

1 STATE OIL AND GAS BOARD OF ALABAMA

2 Tuscaloosa, Alabama

ORIGINAL

3

4 May 7, 2013

5

6 Testimony and proceedings before the Hearing Officer

7 in Regular Session in the Board Room of the State Oil and

8 Gas Board Building, University of Alabama Campus,

9 Tuscaloosa, Alabama, pursuant to adjournment, on this 7th

10 day of May, 2013.

11

12 BEFORE

13 Mr. Marvin Rogers.....Attorney

14

15 STAFF

16 Dr. Berry H. (Nick) Tew, Jr.....Secretary and

17 Supervisor

18 Dr. David E. Bolin.Deputy Director

19 Ms. April Merritt.....Hearing Administration

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6/20/13

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1 MR. ROGERS: Let the record reflect it's 10:00
2 a.m. Central Daylight Time. This hearing is in session.
3 Dr. Bolin, have the items for the May 7 and May 9, 2013
4 hearing been properly noticed?

5 DR. BOLIN: The items for the May 7th and May
6 9th, 2013 docket have been properly noticed and the docket
7 is due to be admitted into the record.

8 MR. ROGERS: The Board's Staff has received and
9 compiled the proofs of publication for the items appearing
10 on the docket for the first time. The proofs of publication
11 received for the items on the May 7 and May 9, 2013 docket
12 are admitted into the record. Furthermore, copies of the
13 information posted on the Web site of the Secretary of State
14 announcing these two meetings of the Oil and Gas Board on
15 May 7 and May 9, 2013, and a confirmation of successful
16 postings from the Secretary of State are also admitted into
17 the record.

18 I have an order of the State Oil and Gas Board
19 appointing me as Hearing Officer to conduct this hearing on
20 behalf of the Board. The order will be made a part of the
21 record at this time.

22 The procedure for this meeting is as follows:
23 The Hearing Officer and the Staff will hear the items on the
24 May 7 and May 9, 2013 docket today. There will not be a
25 hearing on Thursday before the full Board because we had in

1 essence no contested matters. Following this meeting, the
2 Hearing Officer and the Staff will make recommendations to
3 the State Oil and Gas Board.

4 So unless some change occurs, there will not be
5 a hearing by the full Board on Thursday, May the 9th, 2013.

6 I will recommend that the following petitions
7 be dismissed without prejudice: Item 8, Docket No.
8 5-7-13-01, petition by Sklar Exploration Company, LLC.

9 I will recommend that the following petitions
10 and motions be continued: Item 1, Docket No. 12-11-12-01,
11 petition by Sklar Exploration Company, LLC; Item 4, Docket
12 No. 2-12-13-10, petition by Robert Land and others; Item 18,
13 Docket No. 5-7-13-11, petition by Land & Natural Resource
14 Development, Incorporated; Item 19, Docket No. 3-19-13-14,
15 that is a motion by the Board to adopt some regulations
16 related to hydraulic fracturing, hydraulic fracturing in
17 traditional wells and hydraulic fracturing of coalbeds, and
18 a copy of those rules, if you need a copy, you can get a
19 copy from the Staff; the last item that we will recommend be
20 continued is Item 20, Docket No. 7-20-10-07, which is a
21 motion for S. Lavon Evans Operating Company, Incorporated to
22 show cause why certain wells should not be ordered closed.

23 Rather than call all the items out, I think
24 I'll just say that any comments or changes or corrections to
25 those recommendations?

1 (No response.)

2 MR. ROGERS: All right. We will get started
3 today. We had a request from a party that GeoMet go first
4 because of another commitment that they had. Is there any
5 objection to Item 16, Docket No. 5-7-13-09A, petition by
6 GeoMet, Incorporated proceeding first?

7 (No response.)

8 MR. ROGERS: Then we will proceed with that
9 item. Mr. Watson.

10 MR. WATSON: I have one witness, Mr. Rogers, I
11 would like to have him sworn in, please, sir.

12 MR. ROGERS: Please state your name and address.

13 MR. MYERS: Scott Myers, Birmingham, Alabama.

14 (The Hearing Officer swears in the witness.)

15 MR. ROGERS: Thank you.

16 MR. WATSON: Mr. Rogers, this petition by GeoMet
17 comes to you on publication notice. We are requesting the
18 Board to extend the shut-in status for 24 wells and
19 approving shut-in stats for eight additional wells all
20 located in Bibb and Shelby Counties, Alabama in the Gurnee
21 Coal Degasification Field.

22 I put up on the panel in front of you a copy of
23 the pre-filed Affidavit of Testimony in support of this
24 item. It was prepared by and signed by Mr. Myers.

25 Mr. Myers, you have appeared before this Board

1 and have on file an affidavit of your qualifications as a
2 petroleum engineer; is that correct?

3 MR. MYERS: That is correct.

4 MR. WATSON: Are you familiar with the request
5 contained in this petition today concerning the wells in the
6 Gurnee Coal Degasification Field?

7 MR. MYERS: Yes.

8 MR. WATSON: All right, sir. Mr. Rogers, I
9 tender Mr. Myers as an expert witness for giving testimony
10 on this item.

11 MR. ROGERS: He is so recognized.

12 MR. WATSON: Rather than going through each of
13 these individual wells as I previously submitted to you,
14 Mr. Rogers, we have grouped these wells into several groups
15 and I'm going to ask Mr. Myers if he would, with your
16 permission, to kind of go through and summarize the status
17 of these wells in groups.

18 MR. ROGERS: That is fine.

19

20 SCOTT MYERS,

21 having been first duly sworn, was examined and testified
22 as follows:

23

24 (ITEM 16) DIRECT EXAMINATION BY MR. WATSON:

25 Q. All right. Mr. Myers, let's take the first group.

1 A. The first twelve wells are in shut-in status and
2 these twelve wells will require surface repairs, that would
3 be repairs to either the electrical system and/or the pumping
4 units. Those wells would be Permit Numbers 14674-C, 14121-C,
5 14675-C, 14616-C, 15031-C, 14721-C, 14612-C, 14860-C,
6 13553-C, 13783-C, 13785-C, 13330-C.

7 Q. Now, all these wells you have just called, Mr. Myers,
8 you have completed the Board's questionnaire on these wells
9 and answered all the questions relative to those wells?

10 A. Yes.

11 Q. Now, let's talk about the next group of four.

12 A. The following four wells require downhole repairs
13 only, no surface repairs. Those wells are permit numbers
14 14716-C, 15032-C, 14611-C, 14190-C.

15 Q. Again, questionnaires have been completed on those
16 wells. And now, go to the next group of 13 wells and tell
17 the status of those wells.

18 A. These wells are shut in and they require repairs to
19 both surface and downhole components. Those are Permits
20 Number 14059-C, 13765-C, 14145-C, 13803-C, 15225-C, 14630-C,
21 14632-C, 14719-C, 13661-C, 13784-C, 13227-C, 13226-C,
22 13551-C.

23 Q. All right, sir. And, again, you have completed
24 questionnaires on all of those wells. Now, let's go to the
25 next grouping.

1 A. The following is a single well that requires surface
2 electrical repair and also remedial treatment and acid job.
3 Its Permit Number is 14110-C.

4 Q. And your final two wells?

5 A. The final two wells require connection to a gathering
6 system. They will require the facilities for water treatment
7 and for compression. Those two wells are numbers 14731-C and
8 14735-C.

9 Q. Because we are asking that these wells be declared
10 shut in for an additional year or up to an additional year,
11 all the wells have had an OGB-9 or first test filed; is that
12 correct?

13 A. Yes.

14 Q. All right. And your company does not have any plans
15 to plug and abandon any of these wells other than you see
16 future utility in the wells and are asking that they be
17 declared shut in?

18 A. That is correct.

19 Q. Tell us what is going on in GeoMet relative to these
20 wells. And we put this in our petition, but would you bring
21 Mr. Rogers and the Staff up-to-date on the current status of
22 these wells?

23 A. Yes. GeoMet engaged a firm from Houston to sell its
24 Alabama assets. And as of last Thursday, I believe was the
25 day, the press release was this morning, we have signed a

1 purchase and sale agreement to divest these assets.

2 Q. All right, sir.

3 MR. WATSON: Mr. Rogers, I would ask that you
4 receive into the record of this hearing the Affidavit of
5 Testimony in support of Mr. Myers' testimony which has
6 attached to that Affidavit of Testimony all of the
7 questionnaires for the wells he has just described.

8 (Whereupon, (Item 16) Affidavit of Testimony
9 and attachments were offered into evidence.)

10 MR. ROGERS: The affidavit is admitted.

11 (Whereupon, (Item 16) Affidavit of Testimony
12 and attachments were received into evidence.)

13 Q. Mr. Myers, would the granting of this petition
14 extending the shut-in status of these wells for up to one
15 year prevent waste and protect correlative rights and promote
16 orderly development in the Gurnee Coal Degasification Field?

17 A. Yes.

18 MR. WATSON: I tender my witness to you,
19 Mr. Rogers, and members of the Staff for any questions you
20 have on any of these wells.

21 MR. ROGERS: Any questions from the Staff?

22 DR. BOLIN: The Staff has no questions.

23 MR. ROGERS: I suppose, Mr. Watson, just note
24 the client will need to comply with the rules for the change
25 of operator that we will be receiving that soon enough based

1 on that sale.

2 MR. WATSON: Yes, sir, you will.

3 MR. ROGERS: Anything else, Mr. Watson?

4 MR. WATSON: That is all we have.

5 MR. ROGERS: The Staff will review the evidence
6 and make a recommendation to the Board.

7 MR. WATSON: Thank you.

8 MR. ROGERS: Thank you. All right. We will go
9 back to the beginning of the docket, so that would take us
10 to Item 2, Docket No. 2-12-13-05, petition by Walter Black
11 Warrior Basin, LLC.

12 MR. WATSON: I have one witness and would like
13 to have him sworn in, Mr. Rogers.

14 MR. ROGERS: Will you state your name and
15 address.

16 MR. YANCY: Neal Yancey. I'm at 5205 North Wood
17 Lake Drive East, Northport, Alabama.

18 (The Hearing Officer swears in the witness.)

19 MR. ROGERS: Thank you. I'll just note,
20 Mr. Watson, that we have the letter from Mr. Sledge where he
21 states that his client Mr. Holman would not object to the
22 petition and that will be admitted into the record.

23 MR. WATSON: Thank you. Mr. Rogers, I have
24 pre-filed an Affidavit of Notice in this matter and would
25 ask that it be admitted into the record.

1 (Whereupon, (Item 2) Affidavit of Notice was
2 offered into evidence.)

3 MR. ROGERS: The Affidavit of Notice is
4 admitted.

5 (Whereupon, (Item 2) Affidavit of Notice was
6 received into evidence.)

7 MR. WATSON: We are asking the Board to approve
8 an exceptional location for the E. Hinds 14-5-4 Well located
9 on 40-acre production unit in the Blue Creek Coal
10 Degasification Field. Mr. Yancey, you are familiar with
11 this petition; is that correct?

12 MR. YANCEY: That is correct.

13 MR. WATSON: And you have prepared exhibits in
14 support of the request that this exceptional location be
15 approved?

16 MR. YANCEY: Yes.

17 MR. WATSON: Mr. Rogers, I might state for the
18 record that this exceptional location as it is stated in the
19 petition is -- was discovered by new technology that the
20 Staff has used in checking locations of wells. This well
21 was acquired through a series of acquisitions by Walter
22 Black Warrior Basin, LLC. They did not drill this well.
23 But because of its location as verified on the ground and by
24 satellite imagery that the Staff has used to check well
25 locations, we have come up with a well at the exceptional

1 location that is an exception to Rule 4B of the Special
2 Field Rules.

3

4 NEAL YANCEY,

5 having been first duly sworn, was examined and testified
6 as follows:

7

8 (ITEM 2) DIRECT EXAMINATION BY MR. WATSON:

9 Q. Mr. Yancey, would you tell us, looking at your
10 exhibits, and the first exhibit is a plat about the location
11 of this well, please.

12 A. The well was permitted at 242 feet from the North
13 line and 702 feet from the West line of the unit. It's a
14 40-acre unit. And the actual location, according to our
15 survey that we had done, it was six feet from the North line
16 instead of the 242 feet, and that would put it in an
17 exceptional location.

18 Q. And Rule 4B of the Special Field Rules for the Blue
19 Creek Coal Degasification Field require all wells to be
20 located 150 feet from every exterior boundary; is that
21 correct?

22 A. That is correct.

23 Q. All right. Now, this well with this exceptional
24 location six feet from the North line and 353 feet from the
25 West line of the 40-acre unit, and that 40-acre unit is the

1 Southwest Quarter of the Northwest Quarter of Section 14 of
2 Township 19 South, Range 9 West in Tuscaloosa County; is that
3 correct?

4 A. That is correct.

5 Q. All right, sir. Is offsetting a well somewhere to
6 the North and the Northwest Northwest of Section 14 some
7 distance away you have shown on this first plat the permitted
8 location that you have just described is the actual location;
9 is that correct?

10 A. That is correct.

11 Q. All right, sir.

12 (Brief interruption.)

13 MR. WATSON: Mr. Rogers, I just committed the
14 absolute sin.

15 MR. ROGERS: That is all right, Mr. Watson, we
16 are in a modern world.

17 MR. WATSON: Sorry, the Honorable Stan Graves.

18 MR. ROGERS: That is all right.

19 Q. Look in the package of the exhibits of your Exhibit
20 Number 2, Mr. Yancey, that is just giving us a location of
21 the wells and the adjacent wells to this exceptional
22 location; is that correct?

23 A. That is correct.

24 Q. And then you have included in your package of
25 exhibits additional information on the permitting and the

1 production from this well?

2 A. That is correct.

3 Q. And what has this well produced over its life to the
4 last date recorded by the Oil and Gas Board?

5 A. This well has produced 948,826 Mcf. And the adjacent
6 unit has produced 801,416 Mcf of gas.

7 Q. So though it's not actually on par, there is a close
8 production similarity between those two wells such that when
9 I ask you this question, would the granting of this
10 exceptional location protect correlative rights, that is
11 about as close as you can get to a par of those two --
12 production for those two wells; is that correct?

13 A. Yes, that is correct.

14 Q. And to plug this well would be wasteful, would it
15 not?

16 A. Yes.

17 Q. So it's your recommendation that the Board approve
18 this exceptional location given these facts; namely, the
19 offset production and the fact that your company did not
20 drill this well, but it was later discovered to be at this
21 location?

22 A. That is correct.

23 Q. And what procedures has your company taken,
24 Mr. Yancey, to prevent this happening as you drill wells?

25 A. We now have a --

1 MR. ROGERS: Let me interrupt, Mr. Watson. One
2 quick question if you can ask your witness, he's an expert,
3 he's an attorney, isn't he?

4 MR. WATSON: Yes.

5 MR. ROGERS: I don't think you qualified him.

6 MR. WATSON: I'm sorry.

7 MR. ROGERS: If you will do that real quickly.

8 MR. WATSON: Okay. I asked him if he was
9 familiar. Neal, you are the land man for Warrior Black
10 Warrior Methane, correct?

11 MR. YANCEY: That is correct.

12 MR. WATSON: This is your responsibility, this
13 area is your responsibility?

14 MR. YANCEY: Yes.

15 MR. WATSON: I tender him as an expert.

16 MR. ROGERS: He is an expert.

17 Q. (BY MR. WATSON:) All right. Carrying right along.
18 Go ahead.

19 A. We now have procedures in place where our drilling
20 foreman actually has a form to fill out. After the dirt work
21 is completed for a new well location, he will go to the
22 location with a handheld GPS to confirm that the actual
23 location to be drilled matches what is on the permit, and he
24 will submit that form and put it in our internal well
25 records.

