

STATE OF OHIO  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS RESOURCES MANAGEMENT

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In re: :  
The Matter of the :  
Application of :  
Gulfport Appalachia, : Application Date:  
LLC for Unit Operation June 30, 2025  
:  
Young 1 Unit :  
:

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UNITIZATION APPLICATION HEARING

- - - - -

Before Hearing Host Cynthia Marshall  
All Parties Appearing Remotely  
August 27, 2025, 9:00 a.m.

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Spectrum Reporting LLC  
400 South Fifth Street, Ste. 201  
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A P P E A R A N C E S

ON BEHALF OF OHIO DEPARTMENT OF NATURAL RESOURCES:

Ohio Department of Natural Resources  
2045 Morse Road, Building F-3  
Columbus, OH 43229  
By Jennifer Barrett, Esq.  
(Via videoconference)

ON BEHALF OF GULFPORT APPALACHIA, LLC:

Bricker Graydon, LLP  
100 South Third Street  
Columbus, OH 43215  
By Jenae Allert, Esq.  
(Via videoconference)

ALSO PRESENT:

Barbara Richardson (Via videoconference)  
Jeff Large (Via videoconference)  
Lauren Parker (Via videoconference)  
Beth Wehr (Via videoconference)  
Regina Bryant (Via videoconference)  
Lila Appaya, Esq. (Via videoconference)

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I N D E X

Witnesses	Page
Jonathan Holly	
Ms. Allert - Direct	11
Ms. Barrett - Cross	16
Trey Boardman	
Ms. Allert - Direct	20
Daniel Carr	
Ms. Allert - Direct	26
Ms. Barrett - Cross	31

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14  
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19  
20  
21  
22  
23  
24

I N D E X

Exhibits	Page
Exhibit D - Unit Map	12
Exhibit E - Cross-section Map	22
Exhibit F - Location Map	22
Exhibit G - Contact Affidavit	13

(PDF exhibits attached to the transcript.)

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3  
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P R O C E E D I N G S

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MS. MARSHALL: Good morning. Before we begin, I would like to go over some instructions for this video and telephone conference.

If you have joined online, please mute your microphone. If you have called in via phone, please use the "mute" feature of your phone. Once the hearing begins, everyone will be muted except for those presenting. If you have called in, you can unmute yourself by pressing "star 6."

Witnesses for the Applicant and anyone wishing to make comments, please wait to be individually called upon by your attorney or by the Division before speaking. Please mute your microphones anytime you are not speaking and when you have finished presenting to avoid any feedback.

I am now asking anyone who would like to make comments, please state your name slowly and clearly for the Division and identify whether you are an unleased mineral owner, working interest owner, or an owner with property in the

1 Young 1. I would also like this information from  
2 anyone who represents any of these persons. We  
3 will make note of your name and call upon you when  
4 it is time for comments.

5 If you have joined us via WebEx, please  
6 unmute yourself now and tell us your name if you  
7 wish to make comments.

8 Hearing none.

9 If you have joined us via phone, please  
10 unmute yourself by pressing "star 6" and tell us  
11 your name if you wish to make comments.

12 Hearing none.

13 Thank you. With that, we will begin  
14 the hearing.

15 Ms. Barrett.

16 MS. BARRETT: Thank you and good  
17 morning. Today is Wednesday, August 27th, 2025.  
18 And we are here on the matter of the application  
19 of Gulfport Appalachia, LLC, for unit operation of  
20 the Young 1 unit. This hearing before the Ohio  
21 Department of Natural Resources, Division of Oil  
22 and Gas Resources Management, is convened pursuant  
23 to Ohio Revised Code Section 1509.28.

24 My name is Jennifer Barrett, and I am

1 an administrative officer for the Division. Also  
2 with me today is Program Administrator Cynthia  
3 Marshall. We are conducting the hearing today and  
4 serve as the Chief's designees on this matter.

5 On June 30th, 2025, Gulfport filed with  
6 the Division an application for unit operations  
7 for a unit designated as the Young 1. Gulfport  
8 filed subsequent revisions to the application.  
9 The unit is proposed to be located in Belmont  
10 County, Ohio. In its application, Gulfport claims  
11 to have the mineral rights through voluntary  
12 agreements to approximately 375.648 acres of the  
13 desired approximate 413.601-acre unit.

14 The purpose of today's hearing is to  
15 determine whether Gulfport's Young 1 application  
16 meets all of the requirements of Revised Code  
17 Section 1509.28. Under that section, the Chief of  
18 the Division must issue an order if he determines  
19 that the Applicant has shown that, one, the unit  
20 is reasonably necessary to increase substantially  
21 the ultimate recovery of oil and gas; and two, the  
22 estimated additional recovery from the unit  
23 exceeds the additional cost.

24 Neither the Chief nor any of us here

1 today have made any decisions on Gulfport's  
2 application. After today's hearing, we will  
3 review all of the information provided to us in  
4 order to make a determination. We have a court  
5 reporter present as well, and we will have a copy  
6 of the transcript of this hearing for review.

7 The Chief's decision will be issued  
8 through a Chief's Order, which will be posted on  
9 the Division's website. Pursuant to Revised Code  
10 Section 1509.36, any order may be appealed within  
11 30 days after the date upon which the person to  
12 whom the order was issued received the order and  
13 for all other persons adversely affected by the  
14 order within 30 days after the date of the order  
15 complained of.

