	Page 1	
1	STATE OIL AND GAS BOARD OF ALABAMA	
2		
3	NOVEMBER 7, 2024	
4		
5	10:00 a.m.	
6		
7	Testimony and proceedings before the	
8	State Oil and Gas Board of Alabama in Regular	
9	Session at the University of Alabama, W. B.	
10	Jones Hall, 420 Hackberry Lane, Tuscaloosa,	
11	Alabama, pursuant to adjournment, on November 7,	
12	2024, before Sheri G. Connelly, CCR, RPR.	
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14		
15	IN ATTENDANCE:	
16	FOR THE STAFF:	
17	S. Marvin RogersGen. Counsel/Hrg. Officer	
18	Dr. Berry H. (Nick) Tew, JrSec./Supervisor	
19	Kirk McQuillanDeputy Director	
20	Butch GregoryEngineer	
21	Elbert PattersonGeologist	
22	Jennifer BridgmonParalegal	
23		

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ITEM	//DOCKET NUMBER: PAGE NUMBER:	
1.	Item 1, Docket Number 09-17-24-01	3
	FOR DURANGO OPERATING, LLC:	
	Mark Scogin	
	Westin Graves	
2.	Item 2, Docket Number 09-17-24-02	3
	FOR DURANGO OPERATING, LLC:	
	Mark Scogin	
	Westin Graves	
	1.	ITEM/DOCKET NUMBER: PAGE NUMBER:  1. Item 1, Docket Number 09-17-24-01 FOR DURANGO OPERATING, LLC: Mark Scogin Westin Graves  2. Item 2, Docket Number 09-17-24-02 FOR DURANGO OPERATING, LLC: Mark Scogin

MR. ROGERS: It is now ten o'clock a.m. on November 7, 2024. This hearing is in session. I have an order of the State Oil and Gas Board appointing me as hearing officer to conduct this meeting. Actually, this is a continuation of the hearing of the Board which was on November 5th -- Tuesday, November 5th, and we've already made that order a part of the record.

So the only items that were continued from November 5th and actually from an earlier hearing are the petitions by Durango and that is Item 2, Docket Number 9-17-24-01 and Docket Number -- Item 2, Docket Number 9-17-24-02.

Did I state the time? If I didn't state the time, it's ten o'clock a.m.

Mark Scogin is here on behalf of Durango. Mr. Scogin, the first item is petition by Durango requesting the Board to enter an order extending the temporary abandoned -- abandoned status for a period of one year for the ATIC 34-16 number two well in Foshee Field. Mr. Scogin.

23 Mr. Scogin

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1 MR. SCOGIN: Mr. Rogers.

MR. ROGERS: Mr. Scogin.

3 MR. SCOGIN: My name is Mark Scogin.

I represent Durango Operating, LLC. Durango has two petitions today and some of the testimony is overlapping and so it might be more efficient if the two items be consolidated for hearing

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MR. ROGERS: The request is granted. These two petitions will be consolidated. The second petition is Docket Number 9-17-24-02, petition by Durango Operating, LLC, requesting extension of the temporary abandoned status for the T. R. Miller Mill, 12-16 #6 well, permit number 8942 and the UIC permit number for the R -- the UIC permit number, okay, for the R. E. Loper, et al., 12-11 number one well.

MR. SCOGIN: Mr. Rogers, I have handed up an exhibit packet for the first petition and I can go ahead and hand up the exhibit packet for the second petition so you'll have both of them.

MR. ROGERS: All right. That will be

Page 5 1 fine. 2 Let's get one more copy for me for 3 both of them. MR. SCOGIN: Mr. Rogers, we have 4 5 prefiled an exhibit packet containing 6 questionnaires and wellbore schematics and 7 affidavit of testimony in support of each petition and the well summary and proof of 8 9 publication. I would note there is one 10 additional exhibit in the Pollard Field packet, 11 which is the -02 packet, which we will discuss 12 as part of our testimony. I would ask that both 13 exhibit packets be admitted into the record. 14 MR. ROGERS: Why don't you go through 15 it first. 16 MR. SCOGIN: Okay. I have one witness 17 to be sworn in. MR. ROGERS: Will you stand and state 18 19 your name and address. 2.0 MR. GRAVES: My name is Westin Graves.

877-373-3660 800.808.4958

MR. ROGERS: Raise your right hand.

I live at 4428 Audubon Park Drive in Jackson,

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Mississippi.

