#### STATE OF NEW MEXICO

### ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

#### OIL CONSERVATION COMMISSION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION FOR THE PURPOSE OF CONSIDERING: AMENDED APPLICATION OF SAPIENT ) CASE NOS. 12,587 ENERGY CORPORATION FOR AN UNORTHODOX WELL LOCATION AND (i) TWO NONSTANDARD 160-ACRE SPACING UNITS, OR IN THE ALTERNATIVE, (ii) ONE NONSTANDARD 160-ACRE SPACING AND PRORATION UNIT, LEA COUNTY, NEW MEXICO APPLICATION OF SAPIENT ENERGY and 12,605 CORPORATION FOR SPECIAL POOL RULES, LEA COUNTY, NEW MEXICO (Consolidated)

### REPORTER'S TRANSCRIPT OF PROCEEDINGS

### HEARING ON MOTION TO STAY ORDER NUMBER 11,652

BEFORE: STEPHEN ROSS, Deputy General Counsel, Energy, Minerals and Natural Resources Department

October 4th, 2001

Santa Fe, New Mexico

This matter came on for hearing before STEPHEN ROSS, Deputy General Counsel, Energy, Minerals and Natural Resources Department, on Thursday, October 4th, 2001, at the New Mexico Energy, Minerals and Natural Resources Department, 1220 South Saint Francis Drive, Room 102, Santa Fe, New Mexico, Steven T. Brenner, Certified Court Reporter No. 7 for the State of New Mexico.

## I N D E X

October 4th, 2001 Examiner Hearing CASE NOS. 12,587 and 12,605 (Consolidated)

	PAGE
EXHIBITS	3
APPEARANCES	4
OPENING STATEMENTS:	
By Mr. Kellahin	6
By Mr. Carr	10
APPLICANT'S WITNESS:	
DALIT WATE MDANIE (Engineer)	
<u>PAUL KYLE TRAVIS</u> (Engineer) Direct Examination by Mr. Kellahin	14
Cross-Examination by Mr. Kellanin	31
	43
Examination by Mr. Ross	43
CHEVRON/CONOCO WITNESS:	
TIM R. DENNY (Geologist)	
Direct Examination by Mr. Carr	50
Cross-Examination by Mr. Kellahin	59
Examination by Mr. Ross	63
CLOSING STATEMENTS:	
By Mr. Carr	64
By Mr. Kellahin	70
REPORTER'S CERTIFICATE	75

# EXHIBITS

Applicant's	Identified	Admitted
Exhibit 1	16	31
Exhibit 2	19	31
Exhibit 3	22	31
Exhibit 4	25	31
Exhibit 5	27	31
Exhibit 6	28	31
Exhibit 7	29	31

\* \* \*

Chevron/Conoco	Identified	Admitted
Exhibit A	52	53, 59

\* \* \*

Additional submission by Chevron/Conoco, not offered or admitted:

Identified

Rule 62.D,	Rules of Civil Procedure	68
70-2-27.B	(Oil and Gas Act)	69

### APPEARANCES

FOR THE APPLICANT:

KELLAHIN & KELLAHIN
117 N. Guadalupe
P.O. Box 2265
Santa Fe, New Mexico 87504-2265
By: W. THOMAS KELLAHIN

FOR CHEVRON U.S.A. PRODUCTION COMPANY and CONOCO, INC.:

HOLLAND & HART, L.L.P., and CAMPBELL & CARR 110 N. Guadalupe, Suite 1 P.O. Box 2208
Santa Fe, New Mexico 87504-2208
By: WILLIAM F. CARR

\* \* \*

ALSO PRESENT:

LORI WROTENBERY Director, NMOCD Chairman, NMOCC

DAVID BROOKS
Attorney at Law
Energy, Minerals and Natural Resources Department
Assistant General Counsel
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

WHEREUPON, the following proceedings were had at 1 11:17 a.m.: 2 EXAMINER ROSS: Okay, we're ready to roll on. 3 This is Case Number 12,587 and Case Number 12,605, which 4 5 are actually before the Oil Conservation Commission de novo, Applications of Sapient Energy. We're here on the 6 motion to stay Order Number 11,652. 7 Counsel, would you please enter your appearances, 8 9 please? Yes, Mr. Examiner, I'm Tom 10 MR. KELLAHIN: Kellahin of the Santa Fe law firm of Kellahin and Kellahin, 11 12 appearing on behalf of Sapient Energy Corp. I have one 13 witness to be sworn for this proceeding. 14 MR. ROSS: All right. My name is William F. Carr with the 15 MR. CARR: Santa Fe office of the law firm Holland and Hart, L.L.P. 16 We represent Chevron U.S.A. Production Company and Conoco, 17 Inc. I have one witness. 18 19 MR. ROSS: All right, thank you, gentlemen. 20 I sent you both a letter on September 27th kind 21 of outlining the ground rules for this proceeding. We're 22 here to take testimony essentially in support of, or in opposition of, the motion. 23

I understand the grounds for the motion are that were the well to be shut in as ordered by the Division, the

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well would essentially be damaged in some respect, and there may be an issue raised by Mr. Carr concerning the appropriateness, factual appropriateness of the bonding. So I'd suggest we take testimony on those issues.

The Director is actually present in the room, and hopefully we can expedite some decision on this, but we do intend also to expedite the transcript and get that prepared as quickly as possible, because we understand there's some urgency concerning this motion.

So with that, would you call your first witness?

MR. KELLAHIN: May it please the Examiner, I

would like to make a brief opening statement at your

pleasure. Perhaps you'd like to swear the witnesses before

I do that. I'll make a short opening statement with your permission, and then we have a short evidentiary

presentation from the president of Sapient Energy Corporation.

MR. ROSS: All right, thank you. Maybe we should get the witnesses sworn.

(Thereupon, the witnesses were sworn.)

MR. ROSS: You may proceed.

MR. KELLAHIN: Thank you, Mr. Ross.

Without describing the details specifically of the case that is the subject of this matter, let me simply briefly tell you that the Division on September 13th

entered Order Number R-11,652. The results of that decision are adverse to the position taken by Sapient.

What it required is the Barber 12 well be shut in and that there be a balancing of the account for the production from that well, from its inception, among the appropriate parties in a spacing unit that would include the northeast quarter of Section 7. It would be for Tubb gas production. Tubb gas production at that depth is generally spaced on 160 acres, and under Rule 104, it's in the shape of a square. For your information, the square is divided east half and west half.

The well was acquired by Sapient through a series of transactions. It was originally recompleted by Cross Timbers for production, I believe, in August of 1999. The well was then sold to Falcon Creek, and then Sapient acquired the wellbore.

In the paper trail of activities, Cross Timbers filed for a spacing unit that would include the east half of the east half of the section, and production was apportioned and distributed in that fashion.

For your information, the east half of the east half is one single leasehold, so the interest owners are the same.

The decision was entered on September 13th.

On September 19th, on behalf of Sapient, we filed

for a de novo hearing before the Commission. In addition,

I filed a motion to stay the Examiner Order.

For your information, Mr. Ross, the practice before the Division has been, the filing of a *de novo* application is presumed not to immediately or automatically stay the Examiner Order. It requires something else. And pursuant to that practice, then, I filed the something else.

The something else was that Sapient is prepared to demonstrate to you this morning that if the well is shut in damage will occur to the wellbore. That damage is significant, the well is sensitive to shut-in, and it would be wasteful to do so.

What we contend is, if Sapient ultimately loses before the Commission with an adverse decision, it becomes an accounting problem. We're going to have to re-balance, if you will, the gas production.

The custom and practice of the industry is to balance gas under a gas balancing agreement where parties sign an operating agreement and the industry uses the custom and practice of gas balancing.

We would propose to engage in that solution if Sapient ultimately loses.

The issue before you, then, is whether the well should be shut in or not and, in addition, whether or not a

bond should be posted to ensure the satisfactory performance by Sapient of a compliance procedure to rebalance the equities.

It is our position that a bond would be an extraordinary solution. To the best of my recollection, I cannot think of an occasion where that's happened. It may have occurred. If so, it would be unusual.

We are opposed to establishing a bond, we're opposed to posting it, we're opposed to having a letter of credit to guarantee the performance, and here's the reason why.

Sapient has brought their reservoir engineer, their petroleum engineer before you, but he's also president of the company. He will demonstrate to you that they have the financial capacity to perform the requirements that the Division or the Commission may ultimately decide are necessary, and they're a viable entity.

In addition, using Conoco's own testimony at the Examiner hearing, Conoco demonstrated by their own calculation that the well at that time still had two BCF of additional gas to be recovered. It is our position that there is sufficient gas to be recovered that we can enter into the custom and practice of the industry for gas balancing. It's a concept that Conoco suggested at the

Examiner Order to balance the equities. At that hearing they did not ask for a cash settlement or a check; they were talking about gas balancing. And so that's what I'm talking about.

In addition, regardless of what happens, Sapient and the interest owners in the east half of the spacing unit, if it's to be a square, are still entitled to half. The other half will be distributed in such a fashion that if Conoco prevails they'll have 18.7 percent of the production, and Chevron will have 9.35

So that's our position, that we're opposed to posting a bond, we'll present evidence with regards to those issues, we'll talk about the concept of gas balancing, but foremost we think it is in no one's interest to shut the well in, and we will have that proof for you in just a moment.