1 Q. All right, sir. And that should prevent this kind of
2 situation from happening in the future?

3 A. Yes, sir.

4 Q. So the granting of this petition will prevent waste
5 and protect correlative rights in your opinion?

6 A. Yes.

7 MR. WATSON: I tender the witness for any
8 questions you might have on this item, and would ask that
9 you receive into the record of this hearing the exhibits
10 Mr. Yancey sponsored, Exhibits 1 and 2, Mr. Rogers.

11 (Whereupon, (Item 2) Exhibits 1 and 2 were
12 offered into evidence.)

13 MR. ROGERS: Exhibits 1 and 2 are admitted.

14 (Whereupon, (Item 2) Exhibits 1 and 2 were
15 received into evidence.)

16 MR. ROGERS: Any questions from the Staff?

17 DR. BOLIN: No questions.

18 MR. ROGERS: We will note that we received a
19 letter from Mr. Sledge stating he was not opposed and we
20 also -- we have requested and we appreciate all that
21 information. The production as you stated, Mr. Yancey, the
22 production was similar from these two wells, from this well
23 and the adjoining well. Anything else, Mr. Watson?

24 MR. WATSON: That is all on this item.

25 MR. ROGERS: We will review the evidence and

1 make a recommendation to the Board.

2 The next item is Item 3, Docket No. 2-12-13-06,
3 petition by Walter Black Warrior Basin, LLC. We will note
4 on this item that we received a letter from Mr. Scogin
5 representing James Mayfield, offset owner, stating he is not
6 opposed to this item.

7 MR. WATSON: Thank you, Mr. Rogers.

8

9 NEAL YANCEY,
10 having been previously duly sworn, was examined and
11 testified as follows:

12

13 (ITEM 3) DIRECT EXAMINATION BY MR. WATSON:

14 Q. And I would remind my witness he remains under oath
15 and would ask him if you are familiar with the ownership in
16 the well that is the subject of this hearing, which is the
17 Stedman 1-11-3 and its location?

18 A. I am.

19 MR. WATSON: I assume then you continue to
20 accept him as an expert for giving testimony?

21 MR. ROGERS: He is recognized as an expert and
22 remains under oath.

23 Q. So we are asking the Board to approve an exceptional
24 location for the Stedman 1-11-3 Well on a 40-acre unit in the
25 Blue Creek Coal Degasification Field. We have handed up as

1 an exhibit a plat of this well. Would you describe the
2 exceptional location that we are asking be approved,
3 Mr. Yancey?

4 A. The Stedman 1-11-3 Well was permitted on a 40-acre
5 unit consisting of the Northeast of the Southwest Quarter,
6 Section 1, Township 19 South, Range 9 West. The well was
7 permitted at a location of 154 feet from the North line and
8 562 feet from the East line. With the recent technology and
9 our updated survey, we discovered that the well is actually
10 drilled at a location of 91 feet from the North line and 433
11 feet from the East line which would qualify as an exception
12 to Rule 4B of the Special Field Rules.

13 Q. All right, sir. And offsetting this well to the
14 North is a well on an 80-acre unit, the Mayfield well?

15 A. That is correct.

16 Q. All right, sir. And you, again, the same procedures
17 that you have just described in the previous hearing for
18 preventing this type location being drilled in the future as
19 an exception are the same?

20 A. Yes, they are.

21 Q. All right, sir.

22 MR. WATSON: By reference, we will incorporate
23 that part of his testimony, Mr. Rogers, to avoid having to
24 go through that again for the safety measures having been
25 put in place.

1 Q. So you are asking the Board then or Walter Black
2 Warrior Basin, LLC is asking the Board to approve this
3 exception to Rule 4B at a 91-foot location. And in your
4 opinion, would the granting of the petition prevent waste and
5 protect correlative rights?

6 A. Yes.

7 Q. All right, sir.

8 MR. WATSON: And I would ask that you receive
9 into the record of this hearing, Mr. Rogers, the plat of
10 this Stedman well into the record.

11 (Whereupon, (Item 3) plat of Stedman well was
12 offered into evidence.)

13 MR. ROGERS: The plat is admitted.

14 (Whereupon, (Item 3) plat of Stedman well was
15 received into evidence.)

16 MR. WATSON: And I tender the witness to you and
17 the Staff for any questions that you have.

18 MR. ROGERS: Any questions from the Staff?

19 DR. BOLIN: The Staff has no questions.

20 MR. ROGERS: This well was 91 feet and we didn't
21 have that issue particularly about the production in the
22 adjoining unit.

23 MR. WATSON: That is right.

24 MR. ROGERS: Anything else?

25 MR. WATSON: That is all.

1 MR. ROGERS: The Staff will review the evidence
2 and make a recommendation to the Board.

3 MR. WATSON: Thank you.

4 MR. ROGERS: Thank you, Mr. Watson. The next
5 item is Item 5, Docket No. 3-19-13-04, petition by Black
6 Warrior Methane Corporation.

7 MR. WATSON: I have one witness and I would like
8 to have him sworn in, Mr. Rogers.

9 MR. ROGERS: State your name and address.

10 MR. HUTCHENS: Eric Hutchens, McCalla, Alabama.

11 (The Hearing Officer swears in the witness.)

12 MR. ROGERS: Thank you. Mr. Watson, this would
13 be a good one I think for you to give a little background
14 about the reasons for the request and the background of this
15 whole matter.

16 MR. WATSON: Yes, sir, we will.

17

18 (ITEM 5) DIRECT EXAMINATION BY MR. WATSON:

19 Q. Mr. Hutchens, you have appeared before this Board
20 numerous times and have on file an affidavit of your
21 qualifications as a production superintendent for Black
22 Warrior Methane Corporation; is that correct?

23 A. Yes.

24 Q. And you are familiar with the well that we are asking
25 the Board today to relinquish and terminate jurisdiction and

1 authority over that is the Hassinger 17-06-516 Well?

2 A. That is correct.

3 Q. This is not the first time we have asked the Board to
4 relinquish jurisdiction over wells within the mining area of
5 the Brookwood Coal Degasification Field and this one is in
6 the Oak Grove Coal Degasification Field, is it, we have asked
7 for relinquishment before for other wells?

8 A. Yes, we have.

9 Q. In Oak Grove and in Brookwood?

10 A. Yes.

11 Q. Tell Mr. Rogers and the Staff in your own words why
12 we are asking the Board to relinquish jurisdiction and then
13 we will go through your exhibits.

14 A. For this particular well, mine number seven, we would
15 like to convert the original degas wellbore into a utility
16 hole to serve mine number seven North.

17 When we typically drill a well in the potential
18 mine plan for the mines, we always try to run fiberglass over
19 the mine horizon. And this particular item, we ran
20 fiberglass from 1356 to 1384. The continuous miner section
21 is going to get fairly close to this one and they want to
22 convert it over to a utility hole.

23 Q. Now, you run the fiberglass because of the longwall
24 mining cannot encounter steel successfully; is that right, so
25 this fiberglass can be cut through by the continuous miner?

1 A. That is correct.

2 MR. WATSON: Mr. Rogers, historically once you
3 drill a well into this underground mining environment some
4 2,000 feet, that hole has a great deal of utility for the
5 mining company.

6 Q. And one of the reasons they would use those holes is
7 for communication wire and ventilation; is that right,
8 Mr. Hutchens?

9 A. Yes. And also running power down into the mines.
10 They run power to give them power underground.

11 Q. And normally these wells, when they cease producing
12 outside of the actual underground mining environment, they
13 are plugged and abandoned, but in these cases we are asking
14 the Board to leave these holes open, are we not?

15 A. Yes, we are.

16 Q. For that very reason that you have just stated. Now,
17 we have handed up some exhibits that you have prepared. Tell
18 Mr. Rogers and the Staff what is shown on your Exhibit Number
19 1.

20 A. Exhibit Number 1 is a current configuration of the
21 wellbore. In February, we went in and plugged off the Black
22 Creek and this was a single-zone completion for this well.
23 We plugged back to Black Creek, set a mechanical plug at 1550
24 and spotted cement above it. We confirmed the fiberglass was
25 across the mining horizon so the mines can use it.

1 Q. Okay. And what are you showing in Exhibit Number 2?

2 A. Exhibit Number 2 is a monthly well production. This
3 well made very little gas in the life of the well. It made a
4 lot of water. Geologically, this area is very, very wet so
5 it's never really produced or been an economic well.

6 Q. So it would lend itself to being a great utility
7 borehole for those purposes that you have described, right?

8 A. Yeah. And the mines think they can save the cost of
9 drilling a well which may be in excess of \$150,000 by
10 converting this over.

11 Q. Okay. Your next pages of exhibits are the production
12 information for this well when it was on production?

13 A. Yes.

14 Q. A cumulative production for the well, all right. And
15 then your next exhibit in the booklet of exhibits, if I can
16 turn the page, is a plat showing the location of this well?

17 A. That is correct.

18 Q. It was on an 80-acre unit consisting of the Southeast
19 Quarter of the Northwest Quarter and the Southwest Quarter of
20 the Northeast Quarter of Section 17, Township 19 South, Range
21 7 West?

22 A. Yes.

23 Q. And this also shows the various other wells that I
24 assume are either still producing or have produced
25 surrounding this in Section 17?

1 A. Yes.

2 Q. All right, sir. The next exhibit shows a location of
3 the underground mine panel?

4 A. Yes. We did a deviation survey on the well to give
5 the mine an exact location as far as in the 67 foot of -- at
6 the mining horizon away from the ribline of the mine.

7 Q. Away from the ribline, what is the ribline?

8 A. Ribline is part of the continuous miner. And what
9 they would do is the mine will not actually intercept this
10 well, but they will get as close to it as they can. They
11 will extend that continuous miner over and then they will tie
12 into the well from that ribline.

13 Q. And the next exhibits are Board forms 7 and 11 that
14 you filed with -- regarding this well; is that right?

15 A. Yes.

16 Q. All right. So to require us to plug and abandon this
17 well would then be a wasteful measure as far as the
18 underground miners are concerned; is that right?

19 A. That is correct.

20 Q. By relinquishing and terminating jurisdiction over
21 this well, we are not doing anything that would endanger the
22 environment in and around this wellbore, are we?

23 A. No.

24 Q. Okay. The mine will take over the responsibility for
25 this wellbore and will use it as a utility hole for the

1 underground mine operations?

2 A. Yes.

3 Q. All of which promotes underground mine safety for
4 those men and equipment working underground?

5 A. Yes.

6 Q. Okay. So is it your opinion then, Mr. Hutchens, that
7 the granting of this petition by the Board relinquishing
8 jurisdiction over this Hassinger 17-06-516 Well will promote
9 reasonable and orderly development of the coal resources and
10 will not create waste as that term is defined in the oil and
11 gas log?

12 A. Yes, I believe it will.

13 MR. WATSON: Receive into the record of the
14 hearing the exhibits prepared by Mr. Hutchens, if you would,
15 Mr. Rogers.

16 (Whereupon, (Item 5) exhibits prepared by
17 Mr. Hutchens were offered into evidence.)

18 MR. ROGERS: The exhibits are admitted.

19 (Whereupon, (Item 5) exhibits prepared by
20 Mr. Hutchens were received into evidence.)

21 MR. WATSON: And I tender him to you and the
22 Staff for any questions you have.

23 MR. ROGERS: Any questions from the Staff?

24 DR. BOLIN: No questions.

25 MR. ROGERS: I'll just state this for

1 everybody's information. In '95, I believe it was, after
2 extensive discussions, the Board decided, as Mr. Watson has
3 discussed, that under limited circumstances the Board should
4 relinquish jurisdiction over coalbed methane wells. And Mr.
5 Watson has stated it seemed to be a good idea to simply
6 relinquish jurisdiction so that the wells could be used in
7 coal operations rather than the Board ordering the wells
8 plugged and abandoned because that wouldn't serve any
9 purpose. So we have done this for sometime off and on
10 through the years and this would be another request like
11 that and we think it's beneficial to do it this way, much
12 better than just ordering the well plugged. So it's a
13 little unusual for the Board to relinquish jurisdiction but
14 that is the best situation here.

15 MR. WATSON: Yes, sir, and we appreciate that.

16 MR. ROGERS: Anything else?

17 MR. WATSON: That is all.

18 MR. ROGERS: The Staff will review the evidence
19 and make a recommendation to the Board.

20 The next item is Item 6, Docket No. 3-19-13-05,
21 petition by Ventex Operating Corporation.

22 MR. WATSON: I have one witness, Mr. Rogers, I
23 would like to have him sworn in, please, sir.

24 MR. ROGERS: State your name and address.

25 MR. BISSMEYER: David Bissmeyer, Allen, Texas.

1 (The Hearing Officer swears in the witness.)

2 MR. WATSON: Mr. Rogers, I have pre-filed an
3 Affidavit of Notice in this matter and I would ask that it
4 be made a part of the record.

5 (Whereupon, (Item 6) Affidavit of Notice was
6 offered into evidence.)

7 MR. ROGERS: The Affidavit of Notice is
8 admitted.

9 (Whereupon, (Item 6) Affidavit of Notice was
10 received into evidence.)

11 MR. WATSON: This is a request by Ventex
12 Operating Corporation asking the Board to enter an order
13 approving the commingling of non-unit production from the
14 Lower Cotton Valley Sand Oil Pool with unit production from
15 the East Haynesville Sand Oil Pool in the North Rome Field,
16 Covington County, Alabama. My witness is David Bissmeyer.

17 Mr. Bissmeyer, you are familiar with this
18 question that I have just announced and been called by
19 Mr. Rogers for hearing this morning?

20 MR. BISSMEYER: I am.

21 MR. WATSON: Do you have on file an affidavit of
22 your qualifications as a petroleum engineer?

23 MR. BISSMEYER: I do.

24 MR. WATSON: And have you prepared exhibits in
25 support of this request for commingling?

1 MR. BISSMEYER: I have.

2 MR. WATSON: I tender Mr. Bissmeyer as an expert
3 petroleum engineer, Mr. Rogers.

4 MR. ROGERS: He is so recognized.

5

6 DAVID BISSMEYER,
7 having been first duly sworn, was examined and testified
8 as follows:

9

10 (ITEM 6) DIRECT EXAMINATION BY MR. WATSON:

11 Q. Mr. Bissmeyer, I have handed up a copy of your
12 exhibits that you have prepared in support of this request.
13 And just like the previous case, this is not the first time
14 that Ventex has been before the Board asking for permission
15 to commingle production, is it?

16 A. That is correct.

17 Q. All right, sir. If you would turn in your booklet of
18 exhibits to your Exhibit Number 1, why don't you tell us
19 where this well is located and then we will give some history
20 of this?

21 A. This first exhibit is a location plat of the Hart 4-7
22 No. 2 which is the well that we are requesting for
23 commingling and it is located in the North Rome Field in
24 Covington County, Alabama.

25 Q. All right, sir.

1 MR. WATSON: Mr. Rogers, for the record, Torch
2 Operating Company established the North Rome Field for the
3 Haynesville Sand Oil Pool in 1991. In 1999, we created a
4 partial field-wide oil unit at North Rome Field to be known
5 as East Haynesville Sand Oil Unit. In 2002, the Board
6 allowed us to commingle production from the West Haynesville
7 Sand Oil Pool with the Lower Cotton Valley Sand Oil Pool and
8 the Paramount-Findley 5-2 No. 1 Well. And then in 2006, the
9 Board granted Ventex permission to commingle and allocate
10 production from the East Haynesville Sand Oil Pool with the
11 Lower Cotton Valley Sand Oil Pool and the Paramount-Hart 4-7
12 No. 1 Well.

13 So we are coming back today now to ask for
14 permission to commingle here the Lower Cotton Valley with
15 the East Haynesville Sand Units Pool.

16 Q. And let's look at your second exhibit, I'm sorry -- I
17 think that is sufficient right there. Let's look at your
18 second exhibit and describe the field and the well that we
19 are talking about commingling production in.

