Part 7

RODNEY SIDLE

cut off, but I believe it states, "I have continued to talk with the Angola team and provide guidance on the approach you outlined for them for booking proved reserves."

Could you describe for me, as best you can recall, the approach that you are referencing in this sentence?

- A. Yes. I believe it was what we saw on the prior document, about trying to limit the portion of Angola Block 18 that they would identify as technically mature to a smaller region than the entire field. Or several fields, actually.
- Q. What was referred to in the other document is the cherry-picked development?
 - A. Yes. Yes, that's right.
- Q. The next sentence states: "It appears their situation is that they need all expected volumes just to meet economic hurdles for even a minimal development scheme."

Could you please explain for me what it was that you were attempting to convey in that sentence, sir?

A. Yes. In my discussions with them to

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14:04:18 1 RODNEY SIDLE

help them understand the guidance that Anton gave them, we had a conversation about their progress in doing the, quote, "cherry-picking," and the comment was made to me, which I relayed back to Anton, that it appeared that the volumes that would qualify to be technically mature within this cherry-picked area seemed small enough it would be difficult for them to meet the economic hurdles. However, final work hadn't been done, so they would need to finish their technical work, come up with exactly what volume that was, and then complete it before we would have a conclusive answer.

- Q. If you could, sir, I would like to direct your attention to the following page of the document.
 - A. Mm-hmm.
- Q. And as noted previously, this is a January 17, 2001 version of Angola Block 18 initial reserves booking, group reserves auditor comments.

Do you have any idea, sir, whether or not this is the final version of this document?

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RODNEY SIDLE

- A. No, I don't.
- Q. Do you recall if you saw, regardless of whether or not this is it, the final version of this document?
 - A. No, I don't recall.
- Q. Do you recall if you saw various drafts or iterations of this document?

MR. SMITH: Objection to the form and foundation.

- A. At that time I don't recall whether I saw this in early or later forms, or not.
- Q. I would like to direct your attention to the second half of the document. There are numbered paragraphs. Number 2 states: "The," quote, "'high confidence areas' defined by SDS may not all fulfill the stringent requirements for defining 'proved areas' as used by SEPCO (Ref. 2)."

Is that statement consistent with your recollection of your review of the Angola Block 18 reserves team work?

A. Well, there's a problem of timing here that makes it difficult to answer that, because I saw the work in its work in progress

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RODNEY SIDLE

preliminary stages, and the comments that are being made here are -- are written at a time subsequent to that, perhaps based on the work that Anton saw in December, where I was not present.

So it is correct to note that the statement you made continues, "this should be verified in due course."

Work was ongoing when I saw it to do that verification, to limit the extent of the cherry-picked area to that that was in compliance with SEC regulations, Shell regulations, for high confidence. At what point that was concluded, I don't know.

- Q. Do you know why this document references SEPCO's requirements concerning proved areas, as opposed to the group guidelines?
 - A. Yes, I do.
 - Q. Okay. And could you explain that?
- A. The technique that SEPCO had developed for use of high-quality calibrated seismic to define proved area was one approach that was being considered by the Angola Block 18

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RODNEY SIDLE

team. So we had the SEPCO geologists and geophysicists familiar with that technique explain to the Angola Block 18 team what criteria were needed to analyze their data to determine if it was of a high-quality and high reliability, such that it would have met the SEPCO requirements. Because at that time there were no group requirements of the detail and of the nature that related to use of seismic.

- Q. Just so I'm clear. This relates to the use of seismic data that we discussed previously in connection with the two SEC engineers, or that was the subject of discussion with the two SEC engineers at some point?
- A. That's correct. For lowest known hydrocarbon purposes. Yes.
- Q. Thank you. If I could ask you, sir, to turn to the next page in the document. Now I will note that there is a series of e-mails here in which you are indicated neither as the author or recipient, or cc. Do you recall if you've ever seen this series of e-mails?
 - A. No, I've never seen them before.
 - Q. Okay.