MR. ROSS: Thank you. Mr. Carr?

MR. CARR: Mr. Ross, on September 13th, the Division determined that Sapient was illegally producing this well. The next thing Sapient does is ask that you permit them to continue to produce the well, in violation of that Order, because of things they have recently done to that well.

They sought a stay. We looked at the data, we could not see that it warranted special relief again for

Sapient to let them just go forward and continue to produce a well and drain reserves from us. We're not the operator, we don't have the information available to us, either Conoco or Chevron, that's available to Sapient, and so we're here today to hear what it is they think has put this well in risk.

If you decide to stay the Order and let them continue to produce, we are here asking you to require adequate sureties to indemnify all persons who may suffer damage by Sapient by its continuing to produce the Bertha J. Barber Well Number 12 and retaining all the proceeds.

To succeed in obtaining this stay, there are certain standards, certain things they are required to show. One is likelihood that they will prevail on the merits on appeal. We'd like to see what it is they think they're going to show that would dictate a different result from what they obtained below.

They have to make a showing of irreparable harm, and that's when we're going to be interested in what they say they've done to the well.

They have to show there's no substantial harm to any other interested party. And we submit that we continue after two years to sit with production being drained from us, with no assurance that, based on past performance, there's ever going to be anything but a legal fight over

whether or not they're entitled or going to be required to pay, and we have no guarantee that the company, if it's sound today, will be sound when we get to that point in time, and they have to show there will be no harm to the public interest.

What we do know is that since August of 1999,
Sapient has been producing this well from the Tubb
formation. And what seems to be forgotten in this whole
argument is that today, as in August of 1999, there is a
spacing unit for the well. If I drilled a well in this
room it would be in a spacing unit, because we are prespaced. And that spacing unit stands until a different
spacing unit has been approved, and none has ever been
approved for the Bertha Barber Well Number 12. And that
spacing unit was, and is, the northeast quarter of Section
7. And Sapient only owns half of that. Conoco and Chevron
owns approximately 30 percent of the production from the
well. We own it today. The production has been taken, it
has been sold, and we have not been paid. And now you have
found they're illegally producing.

As we look at this we've concluded that just being entitled to a volume balancing after the fact isn't enough, because they've taken the production, they've sold it at times when the market was strong and the prices were high, and we're seeking a cash balancing, and if we have to

we will resolve that in the District Court of Lea County.

But now they want to appeal the ruling. They have the right to do that at the Division. They stand before you, though, producing a well on a spacing unit that's never been approved, with a well that was at an unorthodox location for over two years, and I guess they're trying to stay the Order as it relates to that location.

And now they don't even want to post a bond, they say it's extraordinary. And we'll show you, and as Mr.

Brooks pointed out in an earlier case today, there may not be anything directly on point in the rules and regulations of the Oil Conservation Division, but when we look at the Rules of Civil Procedure we see that when you're appealing an order, a bond is generally a condition, and a condition precedent, to an effective stay.

So we're here today, we're interested in hearing what they have to say about the damage to the well, and if you determine that the Order has to be stayed to protect that well, we're going to ask you to require as a condition of that staying a posting of a bond as the past production and an order that requires future production proceeds be escrowed.

MR. ROSS: Thank you.

Call your witness?

MR. KELLAHIN: Yes, sir, we call Mr. Kyle Travis.

	43
1	PAUL KYLE TRAVIS,
2	the witness herein, after having been first duly sworn upon
3	his oath, was examined and testified as follows:
4	DIRECT EXAMINATION
5	BY MR. KELLAHIN:
6	Q. Mr. Travis, sir, for the record, would you please
7	state your name and occupation?
8	A. Paul Kyle Travis. I'm president of Sapient
9	Energy Corp.
10	Q. Where do you reside, sir?
11	A. Tulsa, Oklahoma.
12	Q. Do you hold any professional degrees, Mr. Travis?
13	A. I'm a petroleum engineer by degree and a
14	registered petroleum engineer in the State of Oklahoma.
15	Q. What is it that you do for your company, sir?
16	A. I am, as I stated, president. I also act as
17	operations manager, if you will. All the engineers and
18	field personnel are under my direction.
19	Q. So when I describe to Mr. Ross the position
20	Sapient has taken concerning the sensitivity of this
21	wellbore to shut-in, that would be within the scope of your
22	expertise and responsibility?
23	A. Yes, it would.

viability to properly perform the requirements under  ${\tt a}$ 

In addition, when we talk about the financial

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Commission order, should it be adverse to Sapient, that 1 would be something within the scope of your knowledge and 2 experience? 3 Yes, it is. 4 Α. When we talk about the concept of the industry 5 Q. practice to engage in gas balancing for gas production, is 6 7 that also something within your knowledge and expertise? Yes, it is. 8 A. 9 MR. KELLAHIN: We tender Mr. Travis as an expert witness. 10 11 MR. ROSS: Objection? MR. CARR: No objection. 12 13 Q. (By Mr. Kellahin) Let's talk about the well, and 14 then we'll talk about the other issues, Mr. Travis. 15 Α. All right. Are the engineering exhibits that we're about to 16 Q. look at exhibits that were prepared by you directly or 17 18 under your direction and supervision? 19 Α. Yes, they were. 20 In addition, is the data for the well that we're Q. 21 about to show data that is generated in the normal course of business for managing and operating a well such as this? 22 Yes, it is. 23 Α. 24 Q. Let's turn to Exhibit 1 and have you identify 25 that for us.

A. Exhibit 1 is a rate-versus-time graph of the Barber 12 well in Monument Field.

- Q. When we look at the rate, on what scale do we find the rate?
- A. The rate would be on the left-hand side. The red line is a gas production, monthly gas production, presented in MCF per month.
- Q. The two lower lines, there's one that is a light black line. What does that represent?
  - A. That's a GOR curve that shows the gas-oil ratio.
- Q. And the bottom plot is a green line. What does that represent?
  - A. That represents oil production.
- Q. All right. When you look at this data as displayed, what engineering issues are important to you? What do you see?
- A. The reason this graph was shown is, I'm showing what happened to the well back in May and June where the solid vertical line is that's drawn around the first of May, and in May the gas purchaser curtailed our production. They were having plant problems or something and curtailed our production and had us choke the well back from -- it had been producing about 1100 MCFD, and had us choke it back to between 500 and 750 MCFD. And so that was the latter part of May and the first part of June.

And then at a point in June they said, Okay,
Sapient, we've got our problem fixed, you can bring your
well back up. And we opened the choke back up, thinking
the well would return to its previous established rate, and
it did not. It produced at about 850 MCFD at that point.
Could not get back -- Prior to that, as I said, it had been
producing close to 1100 MCFD.

So something, you know, had occurred to the well to damage it.

- Q. Did you attempt to investigate, to the best of your engineering ability, what was the cause for the inability of the well to return back to its accustomed daily performance rate prior to the purchaser requiring you to restrict production?
- A. Yes, we did. We had seen, in some previous work on the well, scaling tendencies in some of the surface equipment, so we suspected that we might have a scaling problem. And that's a problem that we've seen in other wells in the Permian Basin when you have curtailments, either by pipeline problems or electrical storms that knock your wells down for a day or two. Sometimes when you bring them back on they don't come back on at the previous rates.
  - Q. What does "scaling" mean?
- A. Scaling is the formation of solids, usually either calcium carbonate or calcium sulfate, that develops

in areas where there's a pressure drop, sometimes at the formation face, sometimes on your downhole equipment and your pump and your perforated subs and sometimes at the surface where this solid material plates out and restricts flow into your well. It's normally associated in wells that make either some water, either small quantities or large quantities of water.

We had the water analyzed in this well, and it indicated that there were both calcium carbonate and calcium sulfate scaling tendencies of the water. So at that point we thought we had a scale problem.

Is there established practice within your profession on how to remediate or attempt to clean the well when it's subject to scaling?

- A. Yes, calcium carbonate is normally acidized with hydrochloric acid, and it will usually dissolve the calcium carbonate scale. Calcium sulfate requires a different chemical, you approach the two problems differently. So at this point we did not know which we had or -- you know, there's always the possibility that we even had a combination.
- Q. Did you engage in remedial action on the well to attempt to restore it to its original level of productivity?
  - A. Yes, we did.

- Q. And when did you commence that effort?
- A. We started that work in August, and on August 24th we pumped 2000 gallons of a chemical called X-25, which is a sodium hydroxide chemical which we had tested some of the calcium sulfate scale that we found on the equipment, we tested that in that liquid, and it was successful in dissolving that scale. So we pumped 2000 gallons of that chemical down our tubing.
- Q. Let me direct your attention, Mr. Travis, to what has been marked Exhibit 2 for the purposes of the hearing today. It also shows an Exhibit 1 sticker. This first page was attached to the motion to the Division to ask for a stay. The subsequent attachments represent an updated data sheet, if you will, that's been supplemented since it's been filed with the Division; is that not true?
  - A. That is correct.