20 A. The second exhibit is a plat with the various
21 production units that exist in the North Rome Field. Of note
22 for this particular hearing is the -- are the two units on
23 the right-hand side of this exhibit outlined in the blue and
24 red outline are the -- is the total unit outline for the East
25 Haynesville Sand Oil Unit. That is approximately 406 acres.

1 The outline in brown inset inside that East Haynesville Oil
2 Unit outline is the 190-acre Lower Cotton Valley Sand Oil
3 Pool.

4 And within that 190-acre unit you see the three
5 wellbores, the Hart 4-7 No. 1 up to the Northeast or
6 Northwest part of that Cotton Valley Unit, the Hart 4-7 No. 2
7 which is about central to that 190-acre unit and the Federal
8 4-8 which is on the Western boundary or Western side of that
9 190-acre unit.

10 Q. All right, sir. Now, let's give Mr. Rogers and the
11 Staff some of the history about what has been going on here
12 and what opportunities you see that you can develop and the
13 reason we are asking for this commingling, Mr. Bissmeyer.

14 A. Briefly, since Ventex has taken over operations from
15 Torch in '99, we have produced and developed close to
16 1.7 million barrels of incremental oil through a concerted
17 effort of reservoir management and project capital
18 implementation. These efforts have been undertaken in
19 conjunction with the Board through various unitizations as
20 Mr. Watson outlined and expansion or identification of new
21 units, that being the Lower Cotton Valley Unit and the
22 expansion of that unit.

23 And we had subsequently come to the Board
24 requesting commingling on two separate occasions with the
25 Lower Cotton Valley Unit and the East Haynesville Sand Oil

1 Pool in the case of the Hart 4-7 No. 1 and commingling with
2 the West Haynesville Sand Oil Pool in the case of the Findley
3 5-2. All of these actions undertaken in conjunction with the
4 Board, as I said, have resulted in the maximization and
5 efficient development of the reserves underlain in the North
6 Rome Field.

7 As part of that authorization, the Board granted
8 the establishment of the East Haynesville Sand Oil Unit back
9 in '99 and Ventex subsequently drilled an injection well, the
10 Lassiter 4-10 which is shown on the Southern boundary of that
11 East Haynesville Sand Oil Unit outline. That well was used
12 as an injection well for several years and injected
13 approximately 475,000 barrels over the life of that well.

14 That well currently has a temporarily
15 abandonment status as granted by the Board earlier this year
16 or an extension of that status. The well will cease or the
17 injection in the Lassiter 4-10 Well was ceased once we
18 observed water breakthrough in the 4-8 No. 1 Well back in
19 2004.

20 And since that time, the East Haynesville Sand
21 Oil Unit was being produced by the 4-8 No. 1 and the Hart 4-7
22 No. 2.

23 In the first quarter of 2012, the Hart 4-7 No. 1
24 ceased to produce due to mechanical problems, and we
25 initially attempted to reestablish production out of that

1 wellbore, but were unsuccessful with the efforts that we had
2 put forth at that time. We do not necessarily think the
3 wellbore is junked, but given our understanding of the
4 remaining reserves at that point in time out at the East
5 Haynesville Sand Oil Unit, we temporarily suspended
6 operations. The 4-8 well had ceased producing several years
7 prior, as I mentioned, when water had broken through.

8 In January of this year, we submitted to the
9 Board our annual report of the East Haynesville Sand Oil
10 Unit. And in that discussion we indicated that we were
11 undertaking the reservoir evaluation to determine if there
12 were, in fact, underlain or additional reserves that we felt
13 may be underlaying the East Haynesville Sand Oil Unit that
14 were not recoverable by the two producing wellbores, that
15 being the 4-8 No. 1 and the Hart 4-7 No. 1.

16 And, in fact, since that time, we have concluded
17 our evaluation and we do feel that there are existence of
18 by-passed reserves underlain the Hart 4-7 No. 2 location.

19 It is in our interpretation a structurally
20 higher point in the East Haynesville Sand Oil Unit as
21 compared to the Hart 4-7 No. 1 and Federal 4-8.

22 So we have come to the Board to propose to allow
23 for commingling because the Hart 4-7 No. 2 is still an
24 economic producer in the Cotton Valley Reservoir at this
25 time. But should we be granted the petition to commingle, we

1 will undertake operations to deepen the Hart 4-7 No. 2
2 wellbore which was not initially drilled through the East
3 Haynesville Sand Oil Unit. We would deepen it to intersect
4 the Haynesville unit and plan to establish production from
5 that wellbore and recover reserves that would otherwise not
6 be recovered.

7 Q. Let's go to your Number 3 and tell Mr. Rogers and
8 Staff how that well would be configured to allow that process
9 that you have just described.

10 A. This Exhibit 3 is a depiction on the left side of the
11 existing wellbore diagram of the Hart 4-7 No. 2 wellbore. We
12 have casing set at 11,897 feet. It's five and a half casing.
13 Currently, our packer is set at 11,080 feet with perforations
14 in the Lower Cotton Valley from 11,132 to 11,245. That is
15 not a continuous interval. There are several intervals that
16 are produced throughout that Lower Cotton Valley interval as
17 is defined by the Board. This well is produced on a
18 hydraulic pump system.

19 The schematic on the right-hand side is how we
20 would propose to commingle, firstly complete and then
21 commingle the Hart No. 2 following the deepening process. We
22 would propose to deepen the well to approximately 12,150 feet
23 which should be sufficient to get us all the way through the
24 East Haynesville Sand Oil Unit, at which time, once we ran
25 the open hole logs and evaluation suite, we would run and

1 propose and plan to run a liner, approximately a
2 three-and-a-half-inch liner down through the
3 five-and-a-half-inch existing casing and hang that liner off
4 the very bottom of the five-and-a-half casing so as not to
5 cover up any of the existing perforations in the Lower Cotton
6 Valley Unit.

7 Q. All right, sir. Your Exhibit Number 4?

8 A. Exhibit 4 is a historical production graph of the
9 Hart 4-7 No. 2 out of the Lower Cotton Valley Unit. It
10 illustrates that the well was brought on in 2000 and produced
11 at rates in excess of -- averaging excess of 10,000 barrels
12 of oil per month in approximately 2004 when the decline from
13 the wellbore had been well established and continued onto
14 this day.

15 Q. All right, sir. And Exhibit 5?

16 A. Exhibit 5 is the same historical production graph
17 with our forecasted decline curve which is establishing how
18 we believe this well will continue to produce or would
19 continue to produce if it were to be produced out of only the
20 Lower Cotton Valley Sand Oil Pool.

21 Q. Okay. And Exhibit Number 6?

22 A. Exhibit 6 is simply a tabular data of that projected
23 forecasted curve out to a point of what we believe would be
24 an economic limit for this wellbore at current operating
25 conditions and oil price environment out to October of 2022,

1 and this is the table that we would propose to use to
2 establish the baseline for the commingling petition.

3 Q. If I could refer you back to Exhibit Number 5 just a
4 minute, if you can project out the life of this well given
5 those parameters you just described, then any additional
6 production would be coming from the new zone that you have
7 opened up in this well, would it not?

8 A. That is correct.

9 Q. And then how do you propose to allocate the new
10 production?

11 A. We would allocate based on -- the tabular data would
12 be established as the data that our crude purchaser towards
13 the mineral interest attributable to the Lower Cotton Valley
14 Unit and any incremental production above that established
15 tabular data would be attributed to the East Haynesville Sand
16 Oil Unit and paid to those mineral owners accordingly.

17 Q. In the unit?

18 A. In the unit.

19 Q. As unitized production?

20 A. Correct.

21 Q. And that formula has already been established by this
22 Board and you would simply be using that formula to make your
23 distributions of the royalty income, and I assume any working
24 interest costs would be shared on the same basis?

25 A. That is correct. That is precisely how we would

1 establish that procedure. And our current purchaser, Genesis
2 Marketing, has been the purchaser of the crude throughout the
3 life of this field and has established this procedure in the
4 previous granting of the petition as you outlined, Mr.
5 Watson.

6 Q. Okay. And this procedure of allocating has been --
7 we have done some of the reverse, but this same type of
8 procedure has been approved by the Board in previous
9 comminglings for your company; is that correct?

10 A. That is correct.

11 Q. Is it your testimony, Mr. Bissmeyer, to Mr. Rogers
12 and the Staff that this procedure that you have outlined to
13 try and intercept reserves that are not now accessible to a
14 wellbore would prevent waste and that your allocation
15 procedures as you have described would protect the
16 correlative rights of those unit and non-unit owners in the
17 production and the additional production and the existing
18 production through this wellbore?

19 A. It is.

20 MR. WATSON: Mr. Rogers, I would ask that you
21 receive into the record of this hearing Exhibits 1 through 6
22 to the testimony of Mr. Bissmeyer.

23 (Whereupon, (Item 6) Exhibits 1 through 6
24 were offered into evidence.)

25 MR. ROGERS: The exhibits are admitted.

1 (Whereupon, (Item 6) Exhibits 1 through 6
2 were received into evidence.)

3 MR. WATSON: I tender him to you and members of
4 the Staff for any questions you have on this item.

5 MR. ROGERS: Dr. Bolin.

6 DR. BOLIN: Mr. Bissmeyer, in regard to your
7 testimony you are using production decline curve analysis to
8 make the projection of the production as we go forward after
9 commingling. Would you characterize the use of the
10 production decline curve as an accepted industry method for
11 making such projects?

12 MR. BISSMEYER: Yes, sir, I would.

13 DR. BOLIN: And is it also true that I believe
14 according to your testimony that this is the same
15 methodology that was used in the commingling of the
16 production and accounting for the production for other wells
17 in North Rome?

18 MR. BISSMEYER: Yes, sir, it is the same
19 procedure.

20 DR. BOLIN: Thank you. That is all.

21 MR. ROGERS: I would comment in the order to
22 state as precisely as possible, Mr. Watson, the allocation
23 formula so it will be clear in the order and with certainty.

24 MR. WATSON: Yes, sir.

25 MR. ROGERS: Anything else, Mr. Watson?

1 MR. WATSON: That is all we have on this item.

2 MR. ROGERS: The Staff will review the evidence
3 and make a recommendation to the Board.

4 The next item is Item 7, Docket No. 3-19-13-09,
5 petition by South Carlton Operating Company, LLC. That last
6 item, Mr. Watson, it will probably be helpful to attach that
7 last exhibit to the order since that is where the formula
8 comes from.

9 MR. WATSON: I will.

10 MR. NIX: Mr. Rogers, I have one witness I
11 would like to have sworn.

12 MR. ROGERS: State your name and address.

13 MR. HAYNES: Charles D. Haynes, Guntersville,
14 Alabama.

15 (The Hearing Officer swears in the witness.)

16 MR. NIX: Mr. Rogers, for the record, my name is
17 Jim Nix. I represent South Carlton Operating Company, the
18 petitioner in this matter.

19 This petition relates to the extension of
20 shut-in status and temporarily abandoned status of 14 wells
21 in the South Carlton Field. We believe that all of these
22 wells have future utilities and all of them are part of the
23 field-wide unitization of South Carlton Field.

24 We have pre-filed an Affidavit of Notice in
25 this matter and I request that said Affidavit of Notice be

1 made a part of this record.

2 (Whereupon, (Item 7) Affidavit of Notice was
3 offered into evidence.)

4 MR. ROGERS: The Affidavit of Notice is
5 admitted.

6 (Whereupon, (Item 7) Affidavit of Notice was
7 received into evidence.)

8 MR. NIX: Mr. Rogers, for your information,
9 yesterday I talked to him by telephone about a proof of
10 publication and it has arrived this morning to the Board.

11 MR. ROGERS: That is what we understand, that is
12 good news.

13 MR. NIX: I have passed out an exhibit booklet
14 that contains Exhibits 2 through 17 and there is another
15 sheet I passed out that I have not -- I did not file in time
16 with the Board and we can either use it as an exhibit today
17 or just for information for the Staff and following through.
18 I'll leave that to the Staff's discretion.

19 MR. ROGERS: All right.

20 MR. NIX: Dr. Haynes, are you familiar with the
21 petition we filed in this docket?

22 MR. HAYNES: I am.

23 MR. NIX: Have you previously testified before
24 this Board?

25 MR. HAYNES: I have.

1 MR. NIX: Has an affidavit of your
2 qualifications been filed with this Board?

3 MR. HAYNES: It has.

4 MR. NIX: Mr. Rogers, I tender this witness as
5 an expert for the purpose of giving testimony in this
6 matter.

7 MR. ROGERS: He is recognized as an expert
8 engineer.

9
10 CHARLES D. HAYNES,
11 having been first duly sworn, was examined and testified
12 as follows:

13
14 (ITEM 7) DIRECT EXAMINATION BY MR. NIX:

15 Q. Please briefly describe your involvement with South
16 Carlton Field.

17 A. Well, I am in my 42nd year of working with South
18 Carlton off and on. I did take a ten-year break from 1990 to
19 2000, but I consulted with Belden & Blake in the early '70s
20 regarding drilling, logging and developing their operations
21 there. I took over operations in 1977 at South Carlton and
22 operated the field until 1990 until we sold it.

23 Mr. Rinehart contacted me in 2003 to assist him
24 in doing various work there. And in 2005, I assisted him in
25 obtaining the unitization for the South Carlton Field-Wide

1 Unit and we since operated it and I still provide counsel
2 when I am called on.

3 Q. Would you please briefly explain why the existing
4 wellbores are very important in the South Carlton Field,
5 whether they are currently being produced or whether they are
6 just inactive as far as temporarily abandoned or shut in?

7 A. I frequently use the example of South Carlton being
8 an oil factory where the wells are like machines on a factory
9 floor. They go into disrepair from time to time and need
10 rehabilitating. In the case of a cased borehole in South
11 Carlton, when I look at one it has four uses to me, it can be
12 a producer, it be can be an EOR injector, it can be a
13 disposal well or water source well. And, of course, it can
14 be plugged and abandoned if none of the above options seem to
15 make any sense.

16 Q. Dr. Haynes, I direct your attention to the exhibit
17 booklet which we passed out. In this booklet, there are 16
18 exhibits which are numbered 2 through 17. Are you familiar
19 with each of these exhibits which were passed out?

20 A. I am.

21 Q. Who prepared said exhibits?

22 A. Mr. Rinehart prepared the lion's share of the
23 exhibits. I consulted with him from time to time in their
24 preparation.

25 Q. To the best of your knowledge, information and

1 belief, do these exhibits accurately portray the matters and
2 facts shown thereon?

3 A. They do.

4 Q. I direct your attention now to Exhibit 2 which is
5 entitled Planned Workover and Drilling Activities 2013, 2014.
6 Would you please discuss this exhibit?

7 A. Is it the spreadsheet?

8 Q. This would be Exhibit Number 2.

9 A. Excuse me, I'm sorry. You may remember that
10 Mr. Rinehart and I had been in touch with the Board since
11 late 2011 with regard to organizing the gaggle of wells that
12 needed work in South Carlton. And we have attempted during
13 that time since 2011 to prioritize their workovers to assess
14 or establish from time to time, to admit defeat when
15 necessary, and other situations regarding these wells to
16 ultimately return them to utility status in the field.

17 And you have noticed that Mr. Rinehart, with my
18 assistance, has provided well status, also the workover plans
19 in this case for 2013 and 2013 drilling plans and also the
20 2014 workover plans.

21 The idea, as I said, is to have a continual
22 course of discussion with the Board concerning the status of
23 these wells with the attempt to eliminate the TA and SI
24 status, that is, we want to make all of them operable or
25 plugged and abandoned ultimately in the development of the

1 unit.