	Pag
14:10:14 1	RODNEY SIDLE
14:10:20 2	MR. SMITH: Are you finished with
14:10:20 3	this document?
14:10:21 4	MR. MacFALL: We're done with this
14:10:23 5	document. I'm sorry.
14:10:23 6	MR. SMITH: Are you finished with
14:10:24 7	this document?
14:10:24 8	MR. MacFALL: I am.
14:10:25 9	MR. SMITH: I didn't want to
14:10:26 10	interrupt your questioning, but I wanted to
14:10:27 11	note something for the record.
14:10:28 12	MR. MacFALL: Sure.
14:10:28 13	MR. SMITH: The first page of this
14:10:29 14	document, that's my handwriting.
14:10:30 15	MR. MacFALL: Okay.
14:10:31 16	MR. SMITH: It should not have been
14:10:33 17	produced. And we will send you a letter in
14:10:35 18	due course requesting to have it returned,
14:10:36 19	under the terms of the protective order in
14:10:38 20	the case. Okay?
14:10:43 21	MR. MacFALL: That's fine with me.

Thank you for identifying the handwriting.

MR. SMITH: I'll save you a few

questions down the road.

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Page 363 1 RODNEY SIDLE 2 (Sidle Exhibit 20, e-mail, two 3 pages, with attachment headed Bonga Southwest Combined VAR 1 & 2 - Project 5 Initiation, Identification & Feasibility Terms of Reference, was marked for 14:11:40 7 identification.) 14:11:40 8 14:11:41 9 BY MR. MacFALL: 14:11:46 10 Q. Mr. Sidle, you've just been handed a 14:11:48 11 document that has been marked as Sidle 14:11:51 12 Exhibit 20 for identification. I would ask you 14:11:53 13 to take a look at it, sir, and tell me if you 14:11:57 14 recognize it. 14:13:16 15 (Witness reviewing document.) 14:13:17 16 All right. I've seen it. Α. 14:13:18 17 Do you recognize the document, sir? Q. 14:13:20 18 Yes. I've seen this before. Α. 14:13:22 19 Q. For the record, the document is an 14:13:27 20 e-mail with attachment from Norman Read to 14:13:29 21 various individuals, including yourself, dated 14:13:33 22 September 6, 2001. The subject is Bonga 14:13:42 23 Southwest VAR 1-2, Houston 10 to 13 September 14:13:43 24 2001. 25 Mr. Sidle, did you participate in a

14:13:46	1	RODNEY	SIDLE
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value assurance review in connection with Bonga
Southwest?

- A. Yes, I did.
- Q. What was your role in that review?
- A. I was part of the review team, and I represented the reservoir engineering discipline.
- Q. Did you undertake any actions in connection with your role as part of the value assurance review team?
- A. The actions I undertook were to participate with the team in reviewing the technical -- the information that was presented by the Bonga Southwest field team, ask questions of that to be able to ascertain the issues that we're charged to deal with in the terms of reference, and then work with the team, feed it back to Bonga Southwest and their managers what our assessment was, and the maturity of the project, in other words, whether they had satisfied the criteria for a VAR 1, VAR 2, or had not.
- Q. Do you recall where the Bonga Southwest field team was located?

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RODNEY SIDLE

- A. We had our meetings in Houston.
- Q. Do you recall if there were members of SDS on that Bonga Southwest field team?
 - A. Could you say it again?
- Q. I'm sorry. Were members -- were individuals employed by SDS, Shell Deepwater Services, part of the Bonga Southwest field team?
- A. Field team. Yes, I believe they were.
- Q. Are you familiar with what work SDS, if any, did in connection with Bonga Southwest?
- A. Only in a very general way; that they assisted by bringing expertise in deepwater development to the team.
- Q. Can you identify the members of the Bonga Southwest field team? Do you recall?

 If it helps, in the -- if I can get you there.
- A. You're referring to the field team rather than the review or VAR team.
- Q. Right. The fifth page of the document contains the VAR --
 - A. I'm sorry?