- Q. The only changes that have occurred are towards the end of the exhibit where there have been additional daily data put on the tabulation?
  - A. That is correct, it's updated --
  - Q. Everything else is the same?
  - A. Right, updated through October 2nd.
- Q. And this letter purports to be signed by you. Was it, in fact?
  - A. Yes, it was.

Q. Without going through the specifics of the data, can you draw our attention to conclusions that you can make based upon that data?

- A. Yes. It's my belief that this well has indicated its sensitive nature based on the way it produces. On the situation that I described in May and June when the well was just curtailed, it was unable to come back again. This is not an entirely unique situation, it's the same situation we've seen in other wells. But I think if we were to shut this well in at this point, when we brought it back on it would not be the same well that we had when we shut it in. And furthermore --
- Q. Is that an incident where it is a temporary postponement of production, or are you truly affecting the ultimate recovery from the well?
- A. It could be permanent. At best you would have to overcome the damage by pumping another treatment, and you would certainly hope that it would come back to its previous established rate, but there's no guarantee.

  Again, I've seen wells that have not.
- Q. In May and June, then, when the pipeline purchaser required you to curtail it, your curtailment was down to approximately 500 to 750 a day?
  - A. That is correct.
  - Q. And subsequent to that, you were not able to

restore it to its original rate of 1100 a day?

- A. That is correct.
- Q. Let's talk about what's happened since the treatment.
  - A. Okay.

- Q. Now, let's talk first of all, the cost involved. What is the approximate cost of engaging in this kind of remedial activity?
- A. Oh, depending on the type of treatment and size, typically going to spend somewhere between \$10,000 and \$20,000 on treatment.
- Q. All right, the well's been treated. What's happened?
- A. Okay, after we pumped that 2000 gallons, the well locked up and was unable to produce anything. By pumping this treatment we had created more problems than we solved with the chemicals. So it became apparent to us that we had more than just a calcium sulfate problem.

We tried to pump some KCl water, thinking that there was a chance that our rock salt that we had pumped as a diverter may be blocking up our perforations, just hoping to dissolve that. That did not work.

And we got samples out of the well, we were able to swab the well, and we got samples of very dirty-looking water, black and gray water that had solids suspended in

it, and we ran various tests on different fluids to see what would break that down, thinking that we could pump that down the well and hopefully dissolve whatever damaging material had been created by pumping the other fluid.

And we determined that hydrochloric acid worked good, and we pumped a remedial treatment of 2000 gallons of 15-percent HCl down the well and nitrified it to give it energy just to clean up quicker.

- Q. Let me ask you to turn your attention to Exhibit
  Number 3. After engaging in the remedial activity, did you
  return the well to production?
- A. We did, the second treatment was successful. With a little swabbing it kicked off and started flowing.

  Immediately it jumped up around the 600 MCFD range and then steadily improved on a daily basis after that.

This Exhibit 3 is a graphical presentation of the production on a daily basis -- these are MCFDs on the left and dates on the bottom -- where we are showing graphically that this production has improved daily, typically 3 to 6 MCFD each day that it allows to produce.

And that fluid that's coming back is still very dirty, it's -- By virtue that the well is improving each day, it's obvious that it's continuing to clean up. I mean, if a well was cleaned up where at its normal producing rate it would be steady or declining slightly --

- Q. What's currently being reported to you as the description of the fluids being recovered from the well at this point?
- A. The fluids are described as blackish-gray with suspended solids that, if left alone or heat applied to them, these particles settle out in an estimated 1-percent sediment. So --
  - Q. What does that tell you?

A. That tells me that this fluid down there is still -- the particulates and the fluid that were pumped down the hole, there's still residue down there that needs to come out of the well to enable it to produce at its full capability. Again, if we were to shut the well in at this point while the well is still cleaning up and these damaging fluid and particles are down there, there's a good chance they'll be entrained in the pore throats and cause damage.

In that situation it's entirely possible that if the fluids are entrained in the pore throats and change the relative perm to gas, that again you could cause permanent damage that may not be able to be rectified by a treatment.

Q. Under the current cleanup procedure for the last remedial action, do you have an estimate or an approximation about how much longer you'll have to consider to produce the well to the point where you think you have

accomplished all you can, based upon that last treatment?

- A. At this current rate of improvement of 3 to 4 MCFD improvement per day, I would guess at least a couple of months to get back up to that 1100.
- Q. And there is no indication at this point as to whether the well will return to that capacity or not?
- A. There's no guarantee, but the trend is certainly encouraging as it continues to improve each day.
- Q. All right. My question, is it premature to know, based upon the current data, as to whether you can restore this well to the 1100-a-day rate that it enjoyed in May?
  - A. It is premature to know that.
- Q. What is your professional judgment and opinion to the Examiner concerning shutting the well in?
- A. It's my opinion that shutting the well in will certainly cause damage, that to allow the well to continue to produce harms no one, to shut it in introduces a high degree of risk that the well will be damaged, and possibly permanently damaged.
  - Q. Let's turn to another chapter, or topic.
  - A. All right.

Q. Let's talk about what your records show in terms of production from the well on a monthly basis and your estimates as to the value of that production. And to illustrate this topic, let me direct your attention to

Exhibit Number 4. Was this an exhibit prepared by you or 1 under your direction and supervision? 2 Yes, it was. Α. 3 o. Before we talk about the details, tell us how to read the display. 5 Okay, this table is broken into three different 6 time periods. I have the months shown on the left-hand 7 The first group is subtotaled with Cross Timbers 8 That is, Cross Timbers was the company that deepened 9 data. this well, recompleted it and sold it to Falcon Creek. 10 11 The next four lines constitute the period of time when Falcon Creek operated it prior to their merger with 12 Sapient Energy. 13 14 So then the last group of data is the period of 15 time that Sapient has operated this well. 16 So as you move across the right, we have both gas 17 volumes and oil volumes and then sales proceeds, taxes, then the net is only the value less the tax. Nothing has 18 been shown on here in terms of operating costs or the costs 19 20 to deepen and recomplete the well. 21 All right, let me make sure I understand what net Q. 22

- means to you on this display. Net is simply taking the value less the tax, gets the net?
  - Α. Correct.

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Q. This net does not reflect any contribution by interest owners for the cost of the wellbore or the recompletion into the Tubb?

A. That is correct.

- Q. And it doesn't take into consideration the operational costs that were generated by the various operators to the well?
  - A. That is correct.
  - Q. All right, what happens in the last two columns?
- A. The last two columns, that net figure is split into royalty and working interest net revenue, just for the purpose of showing the Division the royalty owners and working interest owners.
- Q. All right. If we look down through the display, then we can see on a monthly basis the gas volumes, the value and read through the chart and have that information?
  - A. Correct.
- Q. All right, let's set this aside for a minute. We'll come back to it later. Let's set that aside.

I represented to Mr. Ross that Sapient had the financial ability to satisfy the performance required if the Commission order is ultimately adverse to your position. Do you agree with what I said?

- A. That is certainly correct.
- Q. Do you have an exhibit that illustrates and demonstrates that fiscal or financial ability?

- A. Yes, we've got Exhibit 5 prepared here, which is a summary of our financials, which shows Sapient to be in very sound financial shape, a very profitable company, a company that could -- although we think we are going to win this case, could easily endure the financial requirements if we were to lose and have to pay as Conoco requests.
  - Q. Let's talk about what Conoco's requested.
  - A. Yes, let's.
  - Q. Let's turn to Exhibit 6, and let's --
  - A. Just --

- Q. -- talk -- Excuse me.
- A. Before we leave Exhibit 5, I'd just like to point out -- I don't know, just to make sure the Examiner is aware of the units that we're talking about here, Sapient has almost \$83 million in assets. We have a borrowing base from a bank of \$50 million, and we have only borrowed \$23 million. So we have an unused line of credit of \$27 million. So again -- And then in the last 12 months we've cash-flowed \$30 million. So I mean if it's -- a million, half million is very -- is a figure that we can handle.

I'm sorry.

Q. Let's go back to Exhibit 4 now, and if we look at the potential range of the value for the makeup gas, and if the remaining future recoverable gas under any gas balancing is insufficient to balance the account, in your

opinion does Sapient have the necessary financial resources to cash balance on the remaining?

A. We certainly do.

- Q. And that, in fact, is the custom and practice of the industry with regard to gas balancing, isn't it?
  - A. Yes, it is.
  - Q. Let's go on and talk about what Conoco has said.
- A. All right.

- Q. At the March 1st hearing, Conoco's engineer, Mr. Lowe, provided some reservoir engineering estimates using his own methodology on what he thought was the estimated ultimate recovery of gas from the Barber 12 well; is that not true?
- A. That is correct. Mr. Lowe testified that it was his estimation that there were 2.8 BCF of ultimate recoverable reserves in this well.
- Q. I'm directing your attention to Exhibit Number 6.

  Have you reviewed that portion of Exhibit 6 that refers to

  Mr. Lowe's testimony about his estimate of ultimate
  recovery?
  - A. Yes, I have.
- Q. Now, let's put that in context, if you will, Mr. Travis. Approximately how much of the 2.8 BCF of recoverable gas has currently been produced from the well?
- A. Okay, if you go back to Exhibit 4 and look at the

total line, it shows through July that about 756 million cubic feet had been produced. Since that time, you know, here we are, early October, so you have August and September production. Estimating volumes similar to July puts you at about .8 of a BCF of gas have been produced from this well.