16 The hearing will proceed as follows:  
17 Gulfport will present its witnesses and exhibits  
18 and will answer questions posed by the Division  
19 staff. Then any unleased mineral owners, working  
20 interest owners, and those persons with property  
21 included in the proposed Young 1 unit will have  
22 the opportunity to present questions and concerns  
23 to the Division staff. And then the Division  
24 staff may take a break to determine if there are

1 any additional questions for the Applicant.

2 To proceed in an orderly fashion, we  
3 ask that any interested party who speaks here  
4 today pose any questions to the Division and we  
5 will then ask any questions to Gulfport.  
6 Additionally, anyone speaking today will be asked  
7 to provide their information to the court  
8 reporter. If you are uncomfortable speaking  
9 during the hearing, we will also accept written  
10 comments.

11 We will now ask the Applicant to make  
12 its introductions and begin its presentation.

13 MS. ALLERT: Thank you and good  
14 morning. My name is Jenae Allert. And I'm an  
15 attorney with Bricker Graydon, here on behalf of  
16 the Applicant, Gulfport Appalachia, LLC.

17 Today we are here for a request with  
18 the Division to grant unit operations for the  
19 Young 1 unit. Gulfport and the consenting working  
20 interest owners are the "owner," as that term is  
21 defined in Ohio Revised Code Section 1509.01(K),  
22 of approximately 90.824 percent of the  
23 413.601-acre unit area. This unit is proposed to  
24 be located in Flushing and Union Townships, in

1 Belmont County, Ohio.

2 We are here today with a request for  
3 the Division to issue an order authorizing  
4 Gulfport to develop and operate the Young 1 unit  
5 according to the unit plan attached to its  
6 application as amended and supplemented. In its  
7 application, the Applicant proposes to drill one  
8 lateral from a pad site located just outside the  
9 eastern boundary of the unit, drilling in a  
10 northwesterly direction.

11 As you will hear today, Gulfport  
12 Appalachia, together with the testimony of its  
13 three witnesses, satisfies the statutory  
14 requirements under Ohio Revised Code Section  
15 1509.28. And we urge the Division to approve unit  
16 operations for the Young 1 unit.

17 We would now like to call our first  
18 witness, Jonathan Holly.

19 MS. MARSHALL: Please swear in the  
20 witness.

21 - - - - -

22 JONATHAN HOLLY

23 being first duly sworn, testifies and says as  
24 follows:

## 1 DIRECT EXAMINATION

2 BY MS. ALLERT:

3 Q. Good morning. Can you please state  
4 your name for the record.

5 A. Jonathan Holly.

6 Q. And who is your employer?

7 A. Gulfport Energy Corporation, the parent  
8 company of Gulfport Appalachia, LLC, the  
9 Applicant.10 Q. And can you please describe your role  
11 at Gulfport?12 A. I'm a landman for Gulfport. I assist  
13 with the oil and gas development program in Ohio.  
14 I fulfill this role by negotiating lease  
15 acquisitions, trades, and joint operating  
16 agreements. I also manage land brokers and review  
17 title.18 Q. Can you please describe your education  
19 and professional background?20 A. I graduated with a Bachelor's of  
21 Business Administration in Energy Management from  
22 the University of Oklahoma in 2012. I have worked  
23 as a landman in various capacities since 2013.  
24 All together, I've worked in the Mid-Con, Permian

1 Basin, and Utica plays.

2 Q. Do you belong to any professional  
3 associations?

4 A. Yes. I'm a CPL accredited by the  
5 American Association of Professional Landmen and  
6 I'm also a member of the Oklahoma City Association  
7 of Professional Landmen.

8 Q. Thank you. I would like to turn now to  
9 the specifics of the application. Are you the  
10 landman that assisted in preparing the Young 1  
11 unitization application?

12 A. Yes, I am.

13 Q. And turning now to one of the exhibits,  
14 which is Exhibit D, which was included in the  
15 application. I'm going to ask you some questions  
16 about Gulfport's plans for development. Can you  
17 please describe the unit area as well as your  
18 development plan?

19 A. Sure. The Young 1 unit consists of 128  
20 tracts making up approximately 413.601 acres. The  
21 plan is to drill one lateral in a northwesterly  
22 direction.

23 Q. Exhibit D contains a legend that  
24 includes color designations that have then been

1 applied to the unit tracts contained in the unit.

2 Can you please walk us through the color  
3 designations and what each of those mean?

4 A. Sure. Yellow represents consenting or  
5 leased parcels, red represents unleased parcels,  
6 and red-and-yellow crosshatch represent parcels  
7 that are partially unleased and partially  
8 consenting.

9 Q. And what percentage of the unit is  
10 currently leased or in a consenting status?

11 A. 90.694 percent.

12 Q. As far as the unleased interest, which  
13 is designated as red, have you undergone efforts  
14 to lease the remaining unleased acreage?

15 A. Yes. Exhibit G outlines our efforts to  
16 identify, locate, and bring under lease all of the  
17 parties and parcels that remain unleased.

18 Q. Post-hearing and post-order, will you  
19 continue your efforts to lease the remaining  
20 unleased tracts?

21 A. Yes, we will. To the extent that the  
22 negotiations are constructive and the parties are  
23 willing to engage in the leasing process.

24 Q. As far as the proposed pad site, what

1 is the status of the pad site?

2 A. We have a surface use agreement in  
3 place with the surface owner, and construction of  
4 the pad has commenced.

5 Q. Turning now to a couple of agreements  
6 that were included in the application. I  
7 understand you have incorporated a unit plan and a  
8 joint operating agreement, or JOA; is that  
9 correct?