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14:16:27 1 RODNEY SIDLE

- Q. I'm sorry. We're speaking over each other. The fifth page of the document identifies members of the VAR team.
 - A. Right.
- Q. Was the field team a subset of the VAR team? No?
 - A. There was -- no, not at all.
 - Q. Okay.
- A. This was the team that did the review, so we were the outside experts within the areas noted that were not associated with the project, who reviewed the work that the field team, the team that was working on the project, presented to us.

On the second page of this exhibit you'll see an agenda, and at the end of what appears to be a time and a topic there are names. I don't remember exactly the names, but I do associate certain of these names with people who I recall to be presenting on behalf of the field team.

Q. One of the names shown there is Charles Shotton. He's identified as being with SNEPCO. Do you recall if he was on the team?

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RODNEY SIDLE

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- A. I don't recall.
- Q. Actually, instead of going through them, is there anybody who you specifically recall being on the Bonga Southwest field team in that list?
- A. No. These are the people that presented the information to us. And again, exactly what affiliation they had at that time, I don't know.
- Q. Okay. Fair enough. If I could ask you to just turn to the fifth page of that exhibit, sir, where it identifies the members of the VAR team.
 - A. All right.
- Q. And it lists yourself, among several others. The first individual shown is Norman Read. It says, "(lead, engineering and project management, SIEP.)"

The reference to lead, does that mean he led the VAR team?

- A. Yes.
- Q. There are various disciplines shown here. One of them is petrophysics, Justin Freeman, SEPTAR. Can you describe, if you know,

Page	368

14:19:01 1	RODNEY SIDLE
14:19:06 2	Mr. Freeman's role in the VAR process?
14:19:09 3	A. Yes. He was a specialist in the
14:19:15 4	subsurface science of making down-hole
14:19:19 5	measurements using well logs, using core data,
14:19:22 6	and interpreting those measurements to ascertain
14:19:25 7	the conditions of and presence of oil and gas in
14:19:28 8	the ground.
14:19:32 9	Q. Am I correct that he underutilized
14:19:34 10	that expertise in connection with this
14:19:35 11	particular review?
14:19:36 12	A. Yes.
14:19:46 13	Q. Thank you. You can put that aside,
14:19:46 14	sir.
14:19:49 15	A. Can we take just a very quick break?
14:19:50 16	Q. Oh, absolutely.
14:19:51 17	VIDEOGRAPHER: The time is now
14:20:26 18	2:19 p.m. Off the record.
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14:27:45 20	(Recess.)
14:27:45 21	
14:27:50 22	VIDEOGRAPHER: The time is now
14:27:53 23	2:27 p.m. Back on the record.
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25	(Sidle Exhibit 21, e-mail dated

Page 369 RODNEY SIDLE 2 September 12, 2001, was marked for 3 identification.) 14:27:54 4 14:27:54 5 BY MR. MacFALL: 14:27:55 6 Mr. Sidle, you've just been handed 14:27:58 7 during the break a document marked as Sidle 14:28:00 8 Exhibit 21 for identification. I would ask you 14:28:02 9 to take a look at that, sir, and tell me if you 14:28:04 10 recognize it. 14:28:08 11 Yes, I recognize it. Α. 14:28:10 12 For the record, it's an e-mail from 14:28:13 13 John Church addressed to several individuals, 14:28:16 14 including yourself, dated September 12, 2001. 14:28:18 15 The subject is Brazil reserves. 14:28:19 16 Could you please identify Mr. Church 14:28:22 17 for me? 14:28:23 18 Other than the fact that he's the 14:28:26 19 author of the e-mail, I -- I'm not familiar with 14:28:28 20 what part of the organization he's with. 14:28:36 21 The e-mail addresses the booking of 14:28:41 22 reserves in Brazil. Do you recall if you were 14:28:46 23 involved with the booking of proved reserves in

LEGALINK, A MERRILL LEGAL SOLUTIONS (800) 325-3376 www.Legalink.com

Not at the time of this e-mail, or

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Shell Brazil?