- Q. Let me direct your attention to Exhibit 7 now, which is that portion of the March 1st transcript in which Mr. Lowe again, on behalf of Conoco as their engineer, is talking about how to account to the parties in the event Conoco should prevail and there had to be a reallocation. Are you familiar with this portion
  - A. Yes, I am.

- Q. -- of the transcript?

  What is Mr. Lowe describing here?
- A. He's describing the industry practice of gas balancing, which is a routine and customary method that oil and gas companies use to resolve imbalances in gas production.
  - Q. Was Mr. Lowe asking for a cash payment?
- A. No, he states specifically in his testimony that they did not seek a cash payment, that they sought gas balancing --
  - Q. Was Conoco worried --
  - A. -- in the event that they were successful.

Was Conoco worried back in March about the Q. 1 financial viability of your company? 2 Α. There was no indication of that. 3 Were they asking in March that you post a bond in Q. 4 the event you should and have to indemnify performance? 5 Α. No. 6 Describe for us what you mean by gas balancing. Q. 7 Gas balancing, again, is the usual and customary Α. 8 practice that -- Most modern joint operating agreements 9 have a clause in there for gas balancing where the interest 10 whose production is underproduced have the opportunity to 11 make up that gas by taking portions of the overproduced 12 13 party's gas, and those percentages can vary depending on 14 the wording in the operating agreement. 15 It's our opinion, again, that we will win this hearing, but in the event that we were to lose, this 16 17 accounting problem, this gas imbalance, could easily be 18 handled with a mutually agreeable gas balancing language in the joint operating agreement. Again, it's the methodology 19 20 that Conoco proposed at the hearing in March. 21 MR. KELLAHIN: Mr. Ross, that concludes my examination of Mr. Travis. 22 23 We would move the introduction of Sapient's 24 Exhibits 1 through 7. 25 MR. ROSS: Any objection?

MR. CARR: No objection. 1 MR. ROSS: They will be admitted. 2 Any cross? 3 CROSS-EXAMINATION 4 BY MR. CARR: 5 Q. Mr. Travis, I think Mr. Kellahin said the 6 ownership under the east half, east half, was common; is 7 that correct? Is the ownership in the east half of the 8 northeast and the east half of the southeast the same? 9 Α. That is correct. 10 11 Q. Do you know what the ownership is in the west 12 half of the northeast? 13 Α. No, I don't. You've indicated in some of these calculations 14 Q. 15 that some royalty obligations have been met. Have you made any provision to pay royalty to any interest owner in the 16 17 west half of the northeast? 18 Α. No, we have not. You've talked about gas balancing in your 19 20 testimony today, being the customary way that imbalances are handled in the industry. That's usually done by 21 22 agreement between the parties, is it not? That's correct. 23 A. 24 And are you aware of any circumstance where gas 25 balancing was somehow ordered when one party was denying

1 the right of the others to share in the production at all? Yes, I have. Α. 2 And when was that? Q. 3 There are cases in Oklahoma where companies have Α. 4 been forced to gas balance when there was no language in 5 the operating agreement. 6 Are those cases after the fact when one party has 7 denied the right of the other to share in the production in 8 the first place? 9 10 Α. Yes. 11 And they were ordered after a proceeding in the 12 district court, or in the courts? 13 Α. In the courts, I don't know what level. And you understand this dispute is already in the 14 Q. 15 courts between Conoco and Sapient? 16 Α. Yes. 17 Q. When Mr. Kellahin was asking you questions about the testimony in March by Mr. Lowe, I don't recall that 18 there was any issue in that case about the viability of 19 20 Sapient financially. Do you recall that being an issue at all? 21 No, that was his point. 22 A. 23 Q. It wasn't being discussed, it wasn't --24 Α. It was not an issue. 25 Q. One way or the other?

- If it was an issue to Conoco and Chevron, it was 1 Α. not voiced. 2 At that point in time there was no order from the Q. 3 Oil Conservation Division on any of the issues between us, 4 was there? 5 That is correct. Α. 6 7 0. And there was no discussion concerning a bond at that time? 8 That is correct. Α. 9 At that time, then, we had certain numbers about Q. 10 the ultimate potential recovery from the Bertha J. Barber 11 12 Number 12 well at what, 2.8 BCF? 13 Α. Mr. Lowe testified to 2.8 BCF. 14 There was no question at that time about whether Q. or not the wellbore had been damaged; isn't that right? 15 Α. That is correct. 16 When we look at the wellbore and the decline that 17 Q. you show on Exhibit Number 1, it was clearly -- there was 18 clearly a decline in the production rate. You're satisfied 19 this isn't just the result of a pressure depletion; is that 20 21 right? 22 A. Which point are you talking about? I'm looking at Exhibit Number 1 and the --23 Q.
  - A. Right.

24

25

Q. -- decline we were seeing in May and June.

That's not pressure depletion of the reservoir?

- A. I do not believe so at that time. I think the fact that the well is continuing to improve looks like it's going to come back up and hopefully intercept that previous established decline. I do not know.
- Q. Why has it been taking so long for the well to clean up? Do you have an opinion on that?
- A. "So long" is a relative term. Actually, we're quite pleased with the rate that the thing is cleaning up, so --
- Q. Did you have sand in the wellbore at the time you acidized or anything that might slow down the recovery?
- A. Prior to the acidization we had sand in the wellbore, which we cleaned out.
- Q. Can you warrant that if this takes months or years to conclude, that in fact this well will be continuing to produce as projected?
- A. I cannot warrant that. I can warrant to the financial stability of Sapient Energy.
- Q. And looking at the data, if that is the accurate financial picture of Sapient -- I'm not challenging that -- you could take that data and you could secure a bond, could you not?
  - A. Yes, we could.
  - Q. But you don't want to do that?

A. No, we don't. 1 You don't want to shut in the well? 2 Q. We do not want to shut in the well. Α. 3 You want to continue to produce the well until Q. 4 5 there's a final resolution of this dispute, is that --That is correct. We want to continue to produce 6 Α. the well till the well is plugged. 7 Are you willing to place -- escrow the production 8 Q. proceeds until this matter is resolved? 9 We do not desire to do that as well. 10 So you want to -- The OCD has ruled that you're 11 Q. 12 illegally producing the well, we know that today, correct? That's the ruling of the Division. 13 14 A. Those are your words. 15 Q. Have you seen the Order from the Oil Conservation Division? 16 17 Α. Yes, I have. Have you read Finding 14? Have you read the 18 Q. Order? 19 I've read it. 20 A. Did you see the findings where it concluded that 21 Q. the well had been illegally produced? 22 23 Α. If it's in there, then I read it. 24 And yet you don't want to shut it in and you 25 don't want to escrow the funds?

1	A. That is correct.
2	Q. And you don't want to post a bond?
3	A. That is correct.
4	Q. Are you interested in getting this to a quick
5	resolution?
6	A. Yes.
7	Q. Is there any reason that you've filed for hearing
8	de novo too late to get it on the October docket?
9	A. I did not file that. You'll have to ask our
10	attorney.
11	Q. The longer the well produces, the more you will
12	be draining the reservoir?
13	A. Let me say this, relating to the date again, that
14	our attorney filed that. There was no effort on Sapient's
15	part to delay that, there was nothing done intentionally to
16	try to draw the process out.
17	Q. The longer you continue to produce this well, the
18	more it's going to drain the reservoir; isn't that fair to
19	say?
20	A. Correct.
21	Q. The well is at an unorthodox location; is that
22	not true?
23	A. Yes, it is.
24	Q. It's encroaching on a Chevron tract to the north;
25	isn't that right?

- A. Which they have approval to drill a well in that.
- Q. And until there is a well offsetting it, you're continuing to be able to drain out from that well onto the Chevron property?
- A. I don't know that I'm draining out onto the Chevron property.

- Q. Is it your testimony that you don't think this well, having produced the volumes we see, has drilled [sic] more than 330 feet from the wellbore?
- A. It's very possible. Chevron's own documentation presented at the last hearing, they filed data that said their well was too tight to produce over there, so we don't know where the productive reservoir extends into theirs.

  And until they drill a well, we won't know. And they have the right to drill a well, they received approval. And I don't know. Have they drilled a well out there?
- Q. When you state they received approval to drill a well, that was just recently received from the Division; is that correct?
  - A. Two or three weeks ago.
- Q. They sought approval late in the year 2000, did they not?
  - A. That is correct.
- Q. And they propose to re-enter a well 330 feet off the common lease line between your tract, on which the

Barber well is located, and their tract? 1 Α. That is correct. 2 And you objected to that, did you not? Q. 3 We objected to it and then withdrew our A. 4 objection. 5 Q. And because of that objection there were 6 additional delays; isn't that right? 7 That is correct. Α. 8 And you were objecting to a well offsetting you 9 Q. as close to the common lease line as you were? 10 A. That is correct. And then we withdrew our 11 objection and, due to their own failure to notice, were 12 denied the ability to drill the well for a period of time, 13 correct? 14 15 Q. And you withdrew your objection the day before the hearing, correct? 16 17 Α. Correct. 18 And are you testifying that you have some expertise in the rules of the Division when you're --19 No, I am not. 20 A. 21 -- talking about notice? Q. If this matter goes on for an extended period of 22 time, you stated you couldn't warrant that this well would 23 still be producing? 24 25 Α. No, but I warrant that we will be financially

strong enough to take on any cash balancing obligation that could result.