2 Q. You have prepared a separate spreadsheet that we have
3 passed out that is an unnumbered exhibit, it can be
4 acceptable as an exhibit that you have signed. Would you
5 please discuss this one? It's entitled Well Status and
6 Intended Fate.

7 A. I prepared this to condense the numerous other
8 exhibits we had on these wells that are contained in the
9 petition and it's a flow-through or a longitudinal study or
10 whatever you want to call it starting in 2012 on to the end
11 of 2014, and taking each well and looking at what we intend
12 to do with it. And then by the year end 2014, you will
13 notice we have a zero for each TA and shut-in aggregate of
14 wells.

15 And Mr. Rinehart is working on several of these
16 wells. Even now, the 3-3A, Wall 3-3A, the Wall 3-6 and the
17 Williams 10-12 No. 2 are being worked over at this present
18 time. So this is a continually active situation where work
19 is done by the rigs in the field as circumstances dictate.

20 Q. Dr. Haynes, let's go to Exhibit 3 through 16 which
21 are the TA/SI questionnaires and wellbore schematics. Would
22 you just real briefly for the Board go through those and
23 explain anything you would like to on these questionnaires of
24 exhibits?

25 A. I don't want to make this laborious. If the Board

1 asked me to gloss over them, I will, or --

2 MR. ROGERS: You don't have to go into detail,
3 just generally.

4 A. Okay. I'll just say that each one of these wells in
5 this exhibit has a TA/SI request questionnaire filled out
6 signed by Mr. Rinehart. He and I discussed these as they
7 were being prepared as well as the present wellbore
8 schematics. And for each of these wells we have these two
9 exhibits for this entire accompaniment of wells we are
10 discussing today.

11 MR. ROGERS: All right.

12 Q. Are you also familiar with the C. O. Oswell 15-1 #7
13 Well?

14 A. I am.

15 Q. What is the current status of this well?

16 A. Well, the current status of the well is being worked
17 over as a class two step one UIC permit. Mr. Rinehart got
18 caught by high water in the working over this well. As you
19 know, it's a fact of life down there. We pretend we are
20 offshore for about six months of the year. And in doing so,
21 we asked the Board for an extension and this has been granted
22 until July 14 of this year, but work is underway on the
23 Oswell well at the present time.

24 Q. Dr. Haynes, the various letters that are part of
25 Exhibit 17, you are familiar with those, are you not,

1 concerning the Oswell well?

2 A. I am.

3 Q. To the best of your knowledge, information and
4 belief, are each of the wells which are the subject of the
5 petition in a safe condition and operated in compliance with
6 the rules and regulations of this Board?

7 A. Yes.

8 Q. To the best of your knowledge, information and
9 belief, do these wells pose any hazard to the environment in
10 their current status?

11 A. No, I don't believe they do.

12 Q. To the best of your knowledge, information and
13 belief, are the leases covering the unit for these wells
14 still in force and effect?

15 A. They are, to my knowledge.

16 Q. Does South Carlton Operating Company, LLC have a
17 plugging bond on file with the Board to ensure the eventual
18 proper plugging and abandonment of each of these wells?

19 A. They do.

20 Q. In your opinion, would the granting of the relief
21 requested in the petition filed in this docket prevent waste
22 as defined by the Code of Alabama and the rules and
23 regulations of this Board?

24 A. It will.

25 Q. In your opinion, will the granting of said relief

1 ultimately result in recovery of more oil and other
2 hydrocarbon reserves from the South Carlton Field?

3 A. I believe it will.

4 Q. In your opinion, will the granting of said relief
5 safeguard, protect and enforce the correlative rights of all
6 owners of hydrocarbons to the extent that each owner may
7 receive its fair and equitable share of hydrocarbons without
8 unnecessary expense?

9 A. Yes.

10 MR. NIX: Mr. Rogers, I provided you with a
11 signed copy of all the exhibits which we have presented. I
12 would request that Exhibits 2 through 17 be received into
13 evidence as part of this witness' testimony.

14 (Whereupon, (Item 7) Exhibits 2 through 17
15 were offered into evidence.)

16 MR. ROGERS: Those exhibits are admitted.

17 (Whereupon, (Item 7) Exhibits 2 through 17
18 were received into evidence.)

19 MR. NIX: I would also request that the
20 unnumbered exhibit be admitted as an additional exhibit.

21 (Whereupon, (Item 7) unnumbered exhibit was
22 offered into evidence and made Exhibit 1.)

23 MR. ROGERS: We are going to admit that and we
24 will just call that Exhibit 1.

25 (Whereupon, (Item 7) Exhibit Number 1 was

1 received into evidence.)

2 MR. NIX: Okay. Mr. Rogers, I tender this
3 witness to the Board and to the Staff for further questions.

4 MR. ROGERS: Questions from the Staff?

5 DR. BOLIN: The Staff has no questions.

6 MR. ROGERS: Anything else, Mr. Nix?

7 MR. NIX: That should do it. Thank you.

8 MR. ROGERS: The Staff will review the evidence
9 and make a recommendation to the Board. Thank you.

10 MR. NIX: Thank you.

11 MR. ROGERS: The next item in is Item 9, Docket
12 No. 5-7-13-02, petition by Jabsco Oil Operating, LLC.

13 MR. WATSON: Mr. Rogers, I have a witness and
14 would like to have him sworn in, please, sir.

15 MR. ROGERS: State your name and address.

16 MR. MEADOWS: Phillip Meadows, Hartselle,
17 Alabama.

18 (The Hearing Officer swears in the witness.)

19 MR. ROGERS: Happy to have you with us, Mr.
20 Meadows.

21 MR. MEADOWS: It's been a while.

22 MR. WATSON: Mr. Rogers, I have pre-filed an
23 Affidavit of Notice in this matter and ask that it be
24 admitted into the record.

25 (Whereupon, (Item 9) Affidavit of Notice was

1 offered into evidence.)

2 MR. ROGERS: The Affidavit of Notice is
3 admitted.

4 (Whereupon, (Item 9) Affidavit of Notice was
5 received into evidence.)

6 MR. WATSON: We are asking -- Jabsco Oil
7 Operating, LLC is requesting the Board to amend Rule 1 of
8 the Special Field Rules for the Chicken Swamp Branch Oil
9 Field in Pickens County, to add the Northwest Quarter of
10 Section 1, Township 19 South, Range 15 West, Pickens County
11 to the field, clarify that the Pottsville A sand Oil Pool
12 and the Lewis Sand Oil Pool around that field. And we are
13 asking the Board also to establish the Northwest Quarter of
14 the Northwest Quarter of Section 1 as a permanent production
15 unit for the Homan-Hagler 1-4 No. 1 Well.

16 My witness in support of Jabsco's request is
17 Phil Meadows. Phil, I'm going to ask you since it's been a
18 while since you have been here to give for the record your
19 educational background and then we will talk about your work
20 experience.

21 MR. MEADOWS: Okay. My original degree is in
22 anthropology with a specialty in archeology. When I worked
23 for Alabama Archeological Research for two years, I got my
24 BS in geology here from the University of Alabama.

25 After college, I worked for over two and a half

1 years with Dresser Atlas as a field engineer all over from
2 the Southeast to the North Rockies back down to West Texas.

3 MR. ROGERS: Let me interrupt.

4 MR. MEADOWS: And after coming back from West
5 Texas, I was actually on the Staff --

6 MR. ROGERS: You have a lot of experience. I
7 don't know if we need to go through that, Mr. Watson.

8 MR. MEADOWS: I was on the Oil and Gas Board
9 Staff from '77 to 1980.

10 MR. ROGERS: That is right.

11 MR. WATSON: And we have pre-filed an affidavit
12 of these qualifications with you, so I tender Mr. Meadows as
13 an expert witness to give testimony in the item that has
14 been called. And you prepared exhibits in support of this,
15 have you not, Mr. Meadows?

16 MR. MEADOWS: Yes, I have.

17 MR. ROGERS: He is recognized as an expert.

18 MR. WATSON: All right. Excellent.

19

20 PHILLIP MEADOWS,

21 having been first duly sworn, was examined and testified
22 as follows:

23

24

25 (ITEM 9) DIRECT EXAMINATION BY MR. WATSON:

1 Q. Mr. Meadows, if you would, please, turn in the
2 booklet of exhibits to your first exhibit and describe what
3 is shown there, please, sir.

4 A. Okay. Exhibit 1 shows the current field limits for
5 the Chicken Swamp Branch Gas Field, Chicken Swamp which is
6 highlighted basically in orange, orangish-red. I'm trying to
7 figure up which ones are which. This is a very confusing
8 field, not only the geology, the surface is confusing.

9 Okay. The red area is the current oil unit or
10 is the oil unit -- the current oil unit is in green. The new
11 oil unit for the Penn A sand is highlighted in red, sort of a
12 red there. And then the gas unit is -- the Chicken Swamp
13 Branch Gas Unit is highlighted in purple. And the Lewis Sand
14 Gas Unit is highlighted in blue down there in the North Half
15 of Section 1.

16 Q. All right. All that just being the background what
17 the Board has established in this geographical area; is that
18 right?

19 A. You are correct. It's very complex legally and
20 geologically.

21 Q. But the purpose and the subject of this hearing today
22 is a proposed Chicken Swamp Branch addition that is the
23 Northwest Quarter of Section 1, correct?

24 A. That is correct.

25 Q. All right, sir. Let's look at your Exhibit Number 2,

1 Mr. Meadows, which is a type log for this subject well. Tell
2 us what is shown on that log, please, sir.

3 A. This is a dual induction log on the right-hand
4 column, so left has gamma ray, SP and caliper. This shows
5 the productive interval or the Penn A sand in the
6 Homan-Hagler Number 1-4 No. 1 Well. It is 40-feet thick.
7 It's a beautiful-looking sand. Actually, one of the better
8 looking sands in the field.

9 Q. And it's perforated, you are showing the perforations
10 on this exhibit?

11 A. The entire 40 feet was perforated.

12 Q. And would that be from 4,706 feet to 4,736 feet?

13 A. Is that 30 feet? Yeah, 30 feet was perforated, that
14 is correct.

15 Q. All right, sir. Let's look at your next exhibit,
16 Exhibit Number 3, Mr. Meadows. Tell us what this exhibit is
17 and then describe the information that is shown on the
18 exhibit, please, sir.

19 A. Exhibit Number 3 is a structure map based on the top
20 of the Penn A sand. It shows that you are on an upturned
21 block against a major down to the South -- I mean down to the
22 Northeast fault system which is actually part of well-known
23 graben system that runs through Northern Pickens County.

24 The one thing of interest on this particular
25 map, it's a little more unusual, normally when you have a

1 down to the North graben system you will not have this
2 orientation, this bending down to the South of the fault
3 because that is contrary to normal rock mechanics.

4 What happens there is you get a lot more
5 stressors in there, and it may be a little more complex than
6 what we think is splinter faults running through there.

7 Now, to that end, you notice where I have got
8 the permit number, it's actually the Grace 35-2 No. 1 Well,
9 Permit Number 6524. I have got it right there faulted out as
10 to the structure map as to the pay structure.

11 There is actually a fault cut there at 340 feet
12 at 4660 feet and also I have got it faulted out in the
13 Windham 35-8 Well, which is Permit Number 7452-A. There is a
14 550 -- there is a 545-foot fault at 4610 that I drew in there
15 and there is absolutely no Penn A sand in that well.

16 Q. All right, sir. Let's go to your next Exhibit Number
17 4, which is your Isopach map.

18 A. Okay. Isopach -- everybody has been trying to figure
19 this area out for a while. I believe what we are dealing
20 with here is a high energy channel cut that was deposited
21 sand because of the high porosities in a inner tidal bay area
22 between the Delta fingers or in an estuary in the tidal flats
23 which is saltwater, fresh water tidal flats, which is a lot
24 of clay. And when you get a flood environment or you get
25 a -- the actual water will breach the levies around the main

1 channels and cuts and send other little distributary channels
2 out through the mud flats cutting into it. That is the only
3 thing that I can figure out that would create such high
4 porosities in some of these wells. The original thing that
5 is real interesting is on the E logs is the gamma ray is
6 showing way more clay in this sand than most sand, especially
7 if you have got 18, 20 percent porosity. You should not have
8 such a high clay content. And this would lend support to the
9 concept that we are in a very muddy, silty, high energy,
10 transporting a lot of fine silt in there with it and allowing
11 to clean the sands up and maintain the porosities, but still
12 there was a little higher clay content if you look at gamma
13 ray on those logs, so that all fits the picture quite nicely.

14 Q. Direct your attention, if you would, Mr. Meadows, to
15 the Northwest Quarter of Section 1 and the wellbores there.

16 A. Okay. The Northwest Quarter of Section 1 is
17 Homan-Hagler No. 1 Well, I mean, the channel sand comes right
18 through there and creates a nice, fairly clean 40-foot sand
19 in the Homan-Hagler No. 1 that we are proposing to add to the
20 field.

21 Now, the Homan-Hagler #6 Well, which is Permit
22 Number 16813, that is the most recent one which was actually
23 logged after I did this initial mapping in here and had to
24 make them to remap and it shows a lesser amount of what I
25 consider productive sand. Now, I mapped this -- the Isopach

1 a little differently than most people would. Most people use
2 density neutron or somewhat -- might look at the gamma ray a
3 little bit, but they would also be prone to use micro log as
4 a net pay map.

5 Well, the problem with the micro log as a net
6 pay map is the micro log is an indirect indication of
7 permeability within the sand because the mud cake builds up
8 on it.

9 In a oil environment, if you get any oil in the
10 mud cake it's going to short out your micro log so it's not
11 valid. So I use the electric log, the deep reading and focus
12 log as to how they would separate because they are reading at
13 a different space and their real determination as to
14 permeability because your focus is only reading about
15 16 inches, you know, very shallow, maybe a little less, and
16 medium and out to the deep which will run about 40 inches or
17 42 inches of depth. And what happens as you get the
18 freshwater filtrates back in there, it gives you a little
19 separation on these, a little bit different characteristic.

20 And when I tried to map this gamma ray and all
21 this other stuff, it didn't really fit what the wells were
22 doing productive-wise. So I mapped this a little different
23 than it would normally be done.

24 Q. As I interpret this Isopach map and your structure
25 map, the entire Northwest Quarter of Section 1 is underlain

1 by the Pottsville A sand which is producing the oil at the
2 Chicken Swamp Branch Field; is that correct?

3 A. Yes, it is.

4 Q. Also shown on your Exhibit 4 is a cross-section A -
5 A'. Let's turn to that cross-section A - A' and get you to
6 describe that line of cross-section, Mr. Meadows.

7 A. Okay. A - A' starts up here at Permit Number -- I
8 should write those numbers bigger, 16680 down through 16693
9 and down to the Homan-Hagler No. 1 which is 16668 from left
10 to right.

11 Q. Okay.

12 A. All right. From the A -- well, Keating well, you can
13 see the lower resistivity area which is indicative of the oil
14 zone and the gamma ray on the left as marked there in that
15 well coming down Isopach-wise which I originally showed as
16 the original one on there had about 15 feet of what I
17 considered the actual pay sand. Is that 15? Yeah, 15 feet
18 which I consider as actual pay sand within that Keating 35-9
19 No. 1.

20 As you come down structurally, as you move down
21 this line, you are coming down structurally, this is phased
22 on the subsea prime minus 3500 feet. The Keating 35-16 No. 1
23 has a pretty good-looking sand and maybe a good well there.
24 And that same sand you can project it right on down into the
25 Homan-Hagler well which had had a really good-looking sand

1 and they perforated it, but it didn't do as well as some of
2 the other wells did. It doesn't look near as good on the E
3 logs.

4 Q. All right, sir. Your last exhibit, Exhibit Number
5 6 -- not your last exhibit, Exhibit Number 6, let's discuss
6 that, that is the OGB-9. What did the well test?