10 A. Yes.

11 Q. What does the unit plan attempt to  
12 accomplish?

13 A. The unit plan seeks to pool the  
14 unitized formation underlying the unit area. It  
15 combines the oil and gas rights as if the unit  
16 were operated under one lease.

17 Q. And what does the JOA attempt to  
18 accomplish?

19 A. The JOA seeks to lay out the  
20 relationship between the operator and  
21 non-operating working interest owners.

22 Q. Does the JOA contain a mechanism for  
23 proposing operations to non-operating working  
24 interest owners?

1 A. Yes. The JOA provides that a proposal  
2 will be sent by the operator to the non-operating  
3 working interest owners. That proposal will  
4 contain the proposed location of the initial well  
5 and an AFE setting forth the estimated costs to  
6 drill and complete the initial well.

7 Q. Under the JOA, have you requested  
8 non-consent penalties in the event there are  
9 non-consenting working interest owners at the time  
10 of operations?

11 A. Yes. I have requested a 500 percent  
12 non-consent penalty for initial operations and  
13 500 percent for subsequent operations.

14 Q. Do you believe those percentages to be  
15 just and reasonable given your experience in the  
16 Utica and experience in the industry?

17 A. Yes.

18 Q. What do you consider when you land on a  
19 non-consent penalty amount?

20 A. We take into consideration the costs of  
21 the proposed operations, the complexity of the  
22 development, as well as the likelihood of risk  
23 involved geologically, mechanically, and  
24 operationally, as we drill miles beneath the

1 surface.

2 Q. Is the non-consent penalty that you  
3 have included in the JOA applicable to unleased or  
4 unitized mineral interest owners?

5 A. No. Only to non-consenting working  
6 interest owners. It allows the operator and  
7 consenting working interest owners to recover  
8 their costs plus a risk penalty before  
9 nonparticipating working interest owners are paid.

10 Q. My last question: did you provide  
11 notice of the hearing by newspaper publication?

12 A. Yes. We provided a notice by  
13 publication of the hearing here today pursuant to  
14 the Division's procedural guidelines.

15 Q. Thank you.

16 MS. ALLERT: No further questions.

17 MS. MARSHALL: Thank you.

18 Ms. Barrett, do you have any questions?

19 MS. BARRETT: Yes, I do.

20 - - - - -

21 CROSS-EXAMINATION

22 MS. BARRETT:

23 Q. Could you describe what attempts you  
24 have taken to identify unknown or undetermined

1 mineral owners, please?

2 A. We have searched court records and  
3 utilized online resources such as Accurint,  
4 Ancestry.com, and other online resources. We also  
5 provided notice by newspaper publication.

6 Q. If you were to receive a unitization  
7 order, can you describe what happens to any  
8 payments owed to unknown or undetermined mineral  
9 owners under that order?

10 A. Revenue for those owners and interests  
11 are held in suspense. And we conduct routine due  
12 diligence to attempt to contact and identify  
13 suspended owners.

14 Q. What is the current average outstanding  
15 offer to the unleased mineral owners in the  
16 proposed unit?

17 A. The current average outstanding offer  
18 is \$5,000 per net acre and 18.5 percent royalty.

19 Q. Is that average royalty based on a net  
20 or gross amount?

21 A. It is a combination of both.

22 Q. Okay. And do those offers include  
23 surface use?

24 A. That is a negotiated term that we

1 negotiate with the owner.

2 Q. Okay. The outstanding offers though --  
3 is it included?

4 A. Again, that is negotiated; it varies.  
5 But we recognize that the -- we have already  
6 secured the surface rights. And we note that  
7 nothing in the order grants the Applicant the  
8 right to operate on anyone's surface absent a  
9 voluntary agreement between the operator and the  
10 landowner.

11 Q. When will the offers expire?

12 A. The offers are still valid, and they do  
13 not have a specific expiration date. We will  
14 continue negotiating a mutually acceptable lease  
15 post-order to the extent that it's fruitful.  
16 Nothing in the order prohibits the landowner from  
17 entering into a lease with the Applicant.

18 Q. What is the average offer that was  
19 accepted by the leased mineral owners in the  
20 proposed unit?

21 A. The average accepted offer was \$5,100  
22 per net acre and 19 percent royalty. It was  
23 mostly cost-free, but it is a mix between  
24 cost-free and cost-sharing leases.

1 Q. Do you believe your lease attempts have  
2 been reasonable?

3 A. Yes. We have reached out to mineral  
4 owners over the course of multiple years and via  
5 several attempts. We have successfully taken  
6 hundreds of leases in this area, and we continue  
7 to negotiate with interested owners. And we would  
8 like to enter into a mutually agreeable lease with  
9 those that wish to.

10 Q. Do the leases in the unit authorize  
11 drilling into and producing from the proposed  
12 unitized formations?

13 A. Yes, they do.

14 Q. And to establish bonus and royalty  
15 amounts in leases, how are those generally  
16 determined?

17 A. We work with our reservoir team to  
18 understand a range of bonuses and associated  
19 royalty rates as guidance, and then we use that as  
20 a starting point. From there, competition in the  
21 area is the main driver of the increase or  
22 decrease in our bonus and royalty. And we also  
23 adjust for factors such as the pricing  
24 environment, the parcel size, the parcel location,

1 and other lease provisions that the landowner  
2 requests.