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for the field of BS-4. No, I was not involved with booking those. I participated in technical discussions about BS-4.

- Q. That participation, did it occur at or about the time of this e-mail?
- A. It seems about right. I don't recall exactly when it occurred.
- Q. Could you describe for me, generally, or summarize the nature of your technical discussions in connection with this particular field?
- A. Yes. This was a time when BS-4 was being evaluated for possible development, and I was part of a team that looked at the status of the technical work and gave them recommendations for what additional technical work they would need to do to develop a confidence in the project, such that an investment could be made.
- Q. There's a reference here to, and by "here" I mean in the document to SDS. Do you recall if SDS performed the technical work that you reviewed?
 - A. I don't recall. No.
 - Q. Was Brazil -- withdrawn.

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Was BS-4 a field within SEPCO? I realize it's Brazil, but was that part of SEPCO?

- A. Well, SEPCO is just US. Now, in our Houston operation, the -- when the EPW, or the Americas region was put in place, then the responsibilities for other Shell EP businesses within the western hemisphere came under the purview of staff in Houston. I don't remember -- I don't remember exactly at this time whether that would have occurred yet or not.
- Q. Do you recall if BS-4 was a deepwater project?
 - A. Yes. Yes, it was.
- Q. Did you do any other work in connection with Brazil?
 - A. During what time frame?
 - Q. 1999 to 2004.

A. Yes. There was other fields -- '99 to 2004 that I worked at in Brazil. I mentioned in '99, while I was at SEPTAR, I was the reservoir engineer working on a deepwater Brazil field. I'm not sure I can even remember the name.

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	Page 372
14:31:47 1	RODNEY SIDLE
14:31:52 2	I also participated in some
14:31:59 3	exploration reviews, VARs, for possible
14:32:12 4	exploration programs, including on BC-10.
14:32:14 5	And then later let's see. Was
14:32:18 6	that 2004? Yeah, it would have been before
14:32:18 7	2004.
14:32:21 8	When the Enterprise Oil Company
14:32:24 9	acquisition was done, there was an asset
14:32:27 10	acquired that was part of Brazil. That was the
14:32:29 11	only one of the several that I've mentioned
14:32:31 12	where there were proved reserves booked.
14:32:43 13	Q. Going in reverse order. With regard
14:32:49 14	to the Brazilian asset that was acquired as part
14:32:52 15	of the Enterprise acquisition, what work did you
14:32:56 16	do in connection with the proved reserves?
14:33:05 17	A. At the time it was acquired, I was
14:33:17 18	the reserves manager for SEPCO/EPW, because at
14:33:17 19	that time it was EPW. So when the reserves were
14:33:21 20	brought into EPW, then I reviewed the basis for
14:33:24 21	booking those reserves from the fields we
14:33:30 22	acquired from Enterprise.
14:33:41 23	Q. Do you know if those reserves were

I remember at the time of the

also reviewed by Mr. Barendregt?

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RODNEY SIDLE

Enterprise acquisition, he did a special review of just those reserves, but he couldn't get to everything. And I don't remember whether he actually looked at Brazil or not. I know he didn't look at the Enterprise assets in the Gulf of Mexico. Those we handled within SEPCO. But I don't remember whether he looked at Brazil or not.

- Q. With regard to the proved reserves that you looked at in Brazil, as a result of the Enterprise acquisition did you generate a report or other document memorializing your efforts as part of -- your efforts in that review?
- A. Yes, I believe there was a document that -- that was created as a result of a visit of myself and two others, I believe it was two other technical staff, to Brazil to take a look at the status of the technical work on the field. And that document was noting work that had been done and the work that was still left to be done to have the completed technical work documentation for what we felt was the proper way to book for proved reserves. I think we had that meeting in, like, September of the year in

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which Enterprise was acquired. Which would have been, I guess, 2003.