7 A. Okay. In a 72-hour test, it tested 42.51 barrels of
8 oil a day with 283 barrels of water from the Pottsville A.

9 Q. All right, sir. And then your final Exhibit Number
10 7, tell us what is shown on that exhibit, Mr. Meadows.

11 A. Exhibit 7 is the production history of the
12 Homan-Hagler 1-4 No. 1 Well in the Pottsville A productive
13 sand. The green line is the oil production and the blue line
14 is the water production. You will notice a marked increase
15 in oil production and in water production in January, that is
16 because they put on a bigger pump.

17 Q. Okay.

18 A. It started producing it and I actually -- I don't
19 believe I show it on here, but the -- included the production
20 for April which isn't on here, which is not required to be
21 filed yet, was 2,239 barrels of oil and made 2,455 barrels of
22 water.

23 Q. Okay. All right. So after your analysis and looking
24 at the logs, is it your testimony to this Board that the
25 Northwest Quarter of Section 1 is underlain by the Pottsville

1 A sand and should be included in the Special Field Rules for
2 the Chicken Swamp Branch Oil Field?

3 A. Yes, it should.

4 Q. Do you believe by including this Northwest Quarter of
5 Section 1 into the field limits it will promote orderly
6 development, prevent waste and protect correlative rights?

7 A. Yes, I do.

8 MR. WATSON: Mr. Rogers, I would ask that you
9 receive into the record of this hearing Exhibits 1 through 7
10 to the testimony of Mr. Meadows.

11 (Whereupon, (Item 9) Exhibits 1 through 7
12 were offered into evidence.)

13 MR. ROGERS: The exhibits are admitted.

14 (Whereupon, (Item 9) Exhibits 1 through 7
15 were received into evidence.)

16 MR. WATSON: And I tender Mr. Meadows to you for
17 any questions you or the Staff may have.

18 MR. ROGERS: Questions? Dr. McQuillian.

19 MR. MCQUILLIAN: Referring to Exhibit 1, just
20 let the record show that our records show that the Northwest
21 Quarter of Section 36 is included in the Chicken Swamp
22 Branch Gas Field.

23 MR. WATSON: We have no objection to it showing
24 that.

25 MR. MEADOWS: Okay.

1 MR. MCQUILLIAN: Mr. Meadows, looking at Exhibit
2 Number 4 -- and when you were speaking about Exhibit 3, you
3 testified I believe that Permit Number 7452-A had no sand in
4 it, right?

5 MR. MEADOWS: Not that I would call Penn A.
6 It's got some sand in it. It's very, very tricky. Like I
7 said, there is a major fault right through that well and I
8 do not recognize -- I think the Penn A has been faulted out
9 and my Isopach map is kind of projecting if the sand were
10 not missing in the section because the channel is not just
11 going to --

12 MR. MCQUILLIAN: That is what I was getting at.
13 Your Isopach map is really a reconstruction?

14 MR. MEADOWS: Yeah, a reconstruction of what the
15 sand would have looked like before the sections were faulted
16 out there.

17 MR. MCQUILLIAN: All right, yeah. Thank you.

18 MR. ROGERS: Mr. Watson, would you just very
19 briefly state the status of the other wells? Permit 16813,
20 I believe your witness said it's been drilled really since
21 the petition was filed. If you would briefly give the
22 background on that so we will have it in the record.

23 MR. MEADOWS: Okay. That is a Homan-Hagler 1-6
24 Well No. 1.

25 MR. ROGERS: Do you know when it was -- we will

1 just get a few facts in the record.

2 A. It's got 32 feet of Penn A sand for the gamma ray but
3 the clean sand is -- which I think might be productive, is
4 only running about ten percent porosity. It's not as good as
5 some of the other wells. It's got about eight feet in there.

6 MR. ROGERS: Productive well and so --

7 A. We believe with a frac job we might can get out to
8 the cleaner sand which ought to be pretty close, and that is
9 my understanding right now.

10 MR. WATSON: This well is not available. The
11 logs have been filed this morning under the requirements and
12 I think the evidence shows that the Northwest quarter is
13 underlain by the Pottsville A sand and it will be completed
14 in due course and we will have to come back to the Board to
15 declare a production unit once that well is completed and
16 tested. There are other zones in the well other than
17 Pottsville A.

18 MR. ROGERS: That is your understanding, Mr.
19 Meadows?

20 MR. MEADOWS: Yes. I note --

21 MR. ROGERS: That is all. Any other questions,
22 Mr. McQuillian?

23 MR. WATSON: That is all we have, Mr. Rogers.

24 MR. ROGERS: Anything else?

25 DR. BOLIN: Nothing else.

1 MR. ROGERS: The Staff will review the evidence
2 and make a recommendation to the Board.

3 The next item is Item 10, Docket No. 5-7-13-03,
4 petition by Exxon Mobil Corporation.

5 MR. WATSON: I have one witness. I would like
6 to have him sworn in, Mr. Rogers.

7 MR. ROGERS: We have another matter, I think
8 something came up, Mr. Watson, on Jabsco, but that area was
9 added so there would be no requirement to come back before
10 the Board --

11 MR. WATSON: Right.

12 MR. ROGERS: -- depending on the results of the
13 well.

14 MR. WATSON: Right, if it's Pottsville A.

15 MR. ROGERS: It seemed that that is what the
16 evidence was so that matter was closed and we will rule on
17 that matter accordingly.

18 MR. WATSON: Thank you.

19 MR. ROGERS: If you will state your name and
20 address.

21 MR. BRINKMAN: Fred Brinkman, Houston, Texas.

22 (The Hearing Officer swears in the witness.)

23 MR. WATSON: Mr. Rogers, I have pre-filed an
24 Affidavit of Notice in this matter and would ask that it be
25 included in the record.

1 (Whereupon, (Item 10) Affidavit of Notice was
2 offered into evidence.)

3 MR. ROGERS: The Affidavit of Notice is
4 admitted.

5 (Whereupon, (Item 10) Affidavit of Notice was
6 received into evidence.)

7 MR. WATSON: Exxon Mobil Corporation is asking
8 the Board to extend the temporary abandonment status for the
9 State Lease 701 #2 Well in the Aloe Bay Field, Mobile
10 County, Alabama. My witness, Fred Brinkman, has appeared
11 before you and has on file an affidavit of his
12 qualifications as a petroleum engineer.

13 Mr. Brinkman, are you familiar with the
14 petition that we have just called here relative to the well
15 in the Aloe Bay Field.

16 MR. BRINKMAN: Yes, I am.

17 MR. WATSON: And are you prepared to testify as
18 to why the temporary abandonment status of that well should
19 be extended?

20 MR. BRINKMAN: Yes, sir, I can.

21 MR. WATSON: I tender Mr. Brinkman as an expert
22 petroleum engineer for giving testimony on this item,
23 Mr. Rogers.

24 MR. ROGERS: He is so recognized.

25

1 FRED BRINKMAN,
2 having been first duly sworn, was examined and testified
3 as follows:
4

5 (ITEM 10) DIRECT EXAMINATION BY MR. WATSON:

6 Q. You have prepared a questionnaire and filed it with
7 the Oil and Gas Board on this well in the Aloe Bay Field; is
8 that right, Mr. Brinkman?

9 A. That is correct.

10 Q. I would like for you to tell Mr. Rogers and members
11 of the Staff what your role is relative to this well and how
12 you go about getting the information that you file with this
13 questionnaire.

14 A. I am the lead reservoir engineer for the Exxon Mobil
15 team that works Mobile Bay Field. And in preparation of
16 these questionnaires, I take -- I, myself, plus typically one
17 of the junior engineers we will go out to the field and check
18 these wells for filling out the questionnaires.

19 Q. In other words, you verify that the questions and the
20 responses are accurate and correct by your own hand and your
21 own eye in addition to working with the staff that is out
22 there; is that correct?

23 A. That is correct.

24 Q. All right, sir. Tell Mr. Rogers and Staff about the
25 75-2 Well in the Aloe Bay Field.

1 A. So the 75-2 Well was drilled in 2002. It was
2 unproductive and it was temporarily abandoned. The well has
3 a dry hole tree on a -- it has no tubing in the well. We
4 monitor casing pressures. It does have a small amount of
5 casing pressure on the 13 and 5/8ths inch. The well as I
6 mentioned has never produced; however, it is believed to have
7 eight and a half to nine percent H2S gas in the productive
8 interval. We do believe it has future utility as a Norphlet
9 producer and a potential sidetrack operation is under
10 investigation. This sidetrack would entail drilling out a
11 couple of plugs and drilling out of the nine and 5/8ths inch
12 casing.

13 Q. All right, sir. And attached to the questionnaire is
14 a schematic of this well and the well, Mr. Brinkman, is it in
15 a safe condition?

16 A. It is.

17 Q. Is it monitored periodically?

18 A. Yes, it is.

19 Q. All right, sir. And by your own testimony you have
20 stated that the well has future utility, it may be used to
21 sidetrack to the Norphlet formation?

22 A. That is correct.

23 Q. So you're recommending to this Board that the
24 temporary abandonment status of this well be continued for up
25 to another -- for an additional year?

1 A. Yes, I am.

2 MR. WATSON: Mr. Rogers, I would ask that you
3 receive into the record of this hearing the affidavit -- I
4 mean the affidavit -- the questionnaire that Mr. Brinkman
5 has prepared.

6 (Whereupon, (Item 10) questionnaire was
7 offered into evidence.)

8 MR. ROGERS: The exhibits are admitted.

9 (Whereupon, (Item 10) questionnaire was
10 received into evidence.)

11 Q. The questionnaire. In your opinion, Mr. Brinkman,
12 would the granting of this petition extending the TA status
13 for the 75-2 Well prevent waste and protect orderly --
14 promote orderly development and protect correlative rights?

15 A. Yes, it would.

16 MR. WATSON: Mr. Rogers, I also have pre-filed a
17 letter from Commissioner Gunter Guy advising the Board that
18 the Department of Conservation has no objection to the
19 granting of this request and I ask that that letter be made
20 a part of the record.

21 (Whereupon, (Item 10) letter from
22 Commissioner Gunter Guy was offered into
23 evidence.)

24 MR. ROGERS: The letter from Commissioner Guy is
25 admitted.

1 (Whereupon, (Item 10) letter from
2 Commissioner Gunter Guy was received into
3 evidence.)

4 MR. WATSON: And the map that I have handed up
5 for the various fields that Exxon operates is for your
6 purposes of following this testimony and at the end of that
7 I'll ask that it be made a part of the record.

8 MR. ROGERS: All right.

9 MR. WATSON: That is all we have on the 75-2
10 Well, Mr. Rogers. I tender my witness for any questions you
11 or members of the Staff have.

12 DR. BOLIN: Mr. Patterson has some questions.

13 MR. PATTERSON: Yes. You stated that this well
14 was a candidate for a sidetrack operation. Do you have a
15 timetable on when that might take place or when the company
16 might put in their plans to look at it?

17 MR. BRINKMAN: We don't have a timetable at this
18 point. We are continuing to do reservoir simulation and
19 geologic mapping and evaluating the size and the risk of the
20 opportunity.

21 MR. WATSON: May I ask a follow-up question to
22 help, Mr. Rogers?

23 MR. ROGERS: Mr. Watson.

24 Q. (BY MR. WATSON:) Is it true, Mr. Brinkman, that the
25 Aloe Bay Unit has one producing well and that this wellbore

1 that we are asking to be left temporarily abandoned could
2 have some future utility as it relates to the Aloe Bay Unit?

3 A. Yes, sir, it does.

4 MR. WATSON: That is all.

5 MR. ROGERS: We will admit that map as Exhibit 2
6 and it can be utilized with other units as we go through it,
7 so all those exhibits are admitted.

8 (Whereupon, (Item 10) map as Exhibit 2 was
9 received into evidence.)

10 MR. WATSON: That is fine.

11 MR. ROGERS: Anything else, Mr. Watson?

12 MR. WATSON: That is all we have on this item.

13 MR. ROGERS: The Staff will review the evidence
14 and make a recommendation to the Board.

15 The next item is Item 11, Docket No. 5-7-13-04,
16 petition by Exxon Mobil Corporation.

17 MR. WATSON: I have pre-filed an Affidavit of
18 Notice in this matter, Mr. Rogers, and would ask that it be
19 made a part of the record.

20 (Whereupon, (Item 11) Affidavit of Notice was
21 offered into evidence.)

22 MR. ROGERS: The Affidavit of Notice is
23 admitted.

24 (Whereupon, (Item 11) Affidavit of Notice was
25 received into evidence.)

1 MR. WATSON: I remind Mr. Brinkman that he
2 remains under oath and I assume you accept his
3 qualifications.

4 MR. ROGERS: He remains under oath and he's
5 recognized as an expert.

6
7 FRED BRINKMAN,
8 having been previously duly sworn, was examined and
9 testified as follows:

10

11 (Item 11) DIRECT EXAMINATION BY MR. WATSON:

12 Q. The next petition, Exxon Mobil is asking the Board to
13 extend the temporary abandonment status for State Lease 539
14 No. 1 Well and we are asking that you extend the shut-in
15 status for the State Lease 538 #3 Well on both of these in
16 North Central Gulf Field Mobile Bay area, Baldwin County,
17 Alabama. I have handed up questionnaires that Mr. Brinkman
18 has prepared in this situation. I'll ask him to take the
19 questionnaires and let's start first with the 116 No. 1 Well.
20 Mr. Brinkman, tell us about that.

21 A. 116 No. 1 requesting for continued temporary
22 abandonment status. The well produced from 1993 until 2007,
23 at which time water production overtook the well and it
24 ceased to produce.

25 A dry hole tree has been installed on the well

1 and we monitor the casing pressures. There is a very small
2 amount of casing pressure on a couple of the casings. The
3 well contains about 50 parts per million H2S. There is a
4 gate to the platform which has an intruder alarm. The field
5 personnel visit the well daily. The well is an integral part
6 of the North Central platform and we are proposing the final
7 abandonment of the well would occur when the abandonment of
8 the platform occurs.

9 Q. All right, sir. You cannot plug and abandon until
10 that other condition occurs, can you?

11 A. That is correct. The casing or drive pipe is part of
12 the structure of the platform.

13 Q. All right, sir. Tell us about the 115 #3 Well,
14 Mr. Brinkman.

15 A. The 115 #3 Well, we are requesting shut-in status.
16 The well produced from January of 2010 until October 2010 at
17 which time increasing water production caused the well to be
18 shut in. There was a very small amount of pressure on the
19 tubing and a small amount of pressure on one of the casing
20 strings. The subsurface safety valve leak check was
21 performed and satisfactorily recently. The well contains
22 about two percent H2S. The platform has an intruder alarm.
23 It's also monitored by electronic gauges and field personnel
24 visit the well weekly. In January of last year we had
25 attempted an acid stimulation, which unfortunately was

1 unsuccessful. Further analysis is underway to look for other
2 ways to return the well to production.

3 Q. All right, sir. And we have a schematic wellbore
4 attached to that questionnaire. So would the extension of
5 the temporary abandonment status and the extension of the
6 shut-in status for the two wells you describe on tract 115
7 and 116 would that prevent waste by granting that status and
8 would the environment be protected, would correlative rights
9 be protected?

10 A. Yes, it would.

11 Q. All right, sir.

12 MR. WATSON: Mr. Rogers, I would ask that you
13 receive into the record of this hearing the questionnaires
14 that Mr. Brinkman has prepared for these two wells and also
15 receive into the record the letter from Conservation
16 Commissioner Gunter Guy to the Board relative to his
17 department's position on this matter.

18 (Whereupon, (Item 11) questionnaires and
19 letter from Conservation Commissioner Gunter
20 Guy were offered into evidence.)

21 MR. ROGERS: All those items are admitted and we
22 note that the commissioner does not object to this petition
23 being granted.