- Q. Can you warrant that two, three years from now you'll be in that position?
  - A. Yes.

- Q. And couldn't you then take that data and obtain a bond to secure --
- A. We could, but it's not necessary. It's an expense -- I look at -- I mean, the fact that we can does not mean that we should. I look at -- When we make expenditures, I look at it like spending our own money, and I think it's an extraordinary request, I think it's unnecessary, and I don't think we should be required to obtain a bond.
  - Q. Have you obtained one before?
- A. We have obtained letters of credit before, which can act like a bond.
- Q. Do you think it's appropriate to ask Conoco or Chevron or the OCD to evaluate and monitor your activity to assure that someday you can perform on an obligation you may have?
- A. I don't think it's necessary, and I don't think it's required.
  - Q. Do you know of anyone who's been asked to post a bond that thought it was necessary?

A. Yes.

- Q. Who?
- A. People who hedge oil and gas, they understand the necessity behind a bond or letter of credit.
- Q. Do you know what the spacing unit for the Bertha Barber well is today?
  - A. 160 acres.
- Q. And do you know that that have been the spacing unit since August of 1999?
  - A. Yes.
- Q. And you do know that because of that there are other interest owners who, as long as that is the spacing unit, are entitled to share in the production from that well?
  - A. If that is ultimately -- well -- Yes.
- Q. You keep saying that you're confident you're going to prevail. Could you explain to me the basis for that statement?

MR. KELLAHIN: Objection, Mr. Examiner, there's no reason, justification for Mr. Carr to engage in what we intend to prove at the Commission level. He's trying to apply a district court standard for staying a district court decision on appeal. Frankly, the standard here is, we're entitled to a *de novo* hearing, which means hearing anew, and we shouldn't go into a lengthy discussion about

what Mr. Travis thinks or doesn't think about his chances of prevailing.

It's not a requirement here of the Division concerning a stay, and Mr. Carr is asking you then, to establish standards, and we're opposed to the standards he's choosing to establish.

MR. CARR: Mr. Ross, I was present in the room earlier today when I thought I heard a learned legal scholar state that even though we don't have precise rules that we look to the Rules of Civil Procedure unless there's something contrary, and the rules of the Oil Conservation Division, the Rules of Civil Procedure have definite standards, and the cases interpreting those set the standards, and one of them is likelihood that they'll prevail on appeal.

They need to show they're going -- they think they've got a chance. To do that, I think they ought to show what they have that would suggest that they have anything other than been producing with an unapproved nonstandard spacing unit.

MR. ROSS: Yeah, I understand. I think you've made the point, though. I've got it loud and clear, so why don't we move on a little?

Q. (By Mr. Carr) And maybe this question should be directed to Counsel, but I'm curious as to what it is

you're seeking to stay. Are you seeking to stay just the 1 shut-in requirement or the entire Order? 2 MR. KELLAHIN: Mr. Examiner, the Division 3 Examiner, Mr. Stogner, approved the well location, and he 4 did so for lots of reasons. We're not seeking to have the 5 location now disapproved; that's absurd. We're seeking not 6 7 to shut the well in. And we're opposed to Conoco and 8 Chevron's request that should you allow the well to be 9 produced that we have to post a bond. And that's where we 10 are. MR. ROSS: So I was -- I was going to ask the 11 12 same question. MR. CARR: Are you seeking to stay the findings 13 concerning the illegal production of the well to date? 14 15 MR. KELLAHIN: Mr. Examiner, that's nonsense. We're entitled to a Commission hearing on all issues. 16 We're not asking for us to take an appellate process to the 17 district court at this point. We are staying the 18 requirements on a temporary basis to let the status quo 19 20 maintain ourselves till we get to a Commission decision. 21 MR. ROSS: So the request for stay is just to 22 those parts of the Order that imposed a shut-in of the well 23 immediately? 24 MR. KELLAHIN: Yeah, they're ordering portions --25 MR. ROSS: Right.

MR. KELLAHIN: -- you know. Mr. Carr and I can 1 fight about the findings till the cows come home. 2 MR. ROSS: Right. 3 MR. KELLAHIN: What we're looking at is, we can't 4 engage in gas balancing at this point. Mr. Stogner has 5 asked us to shut the well in and reallocate. So it's 6 that -- what we're seeking to stay. 7 MR. ROSS: Okay. 8 MR. CARR: I understand that what they want to 9 stay is only portions of the Order adverse to them. 10 MR. ROSS: 11 All right, anymore cross, Mr. Carr? MR. CARR: Just a minute, please. 12 That's it. 13 MR. ROSS: I do have some questions of Mr. 14 Travis --15 16 THE WITNESS: All right. 17 MR. ROSS: -- if you can indulge me for a minute. 18 EXAMINATION 19 BY MR. ROSS: 20 I noticed Exhibit 2, towards the end, the graphic summary you have of the various production levels, has some 21 22 of the information on the water production, at least through the months of September and into October. Can you 23 24 tell me what the water production was previous to that point? 25

Α.	It was one to two barrels of water a day. And
that's	You know, the water that we're getting back now
is undoubt	tedly a combination of produced water and fluids
that were	pumped down there, into the in the course of
the treatm	ment.

- Q. Did I get it right that you dumped about 40,000 gallons in total of fluid down during this --
  - A. No, the two treatments were 2000 gallons each --
  - Q. Oh, 2000, I'm sorry.

- A. -- but then there was also fluid pumped, you know, during the cleanout process, and then you have your flush volumes, and so the -- If you go to the first day on the table, there was about 96 barrels of load water to recover, so they're saying that's how much total fluid we pump down the well during the course of our working on the well.
- Q. Have you recovered all the fluids that you've put down the well?
- A. Well, and if you look at that table, there's a column BLWTR --
  - A. Uh-huh.
- Q. -- and that's barrels of load water to recover.

  Now, that's strictly an accounting, you know, you can say

  first barrel in, first barrel out you subtract out from it.

  But the reality is, as I said, some of this -- strictly in

accounting, we're only six barrels shy. But you can tell by the fact -- When the well quits improving is when the cleanup has ceased, in my opinion --

Q. Okay.

A. -- and that we are -- this fluid that we're getting out is a partial reservoir water that would have been produced, you know, on a natural basis, and some of it is the fluid that we pumped down.

So when you get to that point, it's not, Oh, okay, we're done, you know, it's -- And again, that's why I mention the color of the water. Prior to us doing the work, the produced water was clear. Now we've got this blackish-gray water with minerals suspended in it.

- Q. Okay, what is the -- You mentioned that the water was gray, grayish, and had suspended solids in it. Do you know what the solids are and what makes the water gray?
- A. There -- I don't know with a certainty, but normally when you have scale, the scale is not a hundred percent soluble. You can get, you know, a large percentage of that dissolved, but there's impurities in there that don't react with the acid. And so it's those impurities left behind, again, minerals that are not soluble in the acid.
- Q. So will the well be cleaned up when the produced water is clear?

1	A. I believe so.
2	Q. And in addition you've testified that when
3	returns to
4	A. Right, when it clears up and the improvements
5	stop. I would love for the well to just keep improving,
6	but it's not an infinite reservoir.
7	Q. And, you know, I couldn't help but notice the
8	difference between Exhibit 3 and Exhibit 1.
9	A. Uh-huh.
10	Q. And forgive me, I'm a lawyer
11	A. Yeah, that's
12	Q so I don't understand how the two exhibits
13	could possibly correlate
14	A. Okay, let's talk about the Exhibit 3 is a
15	daily rate
16	Q. Uh-huh.
17	A and so let's talk in terms of round numbers.
18	If this were to go up to 1000 MCF per day, and then 30 days
19	in a month would equate to 30,000 on this other graph,
20	but since this other graph is monthly production.
21	Q. I see.
22	A. Or 800 on here would correlate to 24,000 on the
23	other graph.
24	Q. Good, okay, thank you.
25	Does this scaling phenomenon that you sought to

rid the well of accumulate at a greater rate when the well is shut in? Is that what you're concerned about?

A. It can -- Not necessarily, not necessarily, but what we have seen in some wells -- and this well appears to be the case -- is that it, for whatever reason -- and it's during these periods of shut-in that -- the scale is already there, but something happens during that dormancy that scaled in -- affects the well more when you bring it back on. And I mean, you know, the scale forms as -- typically, as the water -- It's affected by temperature and it's affected by pressure drops.

And so logic says it would be forming during production, and the actual formation of it would cease while you shut the well in. But there's something that's happening during the shut-in, or we have seen it happen, that causes the well to be poor when you bring it back.

- Q. Now, that period in May and June when production was -- when you were asked to curtail production by, I assume, the pipeline company --
- A. Correct.

- Q. -- had this ever happened previously?
- A. No, it had not, not on this specific well.
  - Q. I guess it's not an uncommon occurrence?
  - A. That's -- Yeah, it's not without precedent.
  - Q. It just so happens that this particular well --

you hadn't been asked to shut it down?