- Q. The two individuals that accompanied you to Brazil, do you recall who they were?
 - A. Frank Gonzalez and Dan Schwartz.
 - Q. Were they members of SEPCO?
- A. Frank was a member of SEPCO. I don't recall if Dan was a member of SEPCO or not.
- Q. With regard to the VAR review that was done for BC-10, could you please briefly summarize the work that you did in that regard?
- A. Yes. This was a service to our exploration organization. Exploration periodically asked for outside technical persons to look at their portfolio of opportunities, to provide feedback on the status of those opportunities, the quality of those opportunities, the reasonableness of their plan to explore. It was not related to proved reserves. It was related to exploration.
- Q. When you say the exploration organization, are you referring to the group's exploration organization, or SEPCO's?

37:27 1 RODNEY SIDLE

A. It varied from time to time.

Sometimes the exploration organization for the Americas was within the Americas, and sometimes it actually was a part of an International Group that simply had an Americas division. So which status it had at that time, I don't recall.

- Q. Fair enough. And I believe you referenced a '99 review, when you were in SEPTAR?
 - A. '99 was a different event.
- Q. Right. I'm sorry. It wasn't a review. It was work in '99.
- A. Right. I was assigned as the reservoir engineer working on a field where development operations were being studied.
- Q. And could you just, again very generally, summarize the work that you did at that time?
- A. Yeah. Yeah. One of the services that SEPTAR provided was the application of technologies. What I did was run the reservoir simulation model for a variety of different outcomes of potential developments of the field, to be able to ascertain what the likely result

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would be for a variation in number of wells, placement of wells. Situations like that.

- Q. And this was in connection with Brazil. Correct?
 - A. This was in connection with Brazil.
- Q. During the time that you were in SEPTAR, do you recall doing work with regard to any other non-US OU, besides Brazil? And Bonga -- well, you hadn't done the Bonga work yet while you were in SEPTAR. I'm sorry.
- A. No, at that time the only one that I recall working on was Brazil.

MR. FERRARA: Tim, was there an Exhibit 20?

MR. SMITH: Yes.

MR. FERRARA: Which one was that?

Do you have an extra one of those?

MR. WEED: It's the Norman Read e-mail.

THE WITNESS: It's the Bonga

Southwest.

MR. MacFALL: Do you need a copy of

that, Ralph?

MR. FERRARA: I've misnumbered here

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Page 377 14:40:05 1 RODNEY SIDLE 14:40:41 2 somehow. I would like to see it. Yeah. 3 (Sidle Exhibit 22, e-mail, four pages, Bates number DB 07573 through 14:40:42 6 DB 07576, was marked for identification.) 14:40:42 7 14:40:43 8 BY MR. MacFALL: 14:41:31 9 Q. Mr. Sidle, you've just been handed a 14:41:33 10 document marked as Sidle Exhibit 22 for 14:41:35 11 identification. I see you're reviewing it, sir. 14:41:36 12 Do you recognize this document? 14:41:37 13 Α. Yes, I do. 14:41:39 14 And for the record, this document is Q. 14:41:42 15 a series of e-mails, the last of which is from 14:41:47 16 Mr. Roosch to yourself dated January 14, 2002. 14:41:53 17 The subject is SNEPCO Reserves Questions. 14:41:57 18 The SNEPCO reserves questions 14:41:59 19 involved potential booking of proved reserves in 14:42:01 20 connection with Bonga Southwest. Correct? 14:42:02 21 Α. Yes. 14:42:14 22 Q. I would like to direct your 14:42:18 23 attention, if I can, sir, to the page ending 14:42:26 24 with Bates numbers DB 07575, which is the 25 next-to-the-last page of the document. Do you

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2:34 2 have that, sir?

reserves.

- A. Yes, I do.
- Q. Okay. At the top of the page there is an e-mail from Mr. Roosch to you dated January 10, 2002. I would like specifically to direct your attention to what I believe is the third paragraph in that e-mail. The e-mail discusses, amongst other things, Bonga Main booking of -- possible booking of proved

Mr. Roosch writes, "It concerns me that we do not have the level of expertise here to come with a credible 2nd opinion, but I would expect, if we stick to the 'proved area' principle and could, in one way or another, argue for analogy," and then it continues.

