761:22, | verify - 730:7, |  |  |  |  |  |  |
| 722:5, 724:12, | 800:23, 820:20 | 739:23, 749:21, |  |  |  |  |  |  |
| 725:25, 731:1, 734:7, | Trustee-761:9 | 750:6, 756:5, 763:6, |  |  |  |  |  |  |
| 734:13, 767:10, | Try-778:21 | 764:2, 764:8, 800:17, |  |  |  |  |  |  |
| 769:4, 769:11, | try - 728:10, 751:7, | 817:23, 818:11 |  |  |  |  |  |  |
| 769:13, 769:14, | 786:13, 812:19, | verifying - 753:17, |  |  |  |  |  |  |
| 769:17, 770:2, 770:6, | 818:11 | 753:23, 754:1, 754:8, |  |  |  |  |  |  |
| 770:10, 770:12, | trying - 721:17, | 754:9, 755:1, 755:20, |  |  |  |  |  |  |
| 773:8, 774:12, | 723:7, 723:14, | 756:1, 756:19, |  |  |  |  |  |  |
| 774:15, 774:16, | 733:15, 734:22, | 761:19, 813:5, $813: 7$ |  |  |  |  |  |  |
| 774:18, 775:6, 782:2, | 746:24, 768:22, | version - 818:14, |  |  |  |  |  |  |
| 782:5, 784:9, 784:10, | 799:17, 803:25, | 818:17 |  |  |  |  |  |  |
| 784:14, 786:7, 788:1, | 806:9, 807:9, 812:15, | versus - 732:8, |  |  |  |  |  |  |
| 788:15, 789:19, | 821:10 | 803:18 |  |  |  |  |  |  |
| 790:20, 800:23, | Tuesday- 714:5 | view - 765:11 |  |  |  |  |  |  |
| 801:12, 805:11, | turn-719:21, |  |  |  |  |  |  |  |
| 807:16, 807:20, | 735:19, 770:20, | W |  |  |  |  |  |  |
| 808:17, 808:20, | 823:23 |  |  |  |  |  |  |  |
| 808:21, 808:25, | Two-751:16 | Walker-766:5 |  |  |  |  |  |  |
| 812:7, 813:2, 813:13, | two-717:11, | wants - 749:21 |  |  |  |  |  |  |
| 813:19, 813:21, | 723:12, 724:20, | Warshawsky- |  |  |  |  |  |  |
| 815:22, 816:3, 816:4, | 737:2, 737:5, 745:19, | 715:1 |  |  |  |  |  |  |
| 816:5, 816:12, | 745:24, 746:8, 762:6, | Washington- |  |  |  |  |  |  |
| 816:15, 818:25, | 762:14, 770:5, | 714:4, 714:14, |  |  |  |  |  |  |
| 819:4, 819:10, 819:14 | 773:13, 773:14, | 714:22, 715:4, 715:9, |  |  |  |  |  |  |
| Transactions- | 773:21, 775:4, | 715:13 746 |  |  |  |  |  |  |
| 770:8 | 782:13, 788:25, | ways - 746:8, $756: 22,758: 24$ |  |  |  |  |  |  |
| Transcript- 714:8 transcript - 715:15, | $\begin{aligned} & 805: 12,813: 17, \\ & 813: 18,818: 4,818: 5, \end{aligned}$ | 756:22, 758:24 <br> Wecker-738:19, |  |  |  |  |  |  |
| $719: 2,825: 4$ | 821:2 | 738:21, 738:22, |  |  |  |  |  |  |
| transcription - 715:15 | type - 767:15, | 738:25, 739:1, 739:3, |  |  |  |  |  |  |
| Transfer- 812:25 | types - 760:12, | $739: 10,739: 23$ |  |  |  |  |  |  |
| transfer-732:7, | 770:9, 777:7, 777:9, | 740:4, 740:9, 740:15, |  |  |  |  |  |  |
| 739:24, 750:3, | 812:16 | 740:18 |  |  |  |  |  |  |
| 753:18, 753:20, | typically - 742:18, | week - 725:12 |  |  |  |  |  |  |
| 754:21, 755:18, | 814:6 | weekend-725:14, |  |  |  |  |  |  |
| 755:20, 756:1, 756:6, |  | 773:24, 818:17 |  |  |  |  |  |  |