A. Uh-huh.

- Q. You mentioned, I think in response to one of Mr. Carr's questions, that this dispute has already reached the courts. Are you in litigation with the other parties?
- A. I don't believe I mentioned that, but it was mentioned, yes, they filed in district court.
  - Q. In the State of New Mexico?
  - A. Yes.
  - Q. I see.
- A. Prior to the Examiner's ruling.
- Q. I see.

Now, I gather -- and you may not have said this, and if you have forgive me for belaboring the issue, but it appears that your view is that should you lose at the Commission level, that in an ultimate -- you know, a final decision of the Commission, given any appeals, what have you, that should you eventually be found to -- that the spacing unit should have been --

- A. Standard.
- Q. -- the quarter-section, standard, instead of the unit you're requesting, I gather that it's your position that you'd be willing to enter into good faith negotiations towards settling this up after the fact?
  - A. Absolutely.

1	Q. In part from future production and, if necessary,
2	with payments of cash?
3	A. Correct.
4	Q. And that's your position here today?
5	A. Yeah, we would prefer balancing as Conoco
6	proposed.
7	MR. ROSS: Uh-huh. Okay, thank you. Does that
8	bring up anything
9	MR. KELLAHIN: No, sir.
10	MR. ROSS: we need to deal with?
11	All right, thanks.
12	THE WITNESS: Thank you.
13	MR. ROSS: Can this witness be excused?
14	MR. CARR: Yes.
15	MR. KELLAHIN: Mr. Ross, that concludes Sapient's
16	presentation on this issue this morning.
17	MR. ROSS: Okay, thank you.
18	Mr. Carr?
19	MR. CARR: Yes, at this time Chevron and Conoco
20	call Mr. Tim Denny.
21	MR. ROSS: Good morning, or afternoon.
22	MR. DENNY: Hi.
23	MR. ROSS: Is it D-e-n-n-y?
24	MR. DENNY: That's correct.
25	MR. ROSS: Okay, good.

1		TIM R. DENNY,
2	the witne	ss herein, after having been first duly sworn upon
3	his oath,	was examined and testified as follows:
4		DIRECT EXAMINATION
5	BY MR. CA	RR:
6	Q.	Would you state your name for the record, please?
7	Α.	My name is Tim Denny.
8	Q.	Mr. Denny, where do you reside?
9	Α.	Midland, Texas.
10	Q.	By whom are you employed?
11	Α.	Chevron.
12	Q.	And have you previously testified before the Oil
13	Conservat	ion Division?
14	A.	Yes, sir.
15	Q.	Have you ever testified in a matter before the
16	Oil Conse	rvation Commission?
17	Α.	Just the OCD.
18	Q.	Just the OCD.
19	Α.	Right.
20	Q.	Could you just briefly review your educational
21	background	d for Mr. Ross?
22	Α.	I'm a geologist, I have a bachelor's and master's
23	degree in	geology.
24	Q.	And for whom have you been employed?
25	А.	Chevron.

1	Q.	For how long?
2	Α.	Twenty-two years.
3	Q.	Are you familiar with Sapient's motion for stay
4	of Division	on Order Number R-11,652
5	Α.	Yes, sir.
6	Q.	in this case?
7	Α.	Yes.
8	Q.	Are you familiar with the request of Chevron that
9	the Commis	ssion if the Commission stays this order, that
10	Sapient be	e required to post a bond?
11	Α.	Yes.
12	Q.	Does Chevron also request that they be required
13	to escrow	future production proceeds from the well?
14	Α.	Yes.
15	Q.	And what have you been asked to do in preparation
16	for this p	presentation today?
17	Α.	I've just been asked to help prepare calculation
18	of proceed	ds for Chevron's share of the Bertha Barber Number
19	12 well.	
20	Q.	And have you attempted to calculate that amount?
21	Α.	Yes. I haven't personally, but I'm here to say
22	that I thi	nk these numbers are accurate.
23	Q.	Have you reviewed the numbers?
24	Α.	Yes.
25	Q.	And have you reviewed them with the people at

Chevron who work with the gas contracts? 1 I've worked with the engineer that put these 2 numbers together. 3 0. And then the value numbers have been obtained 4 from the Chevron numbers on gas contracts? 5 That's correct. Α. 6 And are the calculations for Chevron set forth on 0. 7 what has been marked as Exhibit Number A? 8 Α. That's correct. All right. As to the production figures on this 10 Q. exhibit, what is the source of that? 11 MR. KELLAHIN: Excuse me, Mr. Examiner, is Mr. 12 Denny being tendered as an expert? 13 14 MR. CARR: He's not being tendered as a geological expert, he is only here to testify as to the 15 facts that are set forth on the exhibit, which are simply 16 17 production and contract numbers from the files of Chevron. MR. KELLAHIN: And none of which he is 18 responsible for; is that right, Mr. Carr? 19 MR. CARR: 20 These are figures that he has, in his role, been -- put together and reviewed with other people 21 from Chevron to put together this calculation. 22 23 MR. KELLAHIN: We would object, Mr. Examiner. This witness is not the proper witness to present in this 24 proceeding. It's not within his expertise. 25 He's a

geologist. Can't possibly set a proper foundation for the introduction of what appears to be hearsay.

MR. ROSS: Well --

MR. CARR: Mr. Denny is a representative of
Chevron, he works on the project with the engineers and
with the people who work on the gas contracts. As he
indicated, he's talked to these people that put the numbers
together. It is simply a calculation close to what has
been presented by Sapient. I submit he's qualified to
present it, not as an expert geologist but as a fact
witness for Chevron, presenting data from their records.

MR. ROSS: I'll admit the exhibit as a business record.

- Q. (By Mr. Carr) Mr. Denny, what is the source of the production figures on this exhibit?
- A. Okay, it's kind of a busy spreadsheet here, but if you start over on the left-hand side, the gross oil production numbers are what was recorded by what Sapient's turned in. We got these numbers from the OCD, so the oil volumes come from the OCD.

Gas volumes, if you move over, about five rows over, six rows, the gross gas in MCF, those gas numbers are direct meter readings from the Dynegy energy company, and those numbers were obtained by our Chevron gas representative, and he called Dynegy and asked them for the

meter readings, and so that is where the gas numbers came from. So those are actual meter readings, sales meter readings.

Q. And what is the source of the value or the price

- Q. And what is the source of the value or the price information set forth on this exhibit?
- A. Okay, for the oil the engineer just looked at gas prices that we've received for the Chevron net trend gas price that we received in the area, for the similar composition of oil. And so he just took a number that was kind of an average of that area of what we've received for the oil.

And similarly on the gas, this was looking at similar gas composition in the area, what it sold for. And the gas person that worked up these numbers said he took the lowest contract prices of all the areas -- all the sales in this area that had similar compositions.

- Q. And so in fact you used the lowest price or a conservative number for the pricing information --
  - A. That's correct.

Q. -- on the exhibit?

Would you just review what this exhibit shows, for Mr. Ross?

A. Well, if you start on the left, the gross oil, as I mentioned what that is.

And then the net oil, all that is is just taking

the Chevron's interest, which is -- in this 160-acre standard proration unit, half of the lease would be owned by somebody other than Sapient, so that's the gross number, times .5, times the Chevron working interest, which is .187 and some other numbers.

Then the oil price and then the gross oil. And the gross oil is basically just the gross oil in the first column, times the price.

And then we backed out the royalty interest. So that number reflects the gross oil, times the gas price, times 80 percent. So we backed out 20-percent royalty out of the numbers on the oil.

And then the same goes for the gas. On the gross gas we backed out 20-percent royalty.

- Q. And by using this calculation were you able to determine the value of the Sapient production or estimate the value of the Sapient production from the Bertha J. Barber Well Number 12 through June of this year?
- A. Yeah, I might point out that, as you can see here, we have no oil volumes for July and August, and of course we don't have any for September. And then on the gas side we had numbers through August. So we don't have any for September. But with those in mind, if you'll look down in this box on the lower left, at the gross oil, gross gas and then just a gross number of about \$1.85 million.

You saw the Exhibit Number 4 presented here today Q. 1 by Sapient, their calculations and values for production 2 from the well. Are the numbers within the same ballpark, 3 relatively comparable? 4 5 Α. Yes, I believe they are. If a bond was required of Sapient in an amount 6 Q. sufficient to indemnify all persons who may suffer damage 7 by reason of continuing to produce this well pending final 8 resolution of the dispute, how much of a bond would you 9 estimate needs to be posted? 10 Well, half of the production is owned by someone 11 12 other than Sapient, so we just took half of that 1.8 and came up with a number of nine -- about point -- \$900,000. 13 14 Q. And then that sum would have increased since 15 June, since that's the last number. Do you have any estimate of how much per month additional money to the 16 17 other interest owners in this spacing unit? Well, it looks like June -- the last June -- May 18 and June number were 650 to 450 on the oil, so they used 19 roughly 500 and took that -- half of that, maybe 250 a 20 month, for June, July and August. 21

And then on the oil side --

- Q. Now, 250 a month, that's two hundred and fifty dollars a month? Is that the oil or gas?
  - A. Yes, that's the oil.