Really, my question has to do with Mr. Roosch's statement that they do not have the level of expertise here to come -- or to have a credible second opinion.

In the context of this e-mail, do you know what he was referring to there, sir?

A. I believe his reference is to the first opinion, being that of Barry Knight and

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Keith Lewis, that there is the opportunity for booking some reserves at Bonga Southwest. And the reference to expertise and second opinion meant that there was no one present in his office, or his location, that knew the details of Bonga Southwest, to be able to judge whether that first opinion was indeed an accurate reflection of what was necessary for proved reserves or not.

Q. The very last line in that e-mail says: "Please do NOT" -- in caps -- "copy Anton Barendregt at this stage, as his role is to take a final view as the auditor."

 $$\operatorname{\textsc{Do}}$$ you recall discussing that with $$\operatorname{\textsc{Mr}}$.$ Roosch at any point?

- A. Specific to Bonga Southwest, I don't recall. There had been an ongoing interchange between myself and Jan Willem about the role of Anton and my ability to access him, that we discussed before.
- Q. Do you believe that that sentence was a continuation of that same dialogue between you and Mr. Roosch concerning Mr. Barendregt?
 - A. I'm sure it was related.

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that right?

Q. Prior to the dialogue with Mr. Roosch concerning Mr. Barendregt's role as auditor, and basically his advice or instruction not to have contact with Mr. Barendregt, you interacted with Mr. Barendregt in several contexts, not just the auditing context. Is

MR. SMITH: Objection to form.

- A. (No response.)
- Q. I'll withdraw the question. Let me rephrase it.

Prior to the time that Mr. Roosch indicated that you shouldn't have direct contact with Mr. Barendregt, did you seek advice of Mr. Barendregt on any reserves-related issues?

MR. SMITH: Objection to form.

A. I'm not sure I could respond to specific advice. Each of us had knowledge, and especially with situations that are complex and judgmental, one learns to consult other knowledgeable people to help make interpretations. So he and I, from time to time, would have discussions around interpretations, around experiences and thoughts

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on topics related to reserves.

- Q. Were you aware if Mr. Barendregt participated in any meetings in which methods to establish technical or commercial maturity in order to book proved reserves were discussed?
 - A. No, I was not.
- Q. Did you have any concern about Mr. Barendregt's objectivity as an auditor in light of your communications with him, and prior to Mr. Roosch's indication that you should have no direct contact with him?

MR. SMITH: Objection to form.

- A. I had no concerns.
- Q. During or subsequent to your participation in Project Rockford, did you see any information which caused you to question the objectivity of Mr. Barendregt in his role as auditor prior to 2004?
- A. The materials I saw as part of Rockford gave me insight into the condition of certain of the reserves that the group had booked. I don't know that I saw anything that translated that condition into objectivity on the part of the auditor.

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- Q. I believe you previously indicated that certain of the information that you reviewed in connection with Project Rockford would have given you cause to look further if that information had come to light in connection with the SEPCO audit. Is that correct?
 - A. That's correct.

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Q. Specifically with regard to that information, are you aware if Mr. Barendregt conducted additional review, or a review, based on that same information?

MR. SMITH: Objection to form.

Q. I'll see if I can rephrase.

With regard to the information that you believed would have caused you to conduct a further look with regard to certain proved reserves bookings, are you aware if Mr. Barendregt actually did that, took a look, based on that same information?

MR. SMITH: Objection to form.

- A. I don't know. He may have. I don't know.
- Q. Did you ever discuss that with Mr. Barendregt?

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- A. No, I didn't.
- Q. We discussed this a little bit during the course of the deposition. Did you ever have occasion to review the role of the external auditors, and by that I mean KPMG and Price Waterhouse, with regard to the proved reserves that were ultimately de-booked in connection with project Rockford?
- A. No, I don't recall any specifics about the role of the external auditors with those volumes.
- Q. Do you recall looking at the actions of the external auditors in terms of the audit process that was in place in the group, during the period of 1999 to 2004?