3 Q. Okay. Thank you.

4 MS. BARRETT: No further questions for  
5 me.

6 MS. MARSHALL: Thank you.

7 Ms. Allert, please call your next  
8 witness.

9 MS. ALLERT: Thank you. Next we call  
10 Mr. Trey Boardman.

11 MS. MARSHALL: Please swear in the  
12 witness.

13 - - - - -

14 TREY BOARDMAN

15 being first duly sworn, testifies and says as  
16 follows:

17 DIRECT EXAMINATION

18 BY MS. ALLERT:

19 Q. Good morning. Can you please state  
20 your name for the record and also provide your  
21 educational and professional background.

22 A. Yes. My name is Trey Boardman. I'm a  
23 geologist at Gulfport. My education includes a  
24 Bachelor of Science in Geology as well as a Master

1 of Science in Geology, both from Oklahoma State  
2 University. I have over 14 years of  
3 petroleum-related experience working in a number  
4 of different basins. And I have worked at  
5 Gulfport for three years.

6 Q. Can you please describe your role at  
7 Gulfport?

8 A. Yes. As a geologist, my  
9 responsibilities include interpreting geologic  
10 data to optimize well targeting, geologic  
11 modeling, development planning, and geosteering.

12 Q. And turning to the specifics of the  
13 application, are you the geologist who prepared  
14 exhibits in support of the Young 1 application?

15 A. Yes, ma'am.

16 Q. Can you please describe for us the  
17 depths that you proposed to unitize?

18 A. Yes. So we want to unitize the  
19 subsurface portion of the unit area, located from  
20 the top of the Utica Shale to the top of the  
21 Trenton Limestone formation, inclusive of the  
22 Point Pleasant.

23 Q. As part of the preparation of your  
24 exhibits, which we will go through today, did you

1 perform an analysis of the geologic  
2 characteristics of the unitized formation as  
3 described in the application?

4 A. Yes.

5 Q. Can you define the term "pool" for us?

6 A. Yes. A pool is a separate underground  
7 reservoir or common petroleum accumulation that  
8 can yield hydrocarbons when drilled and completed.

9 Q. We are going to turn now to Exhibit F.  
10 Can you use this exhibit in order to describe the  
11 evaluation and the information that you looked at  
12 in your geologic analysis?

13 A. Yes. Exhibit F is a location map  
14 showing the unit outline and pad location, along  
15 with two of the closest available pilot logs and  
16 the line of cross-section, which is depicted on  
17 Exhibit E.

18 Q. And turning now to Exhibit E, can you  
19 please describe for us what information and  
20 analysis you are able to conduct using this  
21 exhibit?

22 A. Exhibit E is the northwest to southeast  
23 cross-section, which is located on Exhibit F.  
24 This cross-section is composed of two open-hole

1 well logs on either side of the anticipated depths  
2 of the surface location.

3 This section is flattened on the top of  
4 the Point Pleasant and includes the tops we used  
5 to characterize the Utica pool. This section  
6 demonstrates the similarity and character  
7 thickness and well log properties, as well as the  
8 uniformity of the Utica pool geology across the  
9 Young 1 unit area.

10 Q. Given your observations of the pilot  
11 wells that you included in Exhibit F and the  
12 cross-section observations in Exhibit E, is the  
13 unitized formation underlying the unit a pool or  
14 part of a pool?

15 A. Yes, it is.

16 Q. I would like to turn now to another  
17 item that is addressed in the application and that  
18 is included in the unit plan. In the unit plan  
19 there is a proposed allocation methodology for  
20 production and expenses. Given your conclusion  
21 that the unitized formation is a pool or part of a  
22 pool, do you also have an opinion on the  
23 appropriate allocation methodology for production  
24 and expenses?

1 A. Yes. Allocation based on surface  
2 acreage basis is appropriate in this scenario.

3 Q. And can you please tell us why that is?

4 A. So it is the only method I have seen  
5 used in development of this type. It represents  
6 the expectation that the reservoir quality and  
7 thickness is consistent across not only this unit,  
8 but off to the east, north, south, and west.

9 And the expectation is that each  
10 surface acre contains a similar amount of  
11 hydrocarbon, regardless of where they are located  
12 in the unit.

13 Q. Thank you. Earlier, Mr. Holly  
14 testified to a non-consent penalty that is  
15 included in the JOA as presented in the  
16 application. Do you believe the non-consent  
17 penalty is reasonable? And if so, why?

18 A. Yes, I do. These penalties encourage  
19 participation for development. And given the  
20 material capital costs inherent in these sorts of  
21 operations, we believe the penalty requested to be  
22 reasonable.

23 Q. Thank you.

24 MS. ALLERT: No further questions.

1 MS. MARSHALL: Mr. Boardman, I have a  
2 couple of questions. What is the anticipated true  
3 vertical depth of the horizontal portion of the  
4 wellbore?

5 THE WITNESS: Approximately 8,790 feet  
6 TVD.

7 MS. MARSHALL: What is the anticipated  
8 true vertical depth of the top of the Utica, the  
9 Point Pleasant, and the Trenton?

10 THE WITNESS: The anticipated depth of  
11 the Utica is approximately 8,197 feet TVD. The  
12 top of the Point Pleasant is 8,740 feet TVD. And  
13 the top of the Trenton is 8,857 feet TVD.

14 MS. MARSHALL: Do you expect production  
15 from outside the Point Pleasant?

16 THE WITNESS: Well, it's possible the  
17 lower portions of the Utica may contribute to the  
18 production. But the Point Pleasant will be the  
19 primary source of production, but not to exceed  
20 the pool.

21 MS. MARSHALL: Okay. Thank you.

22 Ms. Barrett, do you have any questions?

23 MS. BARRETT: No, I do not. Thank you.

24 MS. MARSHALL: Ms. Allert, please call

1 your next witness.