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2		WESTIN GRAVES,		
3		being first duly sworn, was		
4	ex	amined and testified as follows:		
5				
6		MR. ROGERS: Thank you.		
7				
8	EXAMINATI	ON BY MR. SCOGIN:		
9	Q.	Mr. Graves, you're employed by Durango		
10	Operating	?		
11	Α.	That is correct.		
12	Q.	And what is your position with		
13	Durango?			
14	Α.	Engineer and I guess owner as well.		
15	Q.	Okay. Would that be a petroleum		
16	engineer?			
17	Α.	Yes.		
18	Q.	Have you testified before this Board		
19	before?			
20	Α.	Yes.		
21	Q.	Okay. In what capacity?		
22	Α.	About a well location in Pollard		
23	Field.			

Q. Okay. Is this the first time though that you've testified as a petroleum engineer before this Board?

A. Yes.

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MR. ROGERS: Why don't you move the microphone a little closer, Mr. Graves, so we can hear you a little better. Thank you.

- Q. (By Mr. Scogin) Would you give the Board staff a background of your education and your history in the industry, please?
- A. Yes. I have a degree from -- civil engineering degree from Mississippi State
  University. I graduated in 2018. During
  college I worked for multiple different -- in
  different sectors. I did a lot of asphalt work
  with Paragon, which is an Ergon subsidiary,
  testing asphalt. I worked with the civil
  engineering department doing research and
  studying in asphalt pavement and then I also
  interned with Durango for a summer before I
  graduated and I have been working with Durango
  since I graduated in January of 2018 I started.
  - Q. And you now have a petroleum

1 | engineer's degree?

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- A. Yes. Well, I have -- my license is in petroleum engineering.
  - Q. And is an affidavit of your qualifications and your resume on record here at the Oil and Gas Board?
    - A. Yes.

MR. SCOGIN: I would ask that
Mr. Graves be recognized an expert petroleum
engineer for purposes of this hearing.

MR. ROGERS: He is so recognized.

- Q. (By Mr. Scogin) Mr. Graves, are you familiar with the petitions of Durango Operating that we have been discussing this morning, Docket 9-17-24-01 and 02, requesting the Board to extend the temporary abandoned status of a total of three wells in the Foshee and the Pollard Fields?
  - A. Yes.
- Q. And Durango is the operator of those wells?
- 22 A. Correct.
- 23 Q. And did you prepare and prefile

exhibits and a testimony affidavit in support of the petitions?

A. Yes.

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- Q. And is the information contained in the exhibit packets to the best of your knowledge and information and belief true and accurate?
  - A. Yes.
- Q. I would ask that with respect to the first petition, the Foshee Field, that involves one well, the ATIC 34-16 number two well?
- A. Yes.
- Q. Would you give the staff some background about that well?
- A. Yes. That well is -- was in production I think until 2015 and it was shut in or asked for temporary abandoned status just for economic reasons. There was some mechanical issues with the pumping unit and some pump issues and it just didn't make sense to -- at the time to -- to produce that well at the current prices of oil.
  - Q. Okay. And is that still the opinion

of Durango that it is not economically feasible to produce that well at this time?

A. Currently, yes.

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- Q. I understand that there was a question about the schematic that was submitted to the staff with respect to this well concerning what was shown as the tubing and the distance and could you explain that?
- Α. Yes. That -- I had looked back because that predated my time with Durango but looking back, the OGB form that was filed between I think it was 2005 and then at some point when the schematic and the temporary abandoned status was submitted, the schematic was showing two-and-seven-eighths tubing. had four inch and I looked back and it was just -- they wanted -- John wanted to put a larger pump in it and change the tubing and I'm not sure -- you know, that was 15, 20 years ago, so I don't know, you know, what -- if an OGB form was required for the change of tubing size at the time, I'm not sure.
  - O. But that has now been corrected?

- 1 A. That has, yes, and I filed it.
  - O. OGB-7s with the Board?
  - A. Yes.

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- Q. Okay. With respect to the Pollard
  Field petition, there's two wells, the T. R.
  Miller Mill 12-16 number six well and the R. E.
  Loper 12-11 well. Would you give the staff a
  little background concerning those wells?
  - Α. Yes. The Miller 6 is actually on the east side of Pollard Field. Escambia River runs right between the field and so you have a west side and an east side. The Loper well is on the west side. The Miller 6 well is on the east side and the Miller 6, actually we plan on in the next 12 to 18 months essentially producing that well and then our plan with that well in particular is in the near future to convert it to a saltwater disposal well once we reach economic limit on production of oil just because we need the capacity on the east side of the field for saltwater.