| $756: 16,770: 10$ | U | weeks - 788:25 <br> West- 714:24 |  |  |  |  |  |  |
| 726:17, 727:7, | ultimately - 821:10 | whereby - 766:13 |  |  |  |  |  |  |
| 727:20, 727:25, | Ultimately - 821:13 | whole - 721:3 |  |  |  |  |  |  |
| 729:9, 731:19, | under - 724:23, | William-714:16 |  |  |  |  |  |  |
| 732:14, 746:23, | 807:23, 809:21, | willing - 725:12 |  |  |  |  |  |  |
| 748:9, 749:3, 749:6, | 810:18, 818:24, | winding - 778:18 |  |  |  |  |  |  |
| 751:14, 751:24, | 820:15 | Winston-714:25 |  |  |  |  |  |  |
| 755:3, 755:5 | Under-768:12 | Winston-salem- |  |  |  |  |  |  |
| transferring - | Understood - | 714:25 |  |  |  |  |  |  |
| 748:13 | 745:24 | withdrawals - |  |  |  |  |  |  |
| Transfers-755:24, | unit - 769:6 | 756:20 |  |  |  |  |  |  |
| 812:24 | United-714:1, | withheld - 773:4 |  |  |  |  |  |  |
| transfers - 736:15, | 714:10 | witness-749:13, |  |  |  |  |  |  |
| 746:14, 747:3, | unresolved - 786:2, | 749:18, 765:14, |  |  |  |  |  |  |
| 753:24, 754:1, 754:2, | 786:7, 793:4, 818:25 | 786:11, 824:2 |  |  |  |  |  |  |
| 754:3, 755:22, 756:9, | up -717:17, 744:10, | Witness-716:2, |  |  |  |  |  |  |
| 756:12, 756:15, | 775:3, 778:18, | 717:24, 749:19, |  |  |  |  |  |  |
| 756:17, 756:19, | 790:18, 798:18, | 749:23, 750:7, |  |  |  |  |  |  |
| 757:18, 759:12 | 816:25, 820:18, | 751:20, 752:1, 767:5, |  |  |  |  |  |  |
| Treasury- 741:1, | 823:18 | 789:3, 789:7, 789:11, |  |  |  |  |  |  |
| 741:2, 741:4, 741:7, | updated - 781:6 | 818:22, 820:18, |  |  |  |  |  |  |
| 741:10, 741:16, | utilizes - 761:17, | 824:7, 824:11, 824:16 |  |  |  |  |  |  |
| 741:21, 773:1, | 761:21 | word - 789:23 |  |  |  |  |  |  |
| 813:21, 814:2, 814:5 |  | workpapers - |  |  |  |  |  |  |
| ```treat - 789:13 trial - 722:5, 777:8,``` | V | $\begin{aligned} & \text { 777:3, 777:5 } \\ & \text { worth - } 781: 22 \end{aligned}$ |  |  |  |  |  |  |
| 777:20 | Vague-749:12 |  |  |  |  |  |  |  |
| Trial- 715:6, 719:5 | validation - 755:9, | Y |  |  |  |  |  |  |
| Tribal- 748:14, <br> 755:3, 800:23 | 756:3, 805:9, 815:19, 815:20, 815:21 |  |  |  |  |  |  |  |
| tribal - 737:8, 750:1 | validations - | $773: 19,794: 9,796: 8$ |  |  |  |  |  |  |
| tribe - 750:2 | 771:16, 772:6 | $797: 14,798: 10,$ |  |  |  |  |  |  |
| tried - 742:20, | $\text { value - } 774: 18$ | $822: 18,822: 22$ |  |  |  |  |  |  |
| 812:19, 821:16 | variance - 801:5, | years - 718:23, |  |  |  |  |  |  |
| trip - 766:22 | 801:8 | 721:10, 723:12, |  |  |  |  |  |  |
| Trust- 727:16, | variances - 799:12 | 728:13, 732:18, |  |  |  |  |  |  |
| 737:8, 741:3, 741:15, | variations - 799:6 | 736:24, 737:20, |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |


[^0]:    .