2 MS. ALLERT: Thank you. Our last  
3 witness is Mr. Daniel Carr.

4 MS. MARSHALL: Please swear in the  
5 witness.

6 - - - - -

7 DANIEL CARR

8 being first duly sworn, testifies and says as  
9 follows:

10 DIRECT EXAMINATION

11 BY MS. ALLERT:

12 Q. Good morning. Can you please introduce  
13 yourself and also describe your education and  
14 professional background?

15 A. Sure. My name is Daniel Carr. I'm a  
16 senior reservoir engineer for Gulfport Appalachia.  
17 I graduated from Texas Tech University with a  
18 Bachelor of Science in Petroleum Engineering. And  
19 I've worked as a petroleum engineer for over 12  
20 years in various plays and basins, including the  
21 Permian, Powder River, Eagle Ford, Haynesville,  
22 Utica, and Mid-Con.

23 Q. Thank you. And can you also provide  
24 for us your professional background?

1 A. My professional background? I think I  
2 just stated that: The over 12 years in various  
3 plays, including Permian, Powder, Eagle Ford,  
4 Haynesville, Utica, Mid-Con.

5 Q. Okay. And where did you work before  
6 Gulfport?

7 A. I worked for Chesapeake Energy.

8 Q. Thank you. As far as your role at  
9 Gulfport, can you please describe what you do as  
10 far as your daily responsibilities?

11 A. Sure. I perform reservoir evaluations,  
12 estimating reserves and recoveries. I analyze the  
13 economics and risk assessment of planned wells and  
14 projects. I also calculate how many hydrocarbons  
15 are believed to exist or remain on Gulfport  
16 properties, as well as how much we can  
17 economically expect to produce.

18 Q. Turning now to the specifics of the  
19 Young 1 application, did you forecast well  
20 performance for a unitized operating scenario as  
21 well as a non-unitized operating scenario?

22 A. Yes, I did.

23 Q. And can you describe the process or  
24 methodology that you used to forecast that well

1 performance?

2 A. Sure. So I create type curves for the  
3 proposed laterals based on the performance of  
4 analogous production in the area. In that  
5 analysis, I consider many variables, such as  
6 thermal maturity, completion parameters,  
7 proximity, vintage, et cetera. I then take that  
8 and normalize it on a per 1,000 feet basis and  
9 apply that to the lateral length of the proposed  
10 well.

11 Q. Thank you. Turning now to Section 5 of  
12 the application, which contains your economic  
13 summary. I would like to go through the numbers  
14 that you came to as far as your well analysis.  
15 First, can you tell us what the lateral length is  
16 if you assume a unitization order is granted?

17 A. Yes. For the unitized scenario, it  
18 would be 20,000 feet.

19 Q. And does that measurement take into  
20 account Ohio's statutory setbacks?

21 A. Yes, it does.

22 Q. If you turn to the middle table, which  
23 is "non-unitized," can you provide for us the  
24 lateral length, assuming a voluntary or

1 non-unitized development?

2 A. Yes. That would be zero feet.

3 Q. And what is the recovery that you  
4 estimated under the unitized scenario?

5 A. 32.2 BCFe.

6 Q. And what is the recovery that you  
7 estimated under the non-unitized scenario?

8 A. That would also be zero.

9 Q. What is the difference in recovery  
10 between the two operating scenarios?

11 A. 32.2 BCFe.

12 Q. Do you consider 32.2 BCFe to be a  
13 substantial amount of recovery?

14 A. Yes. It is my opinion that this is a  
15 substantial amount. And I would like to  
16 highlight, since yesterday marked the beginning of  
17 pumpkin spice latte season, the energy contained  
18 in just one BCFe of natural gas is enough to make  
19 approximately 6 billion pumpkin spice lattes.

20 Q. Thank you for that. Is it your expert  
21 opinion that a unit order is reasonably necessary  
22 to increase substantially the ultimate recovery of  
23 oil and gas from the unit?

24 A. Yes.

1 Q. Another part of your economic summary  
2 that is provided in Section 5 is the value that  
3 you have assessed or applied to the recovery  
4 amounts. What is the monetary value of the  
5 difference in recovery that you have estimated?

6 A. So that would be 101.7 million on an  
7 undiscounted value of estimated recovery,  
8 58 million on a PV0 value, and 32.1 million on a  
9 PV10 value.

10 Q. And other items included are capital  
11 costs and operating expenses. Can you please  
12 provide those numbers for the unitized scenario?

13 A. Yes. For operating costs, that would  
14 be 30.1 million, and capital cost is 13.6 million.

15 Q. And since a non-unitized scenario, or  
16 voluntary scenario, is going to yield zero  
17 development, are those numbers zero costs and zero  
18 operating expenses for that scenario?

19 A. Yes. Zero costs associated with the  
20 non-unitized scenario, given that we would be  
21 precluded from any development.

22 Q. Another value that you have mentioned  
23 and included in your table is "PV10." For the  
24 PV10 values that you testified to today, do those

1 take into account the operating and capital  
2 expenses that you also provided in your economic  
3 summary?

4 A. Yes, they do.

5 Q. Is it your expert opinion that the  
6 value of the estimated additional recovery of oil  
7 or gas exceeds the estimated additional cost  
8 incident to conducting the proposed unit  
9 operations?