The Loper well was produced -- I can't remember, I want to say around 2005, 2010, and

- it was an economic -- did not have economic
  reasons at the current price of oil and that's
  why it was shut in.
  - Q. The Loper well never really was a prolific producer, was it?
    - A. No, it wasn't.
  - Q. Okay. So in discussing the three wells, is it your opinion that all three of those wells have future utility in the plans of Durango Operating in these fields?
- 11 A. Yes.

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- Q. And you basically discuss why the

  Miller Mill number six well, you actually plan
  on trying to reproduce it?
  - A. Yes. That's -- that is in the -- as soon as we can get to it actually, that is actually -- we're planning on doing that.
  - Q. Okay. And the Loper well is for a saltwater disposal?
    - A. Yes.
- Q. And the other well, what were your plans again on that?
  - A. In Foshee?

Q. Yeah.

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- A. That well is partly a backup in case
  we lose integrity in our current active
  saltwater disposal. That is what that well is
  there for but if the price of oil were to, you
  know, go up, that well is definitely -- could be
  produced again.
  - Q. Okay. Now, I know that in the Pollard petition packet, there's an additional exhibit that was not prefiled but it is a part of the packet and it discusses well integrity and it's a email from John Herlihy to the staff in August of 2022 discussing the well integrity of the Loper well. Could -- could you review that, please?
- MR. ROGERS: What is that marked?
- MR. SCOGIN: It's in the Pollard
- 18 packet. It's Exhibit Number 3 of the technical,
- 19 I think, exhibits.
- 20 MR. ROGERS: Exhibit Number 3?
- 21 MR. SCOGIN: Yeah, Pollard. It's
- about two-thirds of the way, maybe three-
- 23 quarters of the way through the packet.

1 MR. ROGERS: Okay. I see it. Thank 2 you.

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- Q. (By Mr. Scogin) So Mr. Graves, would you review that for the staff, please?
- Basically what John Herlihy was Α. Yes. saying is that the -- the wells -- the shut-in well, especially in Pollard and with our -- and even when I did some looking back over stuff just to kind of confirm a lot of what he was saying was -- is that we don't believe that there is mechanical integrity issues due to the fact that it's been in a state of static equilibrium and that's kind of what John was touching on here in this email and if you look, the average -- you know, when we plug down kind of towards the end of this, it shows each permit number and each well and when it was shut in and when it was -- you know, when we eventually plugged it and I was on -- I actually was working at the time of a few of these but we had -- we've never experienced any mechanical integrity issues even being shut in for 20-plus years and that's basically what he was saying in

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One other thing I'd like to touch on is these wells don't -- we don't make H2S, which is a big issue, I know, with corrosion and things like that. These wells -- that is not in the producing fluid that we make, so we just don't believe that there is a, you know, any reason to believe that there's any mechanical integrity issues of the wellbores themselves.

- Q. And so that applies to all three wellbores for which you're requesting TA status today?
  - A. Yeah.
- Q. So in your opinion, a well integrity test is not necessarily for the three wells for which Durango is requesting extension of the TA status?
- 18 A. Correct.
  - Q. And in your opinion, are these wells any threat to the environment?
- 21 A. No.
- 22 Q. Or to a potable water supply?
  - A. I do not believe so, no.

Q. If the wells were to be tested for integrity, how would that be done and how much would that cost?

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- That would involve -- let's just -- I Α. will just take the Foshee well because they're all similar. It's -- we have to obviously put a rig on it. We'd have to lay down rods, lay down tubing. That would take two, three days. We'd have to, you know, either rent or purchase a work string to -- and some sort of retrievable bridge plug to go in the well, and you know, you need 6,000 feet probably roughly to test it. would be very cost prohibitive in our opinion. It would probably cost me around \$30,000 and that's me doing it myself and making the -- and running the operation myself and it could cost more than that if we ran into any sort of issues which happens on workovers most of the time.
- Q. So basically it's rather cost prohibitive given the advantages that come from such a test?
  - A. Correct.
  - Q. And what would the cost be to

- 1 | permanently plug and abandon the well?
  - A. I'm thinking from the -- from what I was able to kind of put together, I'm thinking around \$65,000 is what it would cost.
    - O. Each well?
    - A. Each well.
  - Q. Okay. Are you familiar with the term waste as that term is used in the conservation statutes of the State of Alabama?
    - A. Yes.

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- Q. In your opinion, would the extension of the temporary abandoned status for these wells that's been requested here, is that necessary in order to provide for the orderly development of the fields and to promote the conservation of natural resources?
  - A. Could you ask that one more time?
- Q. Yeah. In your opinion, would the extension of the TA status for these three wells, is that necessary in order to provide for the orderly development of the fields?
  - A. Yes.
  - Q. Okay. And in your opinion, would the

- granting of the petition by Durango prevent
  waste and protect the rights of all mineral
  owners in the field?
  - A. Yes, for sure.