22

23

24

1	Q. Okay, what about the gas?
2	A. And the gas is you know, I don't know, just
3	It's hard to say for sure, but if you just said around
4	\$50,000, which is about what July was, and had that, you'd
5	have about \$25,000 per month or I mean \$250,000 per
6	month.
7	Q. \$25,000 per month?
8	A. I'm sorry, yes, \$25,000 per month.
9	Q. How much is owed to Chevron through June?
10	A. We calculated, as you can see here in this lower
11	right-hand box, about \$174,000.
12	Q. And twice that amount would be owed to Conoco?
13	A. That's correct.
14	Q. They have twice the interest in the west half of
15	the northeast that Chevron does?
16	A. That's correct.
17	Q. Now, Sapient is continuing to produce the well;
18	is that correct?
19	A. That's what I understand.
20	Q. To protect for past production, how much of a
21	bond do you think ought to be posted to assure that when
22	this is resolved you can get your share for that?
23	MR. KELLAHIN: I'm going to object, Mr. Examiner.
24	This is beyond the expertise of the witness.

MR. ROSS: I'll allow it.

THE WITNESS: Pardon me? 1 MR. ROSS: You can answer. 2 THE WITNESS: Okay. Well, we just think that 3 half the proceeds ought to go into escrow because Chevron 4 and other operators have half the 160-acre proration unit. 5 (By Mr. Carr) Mr. Denny, do you mean escrow, or Q. 6 a bond be posted in an amount? 7 What was your question, sir? 8 A. Q. My question was, how much of a bond do you 9 recommend be posted? 10 Oh, for the -- around -- Well, if you add up Α. 11 12 what's not been accounted for in the previous months and so 13 forth, you know, it looks like it would be around a million dollars at least. 14 15 Q. Now, that covers past production? Yes, sir. 16 Α. 17 Does Chevron also recommend that production Q. proceeds point forward be escrowed until this matter is 18 resolved? 19 A. 20 Yes. Would just the financial data presented here 21 Q. today from Sapient, in your opinion, be sufficient for 22 23 Chevron to believe that at the appropriate time they would 24 have something to pursue to recover their share of --

Objection, Mr. Examiner, beyond

MR. KELLAHIN:

the expertise of the witness. 1 MR. ROSS: Overruled. 2 THE WITNESS: We feel like there's no guarantee 3 4 this well will continue to produce. We have no guarantee 5 that this well won't be sold to some other operator, in which case it's already -- Cross Timbers and Falcon Creek 6 and now Sapient. 7 So we just feel like there's uncertainties with 8 the well and with the company, and so that's our position. 9 (By Mr. Carr) Is Chevron Exhibit A a record 10 prepared from the business records of Chevron? 11 12 Α. Yes, and it's an estimation based on some assumptions on gas prices and oil prices, and on -- I don't 13 know, royalty interests and so forth. 14 MR. CARR: Mr. Ross, we move the admission into 15 evidence of Exhibit A. 16 17 MR. KELLAHIN: I have objected. MR. ROSS: Same objection, overruled. I'll admit 18 Exhibit A. 19 20 MR. CARR: And that concludes my questions of Mr. Denny. 21 22 MR. ROSS: Mr. Kellahin? 23 CROSS-EXAMINATION BY MR. KELLAHIN: 24 25 Mr. Denny, let me refer you to Chevron Exhibit A. Q.

When I look at the bottom, on the left side, the last entry, it's \$1.858 million?

A. Yes, sir.

- Q. Chevron's interest is approximately 9 percent when you round it off? It's 9.35 percent?
  - A. That's probably close, yeah.
- Q. If we take approximately 9 percent of the \$1.8 million, I get \$167,272. Why is that number not the same as the one you show on the bottom right, which says \$173,000 and change? Why can't I do the math that way?
- A. What I was told our working interest was was eighteen seven zero nine three one, I believe it is, so I think that's shown up here in the upper right.
- Q. All right, so it's a function dividing 18-plus in half that accounts for the mathematical difference? I have used the wrong divider percentage?
- A. I don't know how you did your calculations, I'm just telling you what's on this sheet.
- Q. Okay, I just used 9 percent and tried to divide 9 percent into \$1.8 million, and I came up short.
- A. Well, it is over 9 percent. It would be nine-point whatever it is, 9.35---
- Q. Now, in response to Mr. Carr's question you said the data stopped in June. You've got gas sales for July and August, don't you?

Yeah, the oil volumes -- As you see there, it Α. 1 says "records not available" from the OCD. 2 All right. Q. 3 Α. And the gas volumes were Dynegy meter readings, 4 and we had those through August. 5 Q. All right, so you do have the gas volumes? 6 Yes, sir. 7 Α. Now, let's take the \$173,000 for Chevron's Q. 8 purported share of past production --9 Α. Okay. 10 11 Q. -- that does not include Chevron's sharing for 12 any of the costs of deepening the well, right? 13 Α. That's correct. It doesn't include any cost for operating the 14 Q. well, right? 15 Α. That's correct. 16 17 Q. In fact, there are no costs associated with this number? 18 We backed out royalty, 20 percent. 19 Α. 20 All right, but the working interest portion, your Q. share has not been allocated to show Chevron as reimbursing 21 anyone for costs? 22 23 That's right, we have no knowledge of what those 24 costs would be. 25 Are you aware that Cross Timbers spent over Q.

\$400,000 in order to recomplete this well as a Tubb gas 1 2 well? I have no knowledge what it cost. Α. 3 Q. How do you propose that Chevron is going to 4 5 reimburse the parties for their share of the cost? A. I'm sure that can be taken care of in 6 negotiations somewhere. 7 Are you familiar with gas balancing, sir? 8 Q. Α. No, sir. 9 Has Chevron started their well, which has been 10 Q. approved by the Division in -- the offsetting, competing 11 well just to the north? Have you started that well yet? 12 A. Yes, we moved a pulling unit in on it last week 13 14 and were having a lot of difficulties, and so we've moved off that -- it was a 24-hour pulling unit, and we moved it 15 off and moved on another rig to -- We've got a lot of 16 problems with the well. 17 Okay, what kind of problems do you have, Mr. Q. 18 Denny? 19 A. Just mechanical problems. 20 21 Q. All right. You haven't gotten to the reservoir at this point to see --22 Oh, no. 23 Α. 0. -- what you've got in the Tubb? 24 25 No, we're still way up in the hole.

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MR. KELLAHIN: No further questions. Thank you,
 1
 2
     Mr. Examiner.
 3
                              EXAMINATION
     BY MR. ROSS:
 4
               Just one question, Mr. Denny. Did you just say
 5
     that you're not familiar with gas balancing? Not
 6
 7
     personally?
               I'm a geologist that's just -- I mean, I've heard
          Α.
 8
 9
     of them, and I know there's some kind of agreement, but I
10
     don't ever get involved in those negotiations.
               MR. ROSS: Okay, good. Okay, thanks, nothing
11
12
     further from me.
               Mr. Carr, Mr. Kellahin?
13
14
               MR. CARR:
                          That concludes our --
15
               MR. KELLAHIN: I'm done, Mr. Examiner.
               MR. CARR:
                         -- presentation.
16
17
               MR. ROSS: Okay, if you'd like -- Any more
     witnesses to present?
18
19
               MR. KELLAHIN: No, sir.
               MR. CARR:
20
                         No.
21
               MR. ROSS:
                         Can Mr. Denny be excused?
22
               MR. KELLAHIN: Certainly.
23
               MR. ROSS:
                          If you'd like, you can do a brief
     summation of what you think we should focus on here today,
24
25
     if you'd like.
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MR. KELLAHIN: I've already told you in my
opening comments what I thought you ought to focus on, Mr.
Ross.

MR. ROSS: Okay.

MR. KELLAHIN: I can repeat myself, but I think

MR. KELLAHIN: I can repeat myself, but I think you were being attentive, and I will rely upon what I've already said.

MR. ROSS: Okay, I don't want to foreclose anyone of any opportunities.

Mr. Carr?

MR. CARR: Yes, I'd like to argue against the stay and in support of a bond.

Sapient stands before you today, Mr. ross, seeking a stay of an order of the Oil Conservation Division which ordered this well be shut in until there was a proper accounting for the production to the owners of that production.

The Division has determined that since 1999,
August of 1999, that well has been illegally produced.
They are draining others, they're keeping the production,
they're continuing to produce, they're continuing to drain.
They want to continue to keep all the proceeds, and they
are keeping proceeds from a time when gas prices were high.
They want to keep every cent, production that we submit
belongs to us.

They seek a stay because they acidized the well, they acidized this well at a time when they knew Conoco and Chevron were asking you to shut it in. But they say in their motion and here today that, in fact, if that happens the well may be damaged?

What do we know? Well, we know they've produced the well. But we know that the spacing unit for the well, not maybe 160 acres or 80 acres, we know that since August of 1999 through today, it is 160 acres, it's the northeast quarter of Section 7, because that's what it is under the rules, the statewide rules for gas at this depth.

No nonstandard unit has ever been approved.

Chevron, Conoco for over a year have been seeking the assistance of the OCD because Sapient has been producing the well, keeping all the proceeds, and they own 28 percent of the well and almost -- or perhaps over \$2 million worth of gas have been produced.