MR. SMITH: Objection to form.

- A. No. I don't.
- Q. Are you aware if anyone connected with Project Rockford did undertake such an inquiry?

MR. SMITH: Objection to form.

A. I'm not specifically aware of that.

Q. Only because you used the word

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No.

Page 384 14:52:54 1 RODNEY SIDLE 14:52:56 2 specifically, are you generally aware of that, 14:52:56 3 sir? 14:53:01 4 Well, I recognize that part of the Α. 14:53:03 5 broad event that was Rockford, there was the 14:53:07 6 Project Hugin team, the legal team that looked 14:53:11 7 back at Shell's practices and made 14:53:14 8 recommendations as to changes. I must assume 14:53:16 9 that one of the things they would look at would 14:53:20 10 be that relationship. But since the outcome of 14:53:23 11 that has remained largely secret, I can't 14:53:27 12 conclude -- I can't be conclusive as to whether 14:53:31 13 or not that was reviewed or not. 14:53:32 14 MR. MacFALL: Could we go off the 14:53:33 15 record for a minute. 14:53:35 16 VIDEOGRAPHER: The time is 2:52 p.m. 14:56:12 17 We're off the record. 18 14:56:12 19 (Pause in the record.) 14:56:12 20 14:56:21 21 VIDEOGRAPHER: The time is 2:55 p.m. 14:56:23 22 Back on the record. 14:56:25 23 BY MR. MacFALL: 14:56:28 24 Q. Mr. Sidle, you've identified work

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that you did in connection with Bonga and Angola

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Block 18 in Brazil while you were at SEPCO. Are there any other non-US OUs that you performed work in connection with or for during the period of 2000-2004?

- A. First, let me correct your question.

 I worked on Bonga Southwest, which is a

 different field from Bonga Main.
- Q. Thank you. I'm sorry. I did mean Bonga Southwest.
- A. Yeah. In terms of proved reserves,
 Angola Block 18, Bonga Southwest, and the
 Enterprise acquisitions in Brazil, those are the
 ones I worked on.
- Q. Just with regard to the group reserve auditor function, the position held by Mr. Barendregt, as a consequence of the work that you did on Project Rockford, did you ever form a conclusion as to whether having a single individual in the group reserves auditing function, or position, was adequate for a company the size of the group?

MR. SMITH: Objection to form and foundation.

A. Not specifically to a single

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auditor. However, the assurance function, as we saw in some of my prior e-mails, I suggested needed more people to assist in that function, whether you called them auditors or gave them some other roles, but people beyond just one person providing the review and assurance I felt was something that would be advisable.

- 0. Did you express that belief, or that opinion, to anyone within the group?
 - Α. Within ...? I'm sorry. Can you --
 - Q. Within Shell.
 - Α. Yes.

MR. SMITH: Objection to form.

- Q. Are you aware of how many people provide that assurance, or work in connection with that assurance, in the auditing function with the group now?
- I can give you an approximately, probably between fifteen and twenty. Some are Shell employees. Some are people we engage from outside. That's an approximate estimate.
- Was that change, and by that change Q. I mean from a single position to the more expanded staff, a consequence of the review that

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was done as Project Rockford, or as part of Project Rockford?

MR. SMITH: Objection to form and foundation.

- A. No, it wasn't Rockford. There was a related review called Project Hugin that made recommendations to the group, and among those recommendations were changes to the overall review process, not just auditors, but others involved in review.
- Q. Did you participate in Project Hugin?
 - A. No, I did not.
 - Q. Do you know who did?
- A. The law firm of Davis Polk & Wardwell were the primary leads, with certain Shell staff, including my current supervisor, Jim Cooper, performed the study.
- Q. Do you know of any other Shell individuals who participated?
- A. There were others on it, but I don't recall who it was.
- Q. Okay. That's fine. Do you recall the approximate time frame of Project Hugin?

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