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- Q. And it's your testimony that these wells have future utility and are not at risk with respect to the environment?
  - A. That is correct, yes.
- MR. SCOGIN: Mr. Rogers, I would request that the exhibit packets that we have submitted be admitted into the record.
- MR. ROGERS: The exhibits are admitted.
- MR. SCOGIN: And I will tender the witness for any questions by the staff.
- MR. ROGERS: Questions from the staff?

  Go ahead, gentlemen.
- MR. GREGORY: These wells have been out of production for quite a while. This is may be a question for Mark. Are these leases still valid?
- MR. SCOGIN: I have not reviewed the leases so I could not answer that question. I

MR. ROGERS: Or one of them is a

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1 | saltwater disposal well, isn't it?

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2 MR. GRAVES: Currently they're all 3 producing wells -- production wells. None of 4 them have been converted yet.

MR. ROGERS: If you'll just send that to Mark or get John to send that or somebody else to send the email, that will be sufficient.

MR. SCOGIN: We will do that.

MR. ROGERS: Mr. Patterson.

MR. PATTERSON: Yes. On the -- on the ATIC 34-16 in Foshee, you stated that it's uneconomical. Gas has been in the seventies and eighties for quite some time. What -- what do you feel oil needs to be for that well to be economical?

MR. GRAVES: I think, you know, in the mid-nineties it would be economical but -- and one thing I'm not sure if I touched on either is we don't -- we obviously have three wells that are in the temporary abandoned status but we make sure that every well that we have we plug as soon as it's not usable or we don't have any use for it and -- and that's one thing John has

1 actually harped on me to continue that as we move further with Durango but it is -- we don't 2 3 make enough oil to go drill a new saltwater We would -- we would lose those leases 4 well. 5 that the capacity of that saltwater, so if we lose mechanical integrity like on the Miller 6 7 west -- Pollard west side of the field, we have two disposals there and if we lost mechanical 8 9 integrity of either of those wells, the Loper 10 well is a backup for us in a sense because the 11 two disposals that are over there are 70-plus 12 years casing, you know, we've had -- I know on 13 the east side I've been a part of, you know, two 14 casing leaks and if we lose that, we lose 20, 30 barrels a day of production and I was just 15 16 trying to kind of make it like, yes, we'd love 17 to produce them if the price of oil gets high 18 enough but they're really way more valuable to 19 us as a backup asset so that we don't have to 2.0 spend 150, 250, 300, whatever it is, thousand to drill a disposal well because we don't make 2.1 2.2 enough oil to pay that off and so we're just as 23 invested as making sure that the integrity of

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     those wells is in good condition as, you know,
     as we can be because they are a valuable asset
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     to us even though they are temporary abandoned.
     That's why they've been temporary -- on the
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     temporary abandoned status for so long is
     thankfully we haven't had to plug any other
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     wells in Pollard but we would more than likely,
     you know, we would plug whichever well but we've
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     got to have one as a backup.
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               MR. PATTERSON:
                                To convert a well,
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     just for my curiosity, how much would you think
     it would cost to convert a well?
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               MR. GRAVES: Just in the conversion of
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     the perforations, squeezing, and setting plugs
     and all of that with tubing, I mean, we're
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     looking at probably 100,000, plus you've got to
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     set all the equipment on the surface, you know,
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     which could be another 20, 25 thousand, you
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     know, plus or minus, I don't know exactly,
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     everything has gone up so much in the last few
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     years.
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MR. ROGERS:

ahead, Mr. McQuillan.

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I'm just curious -- go

MR. MCQUILLAN: Mr. Graves, did I understand correctly that these three wells are tied in to that closed system of the fields? Is that why you say you don't expect any integrity problems because they're closed off from the atmosphere?

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MR. GRAVES: Correct. Well, to a degree, yes. So they -- they're shut in and they're definitely closed off from the atmosphere, so no oxygen. If no oxygen is introduced to the system and it's in a state of static equilibrium, from everything I've learned through, you know, getting my PE license and studying this and working with it is that there's no way for it to -- to have corrosion issues in the wellbore, especially you don't have -- the fluid is not moving. The fluid is It's sitting in the wellbore at let's static. just say a thousand foot. It's not moving because you're not producing it or you're not pulling out of the formation.

MR. MCQUILLAN: It's not hooked up to the producing system though; right?

1 MR. GRAVES: Correct.

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MR. MCQUILLAN: So you're rather new, of course, with Durango, but we've heard this story for a long time that they need at least three wells for backup wells and we're going back to 20 years on this one well.