24 (Whereupon, (Item 11) questionnaires and
25 letter from Conservation Commissioner Gunter

1 Guy were received into evidence.)

2 MR. WATSON: I tender my witness for any
3 questions that you or the Staff have.

4 MR. ROGERS: Questions from the Staff?

5 DR. BOLIN: No questions.

6 MR. ROGERS: The Staff has no questions.
7 Anything else, Mr. Watson?

8 MR. WATSON: That is all.

9 MR. ROGERS: We will review the evidence and
10 make a recommendation to the Board.

11 The next item is Item 12, Docket No.
12 5-7-13-05A, petition by Exxon Mobil Corporation.

13 MR. WATSON: I have pre-filed an Affidavit of
14 Notice in this matter, Mr. Rogers, and ask that it be
15 admitted into the record.

16 (Whereupon, (Item 12) Affidavit of Notice was
17 offered into evidence.)

18 MR. ROGERS: It is admitted.

19 (Whereupon, (Item 12) Affidavit of Notice was
20 received into evidence.)

21

22 FRED BRINKMAN,

23 having been previously duly sworn, was examined and
24 testified as follows:

25 (ITEM 12) DIRECT EXAMINATION BY MR. WATSON:

1 Q. This is a request where Exxon Mobil has asked the
2 Board to extend the shut-in status for Tract 112, #4 Well,
3 and for the State Lease 536 #3 Well, both of these wells
4 being in the Northwest Gulf Field, Mobile County, Alabama.

5 Mr. Brinkman, you have answered questionnaires
6 on these wells. Would you turn to those questionnaires and
7 summarize the information on those for the Staff, please,
8 sir?

9 A. The 112 4 Well, we are requesting for additional time
10 for a shut-in status. The well produced from January 2002
11 until December of 2004 at which time the water/gas ratio
12 increased and the well was unable to continue to produce.

13 There is no pressure on the tubing. There is a
14 very small amount of pressure tubing on a couple of the
15 casing strings. The subsurface safety valve was successfully
16 checked late last year. The well contains about .3 percent
17 H2S. There is a locked gate to the platform. The wellhead
18 valves are all closed and the field personnel visit the well
19 monthly. The well does have future utility as a potential
20 Norphlet producer and a sidetrack workover is under
21 evaluation.

22 Q. All right, sir. And what about the 111 #3?

23 A. 111 #3, we are requesting a continuation of the
24 shut-in status. A TP&A was completed about a week ago on
25 this well so it is currently TP&A'd. The well was productive

1 from 1997 until 2006 at which time the water/gas ratio
2 exceeded the amount at which the well could produce. There
3 is a small amount of pressure on the tubing string although
4 that is probably wrong because it's been TP&A'd at this
5 point, and a small amount of pressure on the casing strings.

6 Q. All right, sir.

7 A. And the well stream contains three percent H2S, it's
8 on a platform that is manned 24/7, and the field personnel
9 visit the well daily. The well does have potential utility
10 as a Norphlet producer. The TP&A that was done was to put a
11 deep plug in the well so that we could still sidetrack the
12 well at some time in the future.

13 Q. All right, sir. So the granting of the request in
14 this petition for the shut-in status of these wells then
15 would prevent waste and protect correlative rights and avoid
16 the drilling of any unnecessary wells at this time; is that
17 correct?

18 A. That is correct.

19 MR. WATSON: Mr. Rogers, I would ask that you
20 receive into the record of this hearing the questionnaires
21 answered by Mr. Brinkman.

22 (Whereupon, (Item 12) questionnaires were
23 offered into evidence.)

24 MR. ROGERS: Those items are admitted.

25 (Whereupon, (Item 12) questionnaires were

1 received into evidence.)

2 MR. WATSON: And also the letter from
3 Commissioner Guy relative to these two wells where he is not
4 opposed to the Board granting this request.

5 (Whereupon, (Item 12) letter from
6 Commissioner Guy was offered into evidence.)

7 MR. ROGERS: The letters from Mr. Guy is
8 admitted.

9 (Whereupon, (Item 12) letter from
10 Commissioner Guy was received into evidence.)

11 MR. WATSON: And I tender my witness to you and
12 members of the Staff for any questions you have.

13 MR. ROGERS: As to the petition, Mr. Watson, the
14 first State Lease 536 #3 in the petition, it doesn't call it
15 the 111.

16 MR. WATSON: Right. The 111 and the 112 wells
17 are the subject matter of this. We refer to the State Lease
18 sometimes as the well identifier and I just refer to the 111
19 as opposed to the state lease.

20 MR. ROGERS: All right. So the two wells are
21 the --

22 MR. WATSON: 112.

23 MR. ROGERS: Pardon me, the permit. It would be
24 12155-OS-85 and 11009-OS-85-B, those are the two wells.

25 MR. WATSON: That is correct.

1 MR. ROGERS: The affidavit, exhibits and the
2 letter from the Commissioner are admitted.

3 (Whereupon, (Item 12) affidavit, exhibits and
4 letter were received into evidence.)

5 MR. WATSON: All right.

6 MR. GREGORY: Your testimony is that this
7 well -- let's see, it would be the 536 #3?

8 MR. BRINKMAN: Yes, sir.

9 MR. GREGORY: You are requesting a shut-in
10 status, but you are saying this now has been TP&A'd?

11 MR. BRINKMAN: As of last week, it had a deep
12 plug put in it.

13 MR. GREGORY: So you would request a different
14 status, TA status?

15 MR. WATSON: Yes, sir, we probably should. That
16 has been since all this has been filed.

17 MR. GREGORY: It's not capable of producing?

18 MR. WATSON: Right.

19 MR. ROGERS: You want to just amend the
20 petition?

21 MR. WATSON: I'll amend the petition --

22 MR. ROGERS: Why don't you state that where we
23 are, Mr. Watson?

24 MR. WATSON: The 111 #3 Well.

25 MR. ROGERS: I'll refer to it in the petition as

1 the --

2 MR. WATSON: Permit Number 11009-OS-65-B.

3 Q. The status of that well today, as I understand your
4 testimony, Mr. Brinkman, is you have set plugs across the
5 Norphlet and so that well is no longer capable of producing
6 from that Norphlet formation, correct?

7 A. That is correct.

8 Q. It has the potential to be sidetracked again to the
9 Norphlet at some future date?

10 A. That is correct.

11 Q. So a well can only be classified as shut in which we
12 were requesting when this the matter was filed several weeks
13 ago, it was at that point in time shut in. But now that we
14 have set the cement plugs in there, it's temporarily
15 abandoned.

16 MR. WATSON: So I orally amend my permit,
17 Mr. Rogers, and I will so reflect in the proposed order that
18 this well rather than being extended for shut-in status will
19 be extended for TA status.

20 MR. ROGERS: And the other well, the request is
21 as stated in the petition?

22 MR. WATSON: That is correct, no change in that
23 well.

24 MR. ROGERS: Why don't you file an amended
25 petition, Mr. Watson, you have amended orally and then the

1 Staff will review the evidence with respect to that amended
2 petition.

3 MR. WATSON: Will do.

4 MR. ROGERS: All right. Anything else?

5 MR. WATSON: That is all on that item.

6 MR. ROGERS: All right. The Staff will review
7 the evidence and make a recommendation to the Board.

8 That brings us to Item 13, Docket No.
9 5-7-13-06A, petition by Exxon Mobil Corporation.

10 MR. WATSON: I have pre-filed an Affidavit of
11 Notice in this matter and would ask that it be admitted in
12 the record, Mr. Rogers.

13 (Whereupon, (Item 13) Affidavit of Notice was
14 offered into evidence.)

15 MR. ROGERS: The Affidavit of Notice is
16 admitted.

17 (Whereupon, (Item 13) Affidavit of Notice was
18 received into evidence.)

19 MR. WATSON: Here we were asking the Board to
20 extend the shut-in status for one well and the temporary
21 abandonment status for two wells in the Lower Mobile Bay
22 Mary Ann Field located in Baldwin and Mobile Counties,
23 Alabama. My witness, Mr. Brinkman, remains under oath and
24 qualified to give testimony.

25 FRED BRINKMAN,

1 having been previously duly sworn, was examined and
2 testified as follows:

3

4 (ITEM 13) DIRECT EXAMINATION BY MR. WATSON:

5 Q. And you are familiar with these three wells that we
6 are about to discuss, Mr. Brinkman?

7 A. Yes, I am.

8 Q. All right, sir. Let's start with the first well
9 there, please, which is -- we will call these by Permit
10 Numbers and names, the 3135-OS-6-B which is on 94-2 well.

11 A. The 94-2 well is a requesting for shut-in status. It
12 produced from May 1988 until 2004 at which time it loaded up
13 with water and ceased to produce. It has no pressure on the
14 tubing. However, it does have a significant amount of
15 pressure on one of the casing strings, and 9 and 5/8ths inch
16 string. It has 2,490 pounds on it. We did a test of that
17 casing string. It bleeds off in about 30 minutes with less
18 than a gallon of water, but then repressures in about
19 24 hours.

20 Q. All right, sir.

21 A. The subsurface safety valve was recently checked
22 okay. The well stream consists of about seven percent H2S.
23 The well is on a platform that is manned 24/7 and field
24 personnel visit the well daily. At this point, Exxon Mobil
25 plans to temporarily plug and abandon the well, which we

1 should be doing in the next several months. However, we are
2 proposing to wait until the end of the field life to fully
3 abandon the well when the platform is abandoned.

4 Q. All right, sir. But at this point we are asking that
5 the shut-in status be extended for up to a year?

6 A. That is correct.

7 Q. All right. Let's go to the second well that we are
8 asking in this petition to be temporarily abandoned. That is
9 Permit Number 2543-OS-3-B or the 76-1 well.

10 A. This well we are requesting for a temporarily
11 abandoned status. It produced from 1990 until 2002, at which
12 time it was full of iron sulfide scale and calcium carbonate
13 scale and was temporarily abandoned. There is no tubing in
14 the well. There is no pressure on any of the casing strings.
15 The well did contain seven -- well, about eight percent H₂S.
16 It's located on a platform that is manned 24/7 and the field
17 personnel visit the well daily. It has no future utility as
18 a producer. However, we are requesting to keep it as
19 temporarily abandoned until the platform is abandoned.

20 Q. All right. At which time you will plug and abandon
21 the well, correct?

22 A. Correct.

23 Q. All right. The final well that we are asking for
24 temporary abandonment status is Permit 3614-OS-14 and that is
25 the 76-2 well. Tell us about that one, please, sir.

1 A. This well we are requesting temporary abandoned
2 status. It produced for a very short period of time, one
3 month from -- in 1988. It has very poor reservoir quality
4 and had a rapid production decline. There is no tubing in
5 the well. There is a small amount of pressure on the 13 and
6 5/8ths inch casing. The well contained about eight percent
7 H2S. It's on a platform with a locked gate and it has --
8 it's visually inspected from a nearby platform and the field
9 personnel visit the well monthly.

10 At this time, our recent studies indicate the
11 well has no future utility and a plug and abandonment plan is
12 being developed.

13 Q. All right, sir. And that will require a rig on
14 location to do that, correct?

15 A. Yes, sir.

16 Q. All right, sir.

17 MR. WATSON: Mr. Rogers, I would ask that you
18 admit into the record these questionnaires for the three
19 wells that Mr. Brinkman just testified about.

20 (Whereupon, (Item 13) questionnaires were
21 offered into evidence.)

22 MR. ROGERS: The questionnaires are admitted.
23 (Whereupon, (Item 13) questionnaires were
24 received into evidence.)

25 MR. WATSON: Along with Commissioner Guy's

1 letter that he has no objections to the Board granting this
2 question.

3 (Whereupon, (Item 13) Commissioner Guy's
4 letter was offered into evidence.)

5 MR. ROGERS: That letter from the Commissioner
6 is admitted.

7 (Whereupon, (Item 13) Commissioner Guy's
8 letter was received into evidence.)

9 Q. Would the granting of this request in your opinion,
10 Mr. Brinkman, prevent waste, protect correlative rights?

11 A. Yes, it would.

12 MR. WATSON: I tender my witness to you for any
13 questions you have on these three wells, Mr. Rogers, you or
14 the Staff.

15 MR. ROGERS: Any questions from the Staff?

16 DR. BOLIN: No questions.

17 MR. ROGERS: The Staff has no questions. We
18 will review the evidence and make a recommendation to the
19 Board. Thank you.

20 The next item is Item 14, Docket No. 5-7-13-07,
21 petition by W&T Offshore, Incorporated.

22 MR. WATSON: I have a witness. Although I have
23 an Affidavit of Testimony, I want to swear Mr. Sumpter in,
24 please, in case there any questions. If you would identify
25 yourself, your name and your address, please.

1 MR. ROGERS: State your name and address.

2 MR. SUMPTER: Doug Sumpter from Coden, Alabama.

3 (The Hearing Officer swears in the witness.)

4 MR. ROGERS: Thank you.

5 MR. WATSON: I have an affidavit of his
6 qualifications, if you would pass those out. Mr. Rogers,
7 this request by W&T Offshore, Inc. is asking the Board to
8 enter an order extending the temporary abandonment status of
9 the State Lease 531 #3 Well in the Fairway Unit, Mobile
10 County. I have pre-filed an Affidavit of Notice in this
11 matter and would ask that it be made a part of the record.

12 (Whereupon, (Item 14) Affidavit of Notice was
13 offered into evidence.)

14 MR. ROGERS: The Affidavit of Notice is
15 admitted.

16 (Whereupon, (Item 14) Affidavit of Notice was
17 received into evidence.)

18 MR. WATSON: And Mr. Sumpter has filed an
19 extensive Affidavit of Testimony in support of the extension
20 of this temporary abandonment status.

21 MR. ROGERS: Has he testified before, maybe you
22 ought to briefly --

23 MR. WATSON: No, he has not testified before,
24 but I have just handed up -- I'm fixing to get to that. He
25 has not testified before the Board but he has filed his

1 Affidavit of Testimony and I have handed up his affidavit of
2 qualifications.

3 Mr. Sumpter, if you would briefly tell
4 Mr. Rogers and the Staff your current position with W&T.
5 And I have begin them your background, but what is your
6 responsibility with W&T Offshore, Inc.?

7 MR. SUMPTER: My title is operations supervisor
8 for the Fairway and Yellowhammer gas plant down in Coden,
9 Alabama.

10 MR. WATSON: And what responsibilities do you
11 have for this 531 #3 well?

12 MR. SUMPTER: I'm the supervisor for the
13 offshore section of that and the pipeline that is coming in.

14 MR. WATSON: And you are familiar with 531 #3
15 well?

16 MR. SUMPTER: Yes.

17 MR. WATSON: Okay. And you understand we are
18 asking that it be kept in a temporary abandonment status; is
19 that your recommendation to the Board?

20 MR. SUMPTER: Yes.

21 MR. WATSON: And you have filled out this
22 questionnaire that we have pre-filed with your Affidavit of
23 Testimony and that answers all of Staff's questions relative
24 to this well. Is the well in a safe condition?

25 MR. SUMPTER: Yes.

1 MR. WATSON: All right. Is it monitored on a
2 frequent basis?

3 MR. SUMPTER: Yes.

4 MR. WATSON: I tender him as an expert for
5 giving testimony on this, Mr. Rogers, and if you accept him
6 as such, I would ask that you accept his Affidavit of
7 Testimony.

8 (Whereupon, (Item 14) Affidavit of Testimony
9 was offered into evidence.)

10 MR. ROGERS: He is recognized as an expert and
11 his Affidavit of Testimony is admitted.

12 (Whereupon, (Item 14) Affidavit of Testimony
13 was received into evidence.)