We also know this location is unorthodox, it is draining Chevron. And with the stay they simply get to continue to produce and continue to drain and continue to keep and continue to push and advantage they have on offset properties, a result of their playing games with the rules.

Now the Division has acted, it says Sapient has to comply with the rules. It says the rules mean something. It says they mean what they say, they're

illegally producing the well and they should account to the other interest owners in the well.

But they want to seek a stay pending de novo review. They want to continue to produce during that time and keep the proceeds and continue to drain and continue to play games.

And yet now we find ourselves in a position where we're all the way back to November before we can get to the Commission. There are questions about whether or not there's a quorum in November, and it goes on and on and on, and they keep and keep and keep. And we see a history where the property is passed around like a hot potato, where a well has been damaged, and we're saying, Well, trust us, at the end we're sound. People who are so sound that for some reason they can't or won't post a bond.

And there are standards for obtaining a stay, and they are announced by courts interpreting district court rules, and they do say among other things that they have to show that they're going to suffer irreparable harm. Now, maybe the well -- That's a decision we leave with the Division, whether or not it needs to be permitted to produce to avoid damage.

But it's interesting, in their motion for stay they say, in terms of irreparable harm, and I quote, to now require Sapient to obtain further approval will cause

Sapient to be damaged and suffer irreparable harm. To require further approvals -- The only thing we're asking is they pay the people who own the production. They're sitting here saying, Oh, don't do anything that will cause us to pay those who own the gas, who own the oil, and they're asking you to overlook the rights of others.

They're supposed to have been in here today showing you, I submit, that they have a chance of prevailing. And they address those things in their motion. They talk about all the OCD approvals they've received, C-102s, C-103s, C-104s. They've never talked about an application for a nonstandard unit or an unorthodox well location. You see, it's everybody's fault, it's Conoco's, it's Chevron's, it's not Sapient's.

But I'd ask you to ask yourself if anything

Conoco or Chevron or the OCD has done or has failed to do

in any way changes the underlying fact, and that is, there
is a 160-acre spacing unit, and we're not being paid our

proportionate share of the reserves from that spacing unit,
and they won't shut the well in, and they won't escrow the

funds, and they want to keep producing, and they want to

keep it all.

And if they're going to be allowed to do that and you're going to make any sense out of your rules whatsoever, you have to require they post a bond and they

escrow the funds. If you don't do that, there's no reason for them to ever do anything but continue to play games, draw out the hearing and keep this going and going forever and ever.

They tell us, We can balance later. Well, maybe, maybe not. The well has been damaged recently. They tell us, We can pay later. If they're here, if we can still find them. And I'm not saying they're going to do anything, I'm saying look at the property already; it's passed three times.

You know, it's interesting to me that Mr.

Kellahin can cite you the rules, you know, kind of make

them up as we go: Well, they're different here than in

district court. But you know, when I started working with

this I go look for rules. And when I go to the rules I

look at the Rules of Civil Procedure.

And the Rules of Civil Procedure state, when we talk about staying a proceeding to enforce a judgment -- it's Rule 62.D, it's on the second page of the handout -- it says, "When an appeal is taken, the appellant by giving a supersedeas bond may obtain a stay..." It goes on and says, "The stay is effective when the supersedeas bond is approved..."

This isn't an unusual request, this is what people who practice law in this state, I think, normally

expect.

But as Mr. Brooks stated earlier, perhaps the Rules of Procedure may be overridden by rules here. Well, there is a reference in the Oil and Gas Act; it's the last page of this handout. It talks about temporary restraining orders or injunctions.

And part B says, "No temporary injunction of any kind..." and I submit to you a stay is a temporary injunction of some kind "...including a temporary restraining order against the commission or the members thereof, or the division or its agents, employees or representatives, or the attorney general, shall become effective until the plaintiff shall execute a bond to the state with sufficient surety in an amount to be fixed by the court reasonably sufficient to indemnify all persons who may suffer damage by reason of the violation pendente lite by the complaining party of the statute or the provisions of this act or of any rule, regulation or order complained of."

Now, yes, this is an appeal to the district court. But you're not in a void. You have guidance both in the Rules of Civil Procedure and the Oil and Gas Act that when you stay something and someone may be damaged, you may enter the stay, but it should be conditioned on the posting of a bond. And that's what we're here, and that's

what we're asking for.

They say they're before you and they think they'll win. Well, you know, remember we have a spacing unit today, and we've been cut out.

And the remedy is that you go back after the fact and say, Well, we've been cut out all along, that a spacing unit that stands today under your rules really didn't stand, that the 160-acre unit dedicated to their well pursuant to state rule, a spacing unit on which Chevron could not drill a well -- you wouldn't tolerate two operators on the spacing unit -- now somehow, years down the road, after 750 million cubic feet have been produced, it's just, well, we're going to say change the spacing and go drill your well now.

Correlative rights get lost in this process.

There is no way for them to win. If you grant the stay, we submit a bond must be entered or you're outside the rules, regulations, statutes that even govern you.

And we also submit that since we don't know what the well is going to produce in the future, future runs should be escrowed until this matter is resolved.

MR. KELLAHIN: May I respond?

MR. ROSS: Sure.

MR. KELLAHIN: I know Mr. Carr has not felt well lately, but some of his comments, I think, are unworthy of

the talents that he's expressed before this agency, and I feel compelled to respond, Mr. Ross.

Sapient's not playing games, and I resent the characterization that this company is doing that. Sapient is an Oklahoma company that's only recently in New Mexico on a good faith basis. They acquired this well from Falcon Creek, who acquired it from Cross Timbers. And on a review of that record you can see approvals by this agency. The Division transcript clearly reflects that there were approvals. And right or wrong, Sapient relied upon those approvals.

It did not come to Chevron's attention that the spacing unit was wrong, yet they have a substantial interest immediately offsetting it. They were asleep at the switch.

Conoco is asleep at the switch, they're not paying attention, and this continues. The well was recompleted by Cross Timbers on August 21st of 1999 as a Tubb gas well. It then takes Chevron until October 11th of the next year to decide to file for a competing application, and they do so. And as a result of that action, I filed an objection for Sapient. And in doing so, I realized that the spacing unit they thought had been fully approved had not. And I took action, and Sapient took action to bring this to the Division's attention. We

did so timely, as soon as we knew that there was the possibility that it was not fully approved.

In addition, once we got into the details and the facts of the case, we withdrew our opposition to the Chevron location. That opposition was withdrawn in January on the 24th. We find out today Chevron still has not acted to get the well drilled. It is not our fault that from January till August Chevron didn't take the necessary action to notify the appropriate parties, irrespective of Sapient, in order to get their approvals. The record is clear on that, and I resent the implication that we are playing games.

It is not our fault that it took the Division six months to decide this case, it is not our fault that we heard this case on a timely basis on March 1st, it is not our fault that it took the Division until the 13th of September.

Unlike Mr. Carr, I don't have a secretary, I don't have a paralegal. I do have a phone answering machine, he plays it to me regularly, I know my phone message. But the fact is, I got this order on Saturday, September 14th. I put everything aside, and by the next Thursday I have filed asking for a stay. If that's a problem, it's my fault and I take responsibility for it.

I tried to get this case as quickly as I could

before the Commission. It is not my fault that

Commissioner Lee may not be available on the November date.

I've done everything I can possibly think of to get this

before you.

And it's not Sapient's fault that Mr. Carr and Conoco and Chevron want to seek an extraordinary remedy, an unprecedented remedy of asking us to avoid a shut-in by posting a bond. I can't find an example of it.

Conoco and Chevron think so much about their position. Who do they send to the hearing today? Do we have a drilling engineer, a production engineer, a reservoir engineer from either one of these huge companies that thought enough about their position to come forward in here and argue about the shut-in? We do not. The only engineer you saw is the president of our company, and he answered all your questions as best he could. They send us a geologist who knows nothing about gas balancing. He got this data sheet from somebody else who didn't care enough to come.

We're here asking for relief, and we hope that you'll give it to us. Thank you.

MR. ROSS: All right. Well, thank you all. You know from my letter of September 27th that the Director will decide this motion. She's been present through the entire proceedings here today. We do intend to get a

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transcript together, and we fully intend to decide the
 1
 2
     motion as quickly as we possibly can. We understand the
     urgency that's been expressed.
 3
               Thanks for your presentations, and safe traveling
 4
 5
     to those of you who've traveled. Thanks.
 6
                (Thereupon, these proceedings were concluded at
 7
     12:53 p.m.)
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## CERTIFICATE OF REPORTER

STATE OF NEW MEXICO )
) ss.
COUNTY OF SANTA FE )

I, Steven T. Brenner, Certified Court Reporter and Notary Public, HEREBY CERTIFY that the foregoing transcript of proceedings before the Oil Conservation Division was reported by me; that I transcribed my notes; and that the foregoing is a true and accurate record of the proceedings.

I FURTHER CERTIFY that I am not a relative or employee of any of the parties or attorneys involved in this matter and that I have no personal interest in the final disposition of this matter.

WITNESS MY HAND AND SEAL October 6th, 2001.

STEVEN T. BRENNER CCR No. 7

My commission expires: October 14, 2002