MR. GRAVES: Correct.

MR. MCQUILLAN: Is it possible to put a temporary plug in these wells? I mean, our concern is they've sat there a long time and they probably will sit there further for a long time. We would feel better if there was a bottomhole plug in there and that way you can run a mechanical integrity test. Is that possible?

MR. GRAVES: Well, anything, yes, is possible. I -- the only thing that I would hesitate to is once we've set that plug and we've pulled everything out of that well, we can never -- we cannot produce it at that point.

We've got to get another rig in there, you know, which makes the price -- let's just say it's \$90 oil that we need to -- you know, like Miller 6,

I plan on, you know, requesting to pull it off the temporary abandoned in the next few months so that we can produce it but if we had put a plug in there ten years ago, that wouldn't even be a question for us because it would -- the cost to run 5,000, 6,000 feet of a work string and all of that and unset it and what not, it just wouldn't make sense for us.

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MR. MCQUILLAN: This is the first time
I remember hearing that this one well had -- you
know, could be produced so that would be
different but the other ones, it's been
testified over the years that it would not be a
producing well and so you have to come uphole
anyway to perf it and finish the conversion. So
if you had a -- at least a compliant plug or
something at the bottom, you've got to do that
anyway; right? In other words, I guess the
question bottom line is are all -- are all three
wells possible of producing or just one?

MR. GRAVES: Yes, I mean, they could
be to answer that. I do believe so after

looking at the production. Do I know for sure

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     if we would -- at the moment, the only thing on
     my agenda is the Miller 6 in the next few months
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     because I've already -- we're already working on
     putting that well back online soon and then it
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     will be converted to a disposal in the next --
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     once it's on -- I mean, not making -- it stops
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     making oil, then we're just going to go ahead
     and convert it. Similar to that, that could be
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     similar with the Loper well, especially if we
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     lose integrity in one of our other structures.
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               MR. MCQUILLAN:
                                Okay, thank you.
               MR. ROGERS:
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                            I was just curious.
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     This -- you produce a lot of well with a lot of
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     water with this operation, don't you; correct?
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               MR. GRAVES: A lot, a whole lot.
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               MR. ROGERS: A huge amount of water.
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     Is it economic at this level or is there a point
     if the price of oil went down it wouldn't be
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     economic because this really is a remarkable
     operation if you keep all these wells producing
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     yet you produce all that water -- connected
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     well.
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               MR. GRAVES: It's -- there's
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- 1 definitely an economic level to it. We try to
- 2 keep our costs as low as possible and you know,
- 3 | hopefully weather any of the storms when it does
- 4 get low enough as we did in 2020.
- 5 MR. ROGERS: At this price -- at this
- 6 | price, you're doing fine.
- 7 MR. GRAVES: Doing fine.
- 8 MR. ROGERS: Okay, thank you.
- 9 | Anything else, Mr. Scogin?
- 10 MR. SCOGIN: No, sir. We would just
- 11 request that the petitions be granted.
- 12 MR. ROGERS: We will review the
- 13 evidence and make a recommendation to the Board.
- MR. SCOGIN: Thank you.
- MR. GRAVES: Thank you.
- MR. ROGERS: Good to meet you, Westin.
- 17 Very impressed with your knowledge of all of
- 18 that.
- MR. GRAVES: Thank you.
- 20 MR. ROGERS: You've been out of
- 21 | college since '18?
- MR. GRAVES: Yes, sir. I've been with
- 23 Durango for about six years, almost seven.

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Page 28
                MR. ROGERS: The time is 10:26.
                                                    The
 1
 2
     hearing is adjourned.
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           (Whereupon, the hearing was concluded
 4
           at 10:26 a.m.)
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	Page 29
1	CERTIFICATE
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3	STATE OF ALABAMA
4	AT LARGE
5	
6	I hereby certify that the above and
7	foregoing deposition was taken down by me in
8	stenotype and the questions and answers thereto
9	were transcribed by means of computer-aided
LO	transcription and that the foregoing represents
L1	a true and correct transcript of the testimony
L2	given by said witness upon said deposition.
L3	I further certify that I am neither of
L4	counsel, nor of kin to the parties to the
L5	action, nor am I in anywise interested in the
L6	result of said cause.
L7	This the 4th day of December, 2024.
L8	
L9	Sheristannelly
20	arwin Connects
21	SHERI G. CONNELLY, RPR
22	ACCR No. 439, Expires 9/30/2025
23	Notary Commission Exp : 1/25/2027

[02 - attendance] Page 30

0	<b>25</b> 22:18	9	admitted 5:13
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