14 MR. WATSON: And I tender Mr. Sumpter for any
15 questions you have relative to this well.

16 MR. ROGERS: Any questions from the Staff?

17 DR. BOLIN: Mr. Rogers, I don't have any
18 questions. I would like to state for the record that since
19 W&T Offshore has taken over as operator we have had an
20 excellent working relationship with W&T from the field
21 operations standpoint and our field people are reporting
22 excellent cooperation and coordination, and we certainly
23 appreciate that. And the transition from Shell to W&T went
24 very smoothly and we look forward to continuing operations
25 with W&T as this project moves forward.

1 MR. SUMPTER: Yes, sir, thank you.

2 MR. WATSON: Thank you for that, Dr. Bolin, and
3 I know Mr. Sumpter appreciates that. We have a brief
4 operator's report to kind of bring you up-to-date that Paul
5 Baker is prepared to give if I could get him to come up here
6 for a minute to the microphone, Paul. Mr. Rogers, he --

7 MR. ROGERS: We appreciate that Mr. Sumpter and
8 your affidavit.

9 MR. WATSON: Mr. Baker is going to give you a
10 brief report. If you would like to have him under oath, he
11 would be glad to take an oath.

12 MR. ROGERS: Let's do that. Stand and state
13 your name and address, sir.

14 MR. BAKER: Paul Baker, Houston, Texas.

15 (The Hearing Officer swears in the witness.)

16 MR. ROGERS: Thank you.

17 MR. WATSON: I have asked Mr. Baker to give you
18 a brief unit operating report on the field and this one well
19 is the subject matter of the hearing today. He would like
20 to do that, if you would allow him to do that.

21 MR. ROGERS: Thank you for being with us, sir.

22 MR. BAKER: Thank you. It's a pleasure to be
23 back. First, on behalf of W&T Offshore, I would like to
24 thank the Board and Staff for their support of our request
25 to acquire and operate the Fairway Unit, which again

1 includes the Fairway Field and Yellowhammer plant.

2 As you will recall, we reached agreement with
3 Shell to purchase these properties in early 2011, closed the
4 purchase in August of 2011, and began a six-month transition
5 period in September of 2011 which culminated with W&T
6 assuming operations of the field and plant in March 2012.

7 As we begin our second year of ownership and
8 operations of these properties, I can report that we had a
9 very successful first year and look forward to continued
10 safe and environmentally responsible operations with the
11 guidance and support of the AOGB and the state of Alabama.

12 We are pleased to report that in the 14 months
13 that we have operated these properties we have had no lost
14 time accidents, no recordable injuries, and have operated
15 the assets in compliance with the AOGB's orders and all
16 required rules and regulations.

17 In addition, we have delivered production from
18 the Fairway Unit in excess of the forecast we provided the
19 AOGB during our August 4th, 2011 hearing. That forecast for
20 2012 was an average of about 1.1 Bcf of production a month,
21 and we delivered 1.46 Bcf a month in 2012, a 33 percent
22 increase over our forecast. And for comparison, in 2011,
23 the field averaged 1.35 Bcf per month.

24 During the first quarter of 2013 we have
25 averaged 1.44 Bcf a month. So, again, we are very pleased

1 with the performance that we have gotten out of the asset.

2 A key driver in our ability to deliver
3 continued safe, environmentally responsible and compliant
4 operations is our operating personnel. And we brought two
5 along today, two of our key leaders of those assets, you met
6 Doug Sumpter our Fairway Unit operations supervisor earlier,
7 and I would also like to introduce you to Eddie Lee sitting
8 back here. Eddie is our Yellowhammer plant supervisor.

9 MR. ROGERS: Good to have you with us.

10 MR. BAKER: Eddie joined W&T from Shell in March
11 of 2012, but he's actually been with the plant and Shell
12 since its startup in 1991. We are very pleased he decided
13 to join the W&T team. And in addition to Eddie, we were
14 able to retain eleven other key employees that had extended
15 experience with Shell in the field or plant. And we
16 continue to operate the field and plant with 43 employees,
17 very similar to where Shell had it staffed.

18 Some of the key improvements we have made to
19 the asset since assuming operations include the installation
20 of a continuous gas chromatograph on our central processing
21 platform offshore and that allows us to better measure and
22 allocate the production from the Apache Sleeping Bear Field
23 that we handle. We have improved the metering of our
24 offshore field gas usage. We have done considerable work
25 and enhancements to our disposal wells at the Yellowhammer

1 plant, and that has improved their injectability at lower
2 pressures and allows us to monitor and measure the injection
3 volumes much better.

4 We have updated the communications hardware and
5 software on the offshore facilities and we have also
6 installed chemical treating facilities on the offshore
7 facilities allowing us to better handle the produced water.

8 This summer we have scheduled a 21-day plant
9 turnaround which will be in conjunction with the Williams
10 pipeline shutdown and this will be the first large scale
11 mechanical integrity inspection of the plant since July of
12 2007. It will include basically to clean out and inspection
13 of all the primarily vessels, tanks, and associated piping.

14 In addition, during the shutdown, we will be
15 doing both hardware and software upgrades to the plant's
16 control systems and H2S monitoring systems.

17 On a separate note, last week we identified
18 casing pressure in excess of our permitted pressure levels
19 on what we referred to as a JF well which is also the State
20 Lease 531 #5 well, Permit Number 12340-0S-87-B. We have
21 informed the AOGB Staff in Mobile of the situation. The
22 well is currently shut in while we analyze the issue and
23 determined the corrective measures that we will need to
24 take. Once we have done our background work and finalized
25 our plan, we will review it with the AOGB before we move

1 forward with rectifying the problem.

2 So, again, in closing, 2012 was a very
3 successful year for the field and plant. We are very
4 pleased with the asset and our operations here in Alabama
5 and look forward to continued relationship with the AOGB and
6 the State of Alabama as we operate these assets going
7 forward, so thank you very much.

8 MR. ROGERS: Thank you, Mr. Baker.

9 MR. WATSON: I'm sure Mr. Baker will answer any
10 questions, if you have any.

11 DR. BOLIN: Don't have any questions. I would
12 like to reiterate comments that I had made earlier to
13 Mr. Sumpter that since W&T has taken over as operator we
14 have found the record of the company and your operations to
15 be excellent and we appreciate the proactive nature of the
16 management of the asset that you have there to maintain
17 productivity and the safety of the operations and certainly
18 the key improvement that has been made as evidenced in terms
19 of the productivity that you have seen throughout that time,
20 and certainly our field operations people speak very highly
21 of the cooperation and the coordination that has been
22 evident between your company and our people in the field.
23 So we commend you for that and just look forward to
24 continuing to work with y'all as we move forward in further
25 developing this asset.

1 MR. BAKER: Thank you very much.

2 MR. ROGERS: I don't know if we admitted -- I
3 admit all the exhibits that were submitted, Mr. Watson.

4 (Whereupon, (Item 14) exhibits that were
5 submitted were received into evidence.)

6 MR. WATSON: If you would, please, Mr. Sumpter's
7 Affidavit of Testimony needs to be submitted along with the
8 questionnaire.

9 (Whereupon, (Item 14) Mr. Sumpter's Affidavit
10 of Testimony, questionnaire, and the letter
11 from Commissioner Guy were offered into
12 evidence.)

13 MR. ROGERS: We will admit it and the
14 questionnaire is admitted and the letter from Commissioner
15 Guy is admitted.

16 (Whereupon, (Item 14) Mr. Sumpter's Affidavit
17 of Testimony, questionnaire, and the letter
18 from Commissioner Guy were received into
19 evidence.)

20 MR. ROGERS: Anything else?

21 MR. WATSON: That's all.

22 MR. ROGERS: The Staff will review the evidence
23 and make a recommendation to the Board. Thanks to all you
24 gentlemen for being here.

25 The next item is Item 15, Docket No.

1 5-07-13-08, petition by Venture Oil & Gas, Incorporated.

2 MR. TYRA: I have two witnesses to be sworn in.

3 MR. ROGERS: State you names and addresses.

4 MR. WOOD: Robert Wood, Tuscaloosa, Alabama.

5 MR. HANBY: Ken Hanby, Tuscaloosa, Alabama.

6 (The Hearing Officer swears in the witnesses.)

7 MR. TYRA: Mr. Rogers, I'm John Tyra, here on
8 behalf of Venture Oil & Gas Inc. We have filed a petition
9 requesting that the Board enter an order to establish a new
10 oil field in Monroe County, Alabama. We are suggesting the
11 name Northeast Goodwin Field -- I'm sorry, Northeast Goodway
12 Field, and we are asking that Special Field Rules be adopted
13 for that field.

14 It's underlain by the Smackover Oil Pool and
15 the field limits are going to consist of the Northwest
16 Quarter of Section 13, Township 4 North, Range 6 East,
17 Monroe County, Alabama.

18 We are also asking that those field limits be
19 established as the productive unit for the Address 13-4 No.
20 1 Well which is Permit Number 16722. We are asking for
21 spacing of 160 acres and we are requesting allowables.

22 Let me first introduce Mr. Robert Wood.
23 Mr. Wood, you have testified before this Board on numerous
24 occasions, have you not?

25 MR. WOOD: I have.

1 MR. TYRA: And your affidavit of qualifications
2 is on file with this Board as well; is that correct?

3 MR. WOOD: Yes, it is.

4 MR. TYRA: Are you familiar with the petition
5 filed in this the matter?

6 MR. WOOD: I am.

7 MR. TYRA: And have you had exhibits produced in
8 support of the petition?

9 MR. WOOD: Yes, I have prepared exhibits and I
10 think they have been distributed.

11 MR. TYRA: Yes, and I would ask that Mr. Wood be
12 recognized as an expert.

13 MR. ROGERS: He is so recognized.

14 MR. TYRA: I have previously filed an Affidavit
15 of Notice which I would ask be made a part of the record.

16 (Whereupon, (Item 15) Affidavit of Notice
17 was offered into evidence.)

18 MR. ROGERS: The affidavit is admitted.

19 (Whereupon, (Item 15) Affidavit of Notice was
20 received into evidence.)

21 MR. TYRA: Thank you very much.

22

23 ROBERT WOOD,
24 having been first duly sworn, was examined and testified
25 as follows:

1

2 (ITEM 15) DIRECT EXAMINATION BY MR. TYRA:

3 Q. Let's move then to our first exhibit which is the
4 location map. Explain what that shows, please.

5 A. Yes, sir. As Mr. Tyra explained, we are proposing to
6 form a new field called the proposed Northeast Goodway Field.
7 Exhibit Number 1 is a simple location map showing its
8 proximity to Monroe County. The discovery is the Address
9 13-4 No. 1 Well. That was drilled by Venture. Previously
10 venture had drilled and made a discovery of the Goodway Field
11 which is located to the Southwest of this new discovery, and
12 also the proximity to the older Vocation Field as evident on
13 this exhibit.

14 Q. Thank you. Let's go to area map now, Exhibit 2.

15 A. Yes. Exhibit Number 2 is a map showing in greater
16 detail the location of the discovery well and the proposed
17 new field. Venture drilled the Address 13-4 No. 1 Well,
18 State Permit 16722 and established a zone in the Smackover as
19 being oil productive.

20 Today, we are proposing the drilling unit be
21 reformed to a production unit as the area shown outlined in
22 green, which is the Northwest Quarter of Section 13, and also
23 establishing field limits which are also shown to be
24 contiguous with the production unit.

25 The Goodway Field was discovered with the

1 drilling of the Coffin Well. That is a gas condensate
2 reservoir and the Oil and Gas Board approved spacing,
3 160-acre spacing for that gas condensate reservoir. That
4 well was drilled and the field was established in May of
5 2011.

6 Also evident on this exhibit is a proposed
7 location that has been permitted that is in the Northwest
8 Quarter of Section 14 or approximately a mile to the West of
9 the new field.

10 Q. Okay, sir. Let's look at your structure map,
11 Exhibit 3.

12 A. Yes. Exhibit Number 3 is a structure map based on
13 top of the Smackover formation. The top of the Smackover is
14 the datum for this structure map. The discovery well is
15 shown with the red circle, and there is a domal closure of
16 the Smackover within the Northwest Quarter of Section 13.
17 Its proximity to the nearby Goodway Field is shown on this as
18 a separate structural closure.

19 The datum for contouring the map is based on 3D
20 seismic survey that was used for the discovery of the Andress
21 Well and also the Coffin Well. And if you note that the
22 Coffin Well was drilled in between basically four dry holes
23 and -- but the -- there is a separate structural closure.

24 The top of the porosity of the Smackover Oil
25 Pool as we are defining it today occurs approximately 192

1 below the top of the Smackover. So what I am showing is the
2 low proven oil projected onto this map surface which is
3 192 feet above that, but it would be an equivalent low proven
4 oil on this map projected upward at 13,514 feet subsea true
5 vertical depth.

6 And as you can see that the reservoir doesn't
7 have a very large aerial extent. We don't have an oil/water
8 contact. We have a low proven oil. The well tested
9 initially with a little bit of water so there could be a
10 water leg that is actually quite close to the well and it's
11 actually a rather small reservoir and it's actually a poor
12 well as Mr. Hanby will explain in a few minutes.

13 Q. And it's contained within the 160 acres that we are
14 proposing to be the production unit?

15 A. Yes, it is. Also on this exhibit, I show a
16 cross-section A - A' which is the basis for the next two
17 exhibits, both a stratigraphic cross-section and a structural
18 cross-section.

19 Q. Thank you. Let's move to those.

20 A. Exhibit Number 4 is a stratigraphic cross-section. A
21 is the left which is to the Southwest and A' is to the
22 Northeast. This cross-section extends through on the left,
23 the Goodway Field. The Coffin 14-10 Well, it shows a
24 Smackover reservoir that had a gas/water contact based on
25 evidence and information from Docket No. 6-20-11-05, Exhibit

1 Number 3.

2 And the accumulation in the Coffin Well is in a
3 separate stratigraphic position within the Smackover. The
4 datum for the cross-section is the top of Smackover which I
5 have highlighted in red. I'm also showing a lower Smackover
6 marker in the discovery well. The Norphlet is evident as is
7 the basement in both wells, and the proposed Northeast
8 Goodway Smackover Oil Pool occurs 192 feet below the top of
9 the Smackover sort of in the middle of the Smackover section.
10 It is a separate stratigraphic position than the nearby
11 Goodway Field so it's not a productive extension of the
12 Goodway Field, and this is an oil reservoir as opposed to a
13 gas condensate reservoir.

14 Q. All right, sir. If you would, turn to Exhibit Number
15 5 which is the same cross-section A - A', it is showing the
16 structural cross-section and depicting subsea true vertical
17 depth the relationship of the two wells of the Goodway Field
18 and the proposed Northeast Goodway Field.

19 The Northeast Goodway Field, top of Smackover is
20 a lower structure and it is separated by a trough that
21 extends below the gas/water contact of the Coffin Well. And
22 this middle Smackover zone or the proposed oil -- Smackover
23 Oil Pool for the Northeast Goodway Field as evident is a
24 separate accumulation and it's a separate reservoir and not a
25 productive extension of the Goodway Field. It clearly shows

1 no communication?

2 A. No communication.

3 Q. All right, sir. And your Isopach?

4 A. Exhibit Number 6 is a net pay Isopach map based on
5 porosity greater than or equal to nine percent porosity. The
6 Andress 13-4 Well had 12 feet of net pay. And based on its
7 production characteristics, I believe this is a very limited
8 reservoir. It doesn't occur in any surrounding wells and we
9 are showing a rather finite reservoir for this new discovery.

10 Q. All right, sir. Look at your type log.

11 A. Yes. Exhibit Number 7 is the type log for the new
12 field for the Smackover Oil Pool. It occurs using the
13 Platform Express Array Induction, Spontaneous Potential,
14 Gamma Ray, Neutron, Density and MLT Log. And we show the top
15 of the Smackover Oil Pool occurring at a measured depth of
16 14,088 feet or a subsea true vertical depth of 13,681 subsea
17 true vertical depth. The base of the Smackover Oil Pool is
18 at 14,112 feet measured depth or 13,705 feet subsea true
19 vertical depth. I have also depicted the perforated interval
20 in the depth track of this log.