10 A. Yes.

11 Q. Can you please tell us how you went  
12 about factoring well pad costs into your  
13 economics?

14 A. Sure. So pad costs are shared between  
15 all planned wells to be developed from the pad.

16 Q. Thank you.

17 MS. ALLERT: I have no further  
18 questions.

19 MS. MARSHALL: Thank you.

20 Ms. Barrett, do you have any questions?

21 MS. BARRETT: Yes, I do.

22 - - - - -

23 CROSS-EXAMINATION

24 BY MS. BARRETT:

1 Q. Were those pad costs estimated, then?

2 A. Yes. Since the pad is currently being  
3 built, these are estimated costs.

4 Q. Okay. And how many total wells are  
5 planned from the pad?

6 A. It will be four total wells. The Young  
7 1, 2, 3, and 4, in each of their own respective  
8 units.

9 Q. Okay. What is the estimated economic  
10 life of the well in years?

11 A. So we used a 40-year window.

12 Q. And how do you land on the 40-year  
13 window?

14 A. It's just typical industry practice to  
15 use between a 30 and 50-year life, expecting that  
16 the well will continue to produce that long.

17 Q. Okay. What price was used in your  
18 calculations?

19 A. I used NYMEX strip pricing as of  
20 June 16th of this year.

21 Q. What's the estimated payout of the well  
22 at 1, 1.5, 2, and 3 times, please?

23 A. For 1-times payout, that is 1 to 2  
24 years; 2 to 3 years for 1.5-times payout; 4 to 5,

1 for 2 times; and greater than 10 for a 3-year  
2 payout.

3 Q. What amount was included for plugging  
4 and restoration costs in your calculations per  
5 well?

6 A. Plugging and reclamation cost is  
7 400,000 per well.

8 Q. What is the estimated BCF<sub>e</sub> per 1,000  
9 feet?

10 A. That would be approximately 1.61 BCF<sub>e</sub>  
11 per 1,000 feet of lateral.

12 Q. And what is the estimated recovery  
13 factor in the area?

14 A. That comes out to be somewhere between  
15 40 and 50 percent.

16 Q. Okay. Thank you.

17 MS. BARRETT: No further questions for  
18 me.

19 THE WITNESS: Thanks.

20 MS. MARSHALL: Once again, if you would  
21 like to make comments, I'm first going to take all  
22 of your names and note whether you are an unleased  
23 mineral owner, working interest owner, or an owner  
24 with property in the unit.

1           Only one person may speak at a time to  
2 properly record the hearing. And please mute your  
3 microphone once you have delivered your comments  
4 or questions to avoid any feedback. Additionally,  
5 anyone speaking today will be asked to provide  
6 their information to the court reporter. If you  
7 are uncomfortable speaking during the hearing, we  
8 will also accept written comments.

9           If you have joined via WebEx and would  
10 like to make comments, please unmute yourself and  
11 state your name.

12           Hearing none.

13           If you have joined us via phone and  
14 would like to make comments, please unmute  
15 yourself by pressing "star 6" and state your name.

16           Hearing none.

17           Ms. Barrett, do you have any additional  
18 questions for the Applicant?

19           MS. BARRETT: No, I do not. Thank you.

20           MS. MARSHALL: Does the Applicant have  
21 any closing remarks?

22           MS. ALLERT: No. Thank you for  
23 everybody's time today.

24           MS. MARSHALL: Thank you, everyone.

1 The hearing is now concluded.

2 - - - - -

3 Thereupon, the foregoing proceedings  
4 concluded at 9:30 a.m.

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1 State of Ohio : C E R T I F I C A T E  
2 County of Franklin: SS

3 I, Bridget Mary Hoyer, a Notary Public in and  
4 for the State of Ohio, do hereby certify that I  
5 transcribed or supervised the transcription of the  
6 audio recording of the aforementioned proceedings;  
7 that the foregoing is a true record of the  
8 proceedings.

9 I do further certify I am not a relative,  
10 employee or attorney of any of the parties hereto,  
11 and further I am not a relative or employee of any  
12 attorney or counsel employed by the parties  
13 hereto, or financially interested in the action.

14 IN WITNESS WHEREOF, I have hereunto set my  
15 hand and affixed my seal of office at Columbus,  
16 Ohio, on September 18, 2025.

17  
18  
19 

20 \_\_\_\_\_  
21 Bridget Mary Hoyer, Notary Public - State of Ohio  
22 My commission expires April 14, 2030.

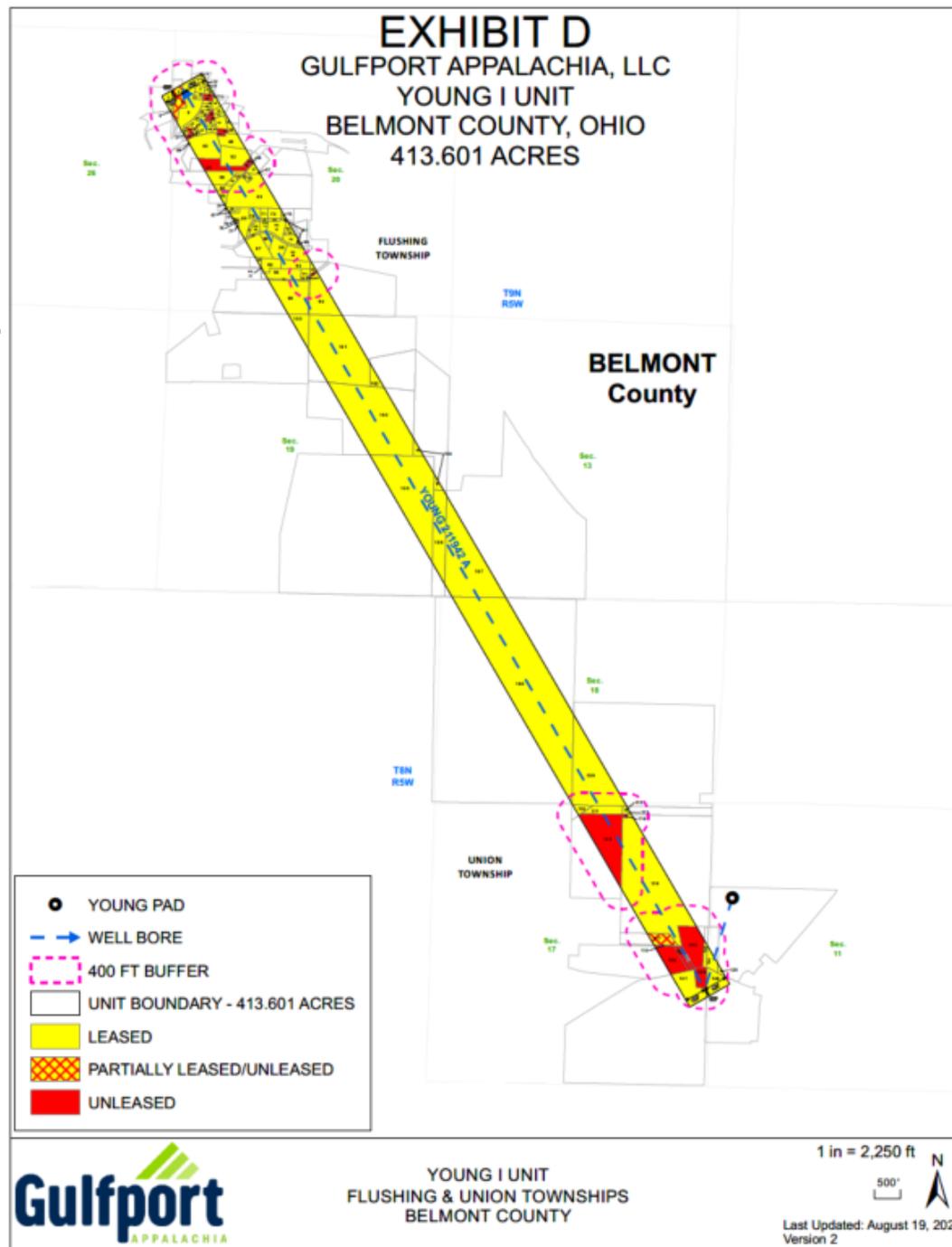
# Young I

## August 27, 2025

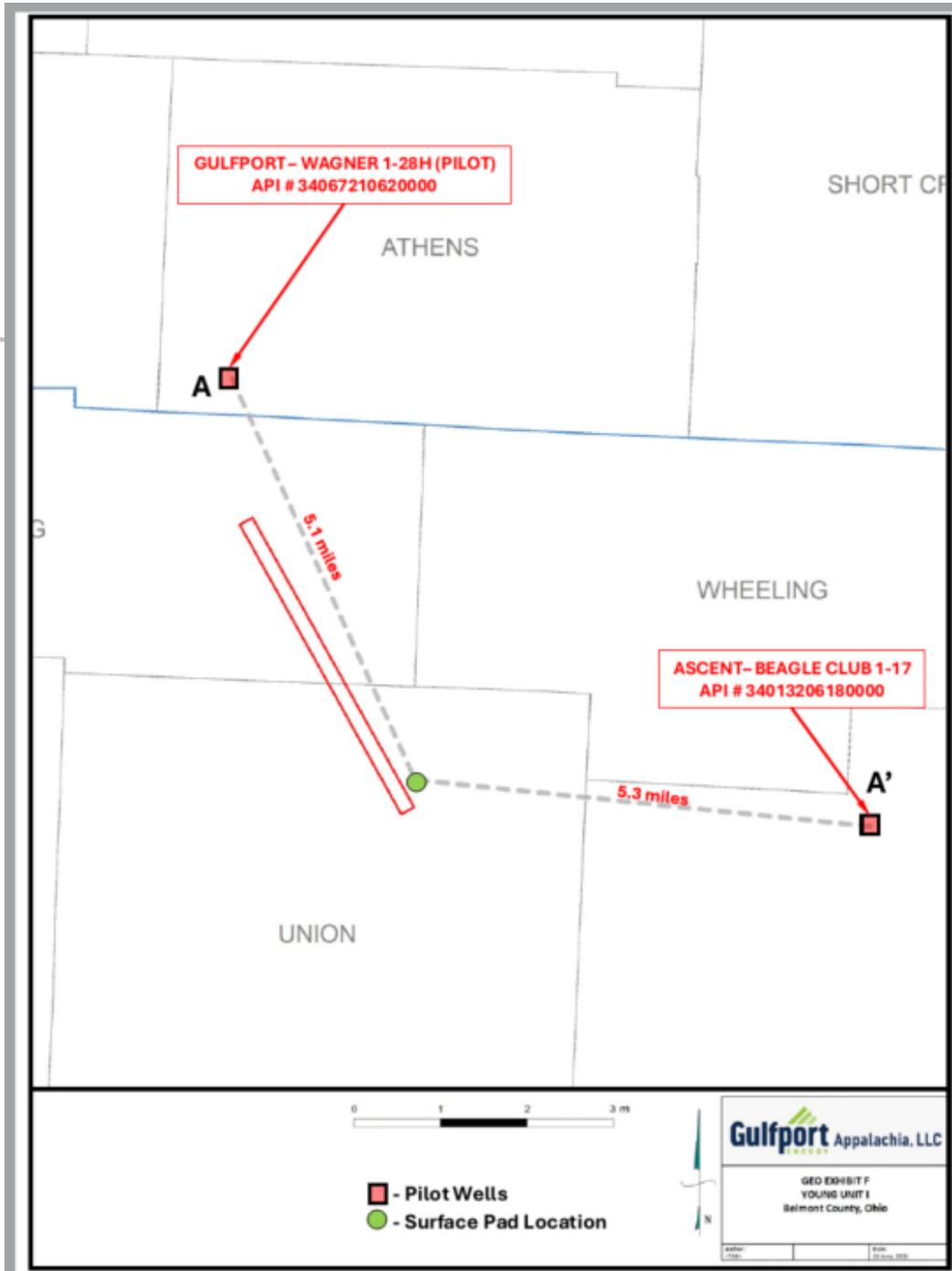
Jenae C. Allert



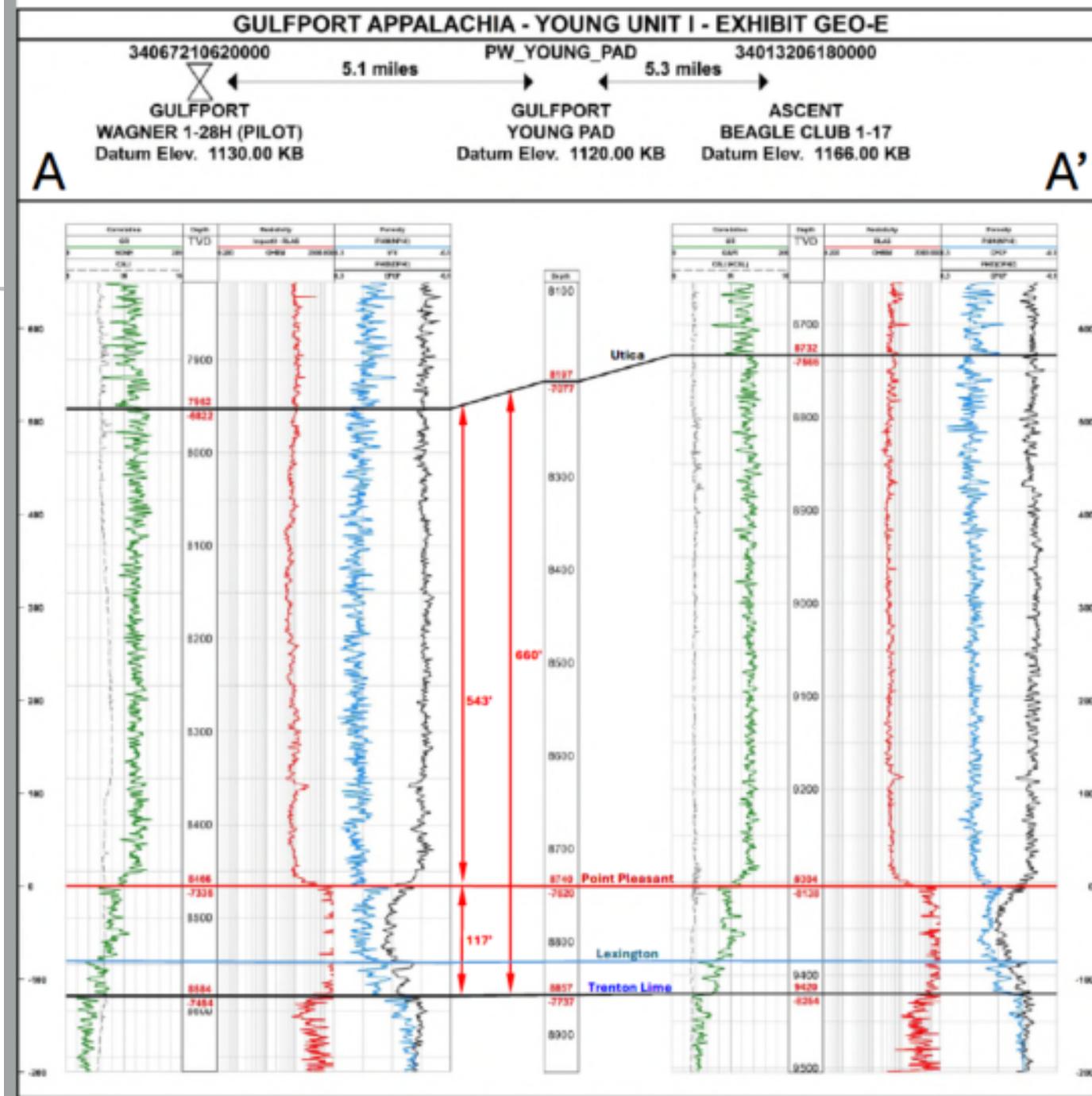
# Young I Exhibit "D"



# Young I Exhibit "F"



# Young I Exhibit "E"



# Young I Economic Summary

## Section 5. Economic Calculation Summaries *Required*

### Unitized Scenario

Well Name	Lateral Length (ft)	Measured Depth (ft)	Operating Costs (MMS)	Capital Costs (MMS)	Undiscounted Value of Estimated Recovery (MMS)	PV0 (MMS)	PV10 (MMS)	Estimated Gross Recovery (BCFe)
Young 211942 A	20,000	28,694	30.1	13.6	101.7	58.0	32.1	32.2
<b>Total:</b>	20,000	28,694	30.1	13.6	101.7	58.0	32.1	32.2

### Non-Unitized Scenario