21 Q. Okay. And your final exhibit?

22 A. Yes. It's a survey plat showing the plat that was
23 used for permitting this well. The unit is the Northwest
24 Quarter of Section 13, Township 4 North, Range 6 East, it was
25 drilled at a surface location of 1,007 feet from the North

1 line and 880 feet from the West line. The bottomhole
2 location was approximately 156 feet North and 37 feet West
3 and there is no exceptional location or anything like that
4 that was required for this new discovery.

5 Q. All right, sir. We are requesting spacing of 160
6 acres with 660 feet setbacks. Is that appropriate for this
7 well and for this field?

8 A. Yes, it is.

9 Q. All right. Thank you. In your opinion, would waste
10 be prevented and correlative rights be protected with the
11 granting of this petition?

12 A. Yes, it will.

13 Q. And the drilling of unnecessary wells will be
14 avoided?

15 A. Yes.

16 Q. All right, sir.

17 MR. TYRA: Mr. Hanby, you have previously
18 testified before this Board as well, have you not, on many
19 occasions?

20 MR. HANBY: Yes, sir, I have.

21 MR. TYRA: And your qualifications are on file
22 with the Board; is that correct?

23 MR. HANBY: They are, yes.

24 MR. TYRA: Are you familiar with the petition
25 filed in this matter and did you put together exhibits in

1 support of that petition?

2 MR. HANBY: Yes, sir.

3 MR. TYRA: And you are a petroleum engineer; is
4 that correct?

5 MR. HANBY: Yes, sir.

6 MR. TYRA: I would ask that Mr. Hanby be
7 acknowledged as an expert.

8 MR. ROGERS: He is recognized as an expert.

9

10 KEN HANBY,

11 having been first duly sworn, was examined and testified

12 as follows:

13

14 (ITEM 15) DIRECT EXAMINATION BY MR. TYRA:

15 Q. If you would, sir, look at OGB-9 and explain what
16 that says.

17 A. Exhibit Number 9 is copy of the form OGB-9 filed on
18 the Address 13-4 No. 1 Well, reflects the initial test on the
19 well which was conducted on October 14th of 2012, a 24-hour
20 test. The well tested initially at the rate of 97.7 barrels
21 of oil per day, 154 Mcf of gas per day, with a flowing
22 pressure of 398 PSI. That was an initial gas/oil ratio of
23 1576 cubic feet per barrel.

24 Q. Let's turn to Exhibit 10.

25 A. Exhibit Number 10 is a copy of the summary and

1 results summary from the PVT that was conducted on the well.
2 The perforation interval is shown and the static reservoir
3 pressure was 5,646 psig. The sample was collected on
4 October 18th of 2012. And you will see at the bottom
5 production information, the actual production rate during the
6 sampling. And in the results summary, it shows that this was
7 a oil that exhibited a bubble point pressure of 4600 psig
8 with the initial reservoir pressure of 5646. This is an
9 undersaturated oil that is contained in the Address 13-4 No.
10 1 Well.

11 Q. So it's clearly an oil well based upon this?

12 A. Yes, sir.

13 Q. All right, sir. And then let's look at Exhibit 11,
14 if you will.

15 A. Exhibit Number 11 is a summary of the production
16 history. The initial test, which was a 15-day test,
17 reflected a total oil production of 1234 barrels of oil. The
18 gas is also shown as well as the water and the tubing
19 pressure during this initial 15-day test. And then are the
20 monthly totals for January, February and March that shows the
21 days of production, the oil, gas and water.

22 When this well went on production in January, it
23 was placed on a pump. Total oil production through
24 March 31st has been 3,640 barrels of oil. And with 80 days
25 of production, this is an average rate of 45 barrels of oil

1 per day. Total gas has been 5,499 Mcf for total average gas
2 rate of 68 Mcf per day.

3 Q. All right, sir. We are requesting allowable of a
4 hundred barrels a day. Is that an appropriate request in
5 your opinion?

6 A. In my opinion yes, sir.

7 Q. Would the granting of this petition in your opinion
8 prevent waste and protect correlative rights?

9 A. Yes, sir.

10 Q. All right, sir. If you would, hand the microphone
11 back to Mr. Wood for a second.

12

13 (ITEM 15) DIRECT EXAMINATION OF ROBERT WOOD BY MR. TYRA,

14 CONTINUING:

15 Q. Let's turn back to Exhibit 8 if you will, Mr. Wood.

16 A. Yes, sir, I misspoke and wanted to correct my
17 testimony. The bottomhole location of the Andress 13-4 Well,
18 the directional survey had stopped short of the Smackover and
19 I didn't give the projected distances for the bottomhole
20 location based on projecting the bottomhole location. And at
21 the top of the porosity, the bottomhole location would be
22 241.4 feet North of the surface location and 32.0 feet West
23 of the surface location. Still there is no exception. It's
24 clearly outside of statewide spacing rules, but also for the
25 proposed Special Field Rules for this field.

1 Q. Thank you for that correction.

2 MR. TYRA: I would ask that the exhibits to the
3 testimony of Mr. Wood and Mr. Hanby be admitted into the
4 record.

5 (Whereupon, (Item 15) exhibits were offered
6 into evidence.)

7 MR. ROGERS: The exhibit are admitted.

8 (Whereupon, (Item 15) exhibits were received
9 into evidence.)

10 MR. TYRA: I will tender the witnesses for any
11 questions that the Staff may have.

12 DR. BOLIN: The Staff has no questions.

13 MR. ROGERS: Anything else, Mr. Tyra?

14 MR. TYRA: No, sir, that is all.

15 MR. ROGERS: We will review the evidence and
16 make a recommendation to the Board.

17 The last item is Item 17, Docket No. 5-7-13-10,
18 petition by Petrodome Operating, LLC.

19 MR. COLEMAN: Mr. Rogers, Mike Coleman for
20 Petrodome Operating, LLC. I have one witness.

21 MR. ROGERS: State your name and address.

22 MR. ADDISON: Hoyt Addison, Fairhope, Alabama.

23 (The Hearing Officer swears in the witness.)

24 MR. ROGERS: Mr. Coleman, you just today amended
25 the petition to -- or did you amend it? I see it here.

1 MR. COLEMAN: Yes, I did.

2 MR. ROGERS: We will add an A to the Docket No.
3 to state that you have a party that you couldn't locate; is
4 that right? Is that the principal reason for the amendment?

5 MR. COLEMAN: That was one of the amended areas.
6 Also, we amended the description of the target zone to
7 comport with the notice that was published.

8 MR. ROGERS: All right.

9 MR. COLEMAN: And in addition to that, since the
10 original petition was filed, another lease has been obtained
11 and the new amended petition shows the outstanding net
12 mineral interest and net acres that are outstanding as of
13 today.

14 MR. ROGERS: All right.

15 MR. COLEMAN: So it was a correction of that.
16 And I would note for the record that an Affidavit of Notice
17 has been pre-filed with the Board as well as an affidavit of
18 ownership of lease-owned drilling rights for the proposed
19 Petrodome Sputnik 6-10 No. 1 Well.

20 (Whereupon, (Item 17) Affidavit of Notice,
21 affidavit of ownership were offered into
22 evidence.)

23 MR. ROGERS: The Affidavit of Notice is admitted
24 and this affidavit of ownership is admitted. And I see that
25 has changed so --

1 (Whereupon, (Item 17) Affidavit of Notice,
2 affidavit of ownership were received into
3 evidence.)

4 MR. COLEMAN: There is also an amended affidavit
5 of ownership which was filed today to reflect the new
6 numbers as well as --

7 MR. ROGERS: I will admit the original and the
8 amended affidavit.

9 (Whereupon, (Item 17) amended affidavit of
10 ownership was received into evidence.)

11 MR. COLEMAN: All right. Yes, sir. And this is
12 a petition by Petrodome Operating, LLC which is new to
13 Alabama, but certainly not new to the industry. And I have
14 with me today some of the representatives of Petrodome who
15 are here, Mr. Bob Wonish of New Braunfels, Texas; Mr. Greg
16 Samson, who is from Houston; and Mr. John Sipple; and
17 Mr. Mike Newsome who are contract landmen working for them
18 and they have some projects here in Alabama and this is the
19 first of them and --

20 MR. ROGERS: Glad to have y'all with us.

21 MR. COLEMAN: Petrodome is a foreign limited
22 liability company organized in Texas but qualified in the
23 state of Alabama to do business, and this is simply a
24 petition to force pool without risk compensation all tracts
25 and interests in the Southeast Quarter of Section 6,

1 Township 6 North, Range 8 East, Monroe County, Alabama as a
2 160-acre Wildcat unit for the purpose of drilling a well to
3 test formations down to and including the Frisco City Sand
4 which is part of the Haynesville formation. And with that
5 in mind, I would like to turn to Mr. Addison and ask him
6 some questions. And before I do, I would say that a
7 statement of his qualifications has been placed of record or
8 has been filed with Ms. Merritt, and I will ask him to
9 briefly give a background of his education and work
10 experience in the petroleum area.

11 MR. ADDISON: I have been a oil and gas landman
12 since 1990. It's been my sole occupation. I have been
13 involved in virtually every aspect of land title lease
14 acquisitions, due diligence in the last 25 years, and it's
15 been my sole occupation for that time.

16 MR. COLEMAN: And as I said, a statement of his
17 qualifications has been submitted to the Staff and I would
18 ask that he be recognized as an expert petroleum landman.

19 MR. ROGERS: He is recognized as an expert.
20

21 HOYT ADDISON,
22 having been first duly sworn, was examined and testified
23 as follows:
24

25 (ITEM 17, DIRECT EXAMINATION BY MR. COLEMAN:

1 Q. Mr. Addison, in your affidavit or amended affidavit
2 of ownership, which has been filed today, are the matters set
3 forth in there true and correct and accurate to the best of
4 your knowledge, information and belief?

5 A. They are.

6 Q. And you have been retained in connection with what I
7 will refer to them as the Petrodome Sputnik project; is that
8 correct?

9 A. That is correct.

10 Q. Have you had the primary responsibility for obtaining
11 leases of this 160-acre tract?

12 A. Yes, I have.

13 Q. And, in fact, you have been involved with this since
14 November of 2012, have you not?

15 A. That is correct.

16 Q. Have you had occasion to speak with title attorneys
17 in Mobile concerning the ownership of this property?

18 A. Yes, I have.

19 Q. Have you had occasion to work with other landmen in
20 trying to pull this project together, this prospect together?

21 A. Yes, I have.

22 Q. And to the best of your knowledge, information and
23 belief, the listing of non-consenting owners, the net mineral
24 acres that are outstanding and the percent of unit as stated
25 in your affidavit in the amended petition filed today are

1 true and correct?

2 A. Yes, they are.

3 Q. And those figures, as I understand it, an approximate
4 3.2173 percent mineral interest in the unit as a whole is
5 outstanding, which unit contains 160 acres more or less; is
6 that correct?

7 A. That is correct.

8 Q. And that translates to approximately 5.1628 net
9 mineral acres, which you believe to be owned by the persons
10 we referred to as the non-consenting owners?

11 A. Yes, that is correct.

12 Q. Okay. And in the original petition that was filed as
13 well as the original affidavit of ownership, there were five
14 people that were listed. And since that time, you have
15 obtained a lease from one of those persons?

16 A. That is correct.

17 Q. And one of the people in particular Mr. Rogers is
18 asking about, Towanda Kirksey-Stanton was sent notice to a
19 P. O. Box address in Talladega, Alabama. And at the time
20 that was done, it was your understanding that that was the
21 best address you could find for this person?

22 A. Yes.

23 Q. Will you please tell the Board and Staff what efforts
24 you engaged in to identify this person, source of title of
25 her ownership and the efforts to contact her?

1 A. Yes. Ms. Stanton is one of four children of their
2 parents who inherited the interest in the property in
3 question. I have extensively interviewed and subsequently
4 leased three of her sisters, the other siblings. And I have
5 searched for her through various Internet means, I have sent
6 her messages on social networking sites, I have called the
7 phone number that was provided for me by her sisters as her
8 current phone number and left many, many, many messages. I
9 have sent letters to her addresses that I have obtained from
10 various Internet searches in at least four different
11 locations and they have all been returned. And I have also
12 been informed by her sisters that there is some family
13 discord and she is deliberately avoiding cooperation.

14 Q. Will you please testify as to how you obtained the
15 address in Talladega, Alabama that you had?

16 A. Well, the -- I have used a number of different
17 Internet sites for locating people. The one that I have
18 found over the last year to be most accurate is a Web site
19 called beenverified.com. I located a recent address for her
20 in Talladega, Alabama. I passed this address by her sisters
21 who, though they couldn't state certainly, said that that is
22 most likely the address that is most current for her, so that
23 is how we used that address.

24 Q. And isn't it true also since you became aware that
25 the address that we thought we had correct was wrong, that

1 you have continued diligent efforts to locate this person?

2 A. That is correct, I have.

3 Q. In your professional opinion as an expert petroleum
4 landman, have your efforts to find this person been
5 reasonably diligent?

6 A. Yes, they have.

7 Q. And you are familiar with the petition that has been
8 filed in this matter, are you not?

9 A. I am.

10 Q. And as it has been so amended?

11 A. Yes.

12 Q. Okay. And you are familiar with the proposed Sputnik
13 well and the prospect project that is going on down there?

14 A. Yes, I am.

15 Q. And in your professional opinion, will the granting
16 of this petition prevent waste and the drilling of
17 unnecessary wells and protect the correlative rights of all
18 interested parties in this proposed unit?

19 A. Yes, I believe it will.

20 MR. COLEMAN: Okay. Mr. Rogers, it may have
21 already been done, but I would ask the Affidavit of Notice
22 and the two affidavits of Mr. Addison be admitted into the
23 record.

24 (Whereupon, (Item 17) Affidavit of Notice and
25 the two affidavits of Mr. Addison were

1 offered into evidence.)

2 MR. ROGERS: Those items are admitted.

3 (Whereupon, (Item 17) Affidavit of Notice and
4 the two affidavits of Mr. Addison were
5 received into evidence.)

6 MR. COLEMAN: At this point, I would tender the
7 witness to the Staff for any questions that they might have.

8 MR. ROGERS: We will leave the record open for
9 an affidavit or just a letter stating those efforts again
10 with references to the appropriate pages of the probate
11 records that relate to that interest. Anything else,
12 Mr. Coleman?

13 MR. COLEMAN: No, sir, I believe that is all.

14 MR. ROGERS: We will review the evidence and
15 make a recommendation to the Board after we receive that
16 information.

17 MR. COLEMAN: We will submit a letter to you to
18 that effect.

19 MR. ROGERS: Thank you.

20 MR. ADDISON: Thank you very much.

21 MR. ROGERS: Anything else for the hearing? The
22 hearing is adjourned.

23

24 (The hearing was concluded at 12:18 a.m.)

25

1 C E R T I F I C A T E

2

3 STATE OF ALABAMA)

4 JEFFERSON COUNTY)

5

6 I hereby certify that the above and foregoing
7 hearing was taken down by me in stenotype, and the
8 questions and answers thereto were reduced to typewriting
9 under my supervision, and that the foregoing represents a
10 true and correct transcript of the hearing given by said
11 witness upon said hearing.

12 I further certify that I am neither of counsel
13 nor of kin to the parties to the action, nor am I in
14 anyway interested in the result of said cause.

15

16

17

18

19

20

21

22 /s/ Teresa Turquitt Davis
23 TERESA TURQUITT DAVIS, CCR, RPR
24 CCR #162, Expires 09/30/13
Commissioner for the
State of Alabama at Large
My Commission Expires: 12/03/16

25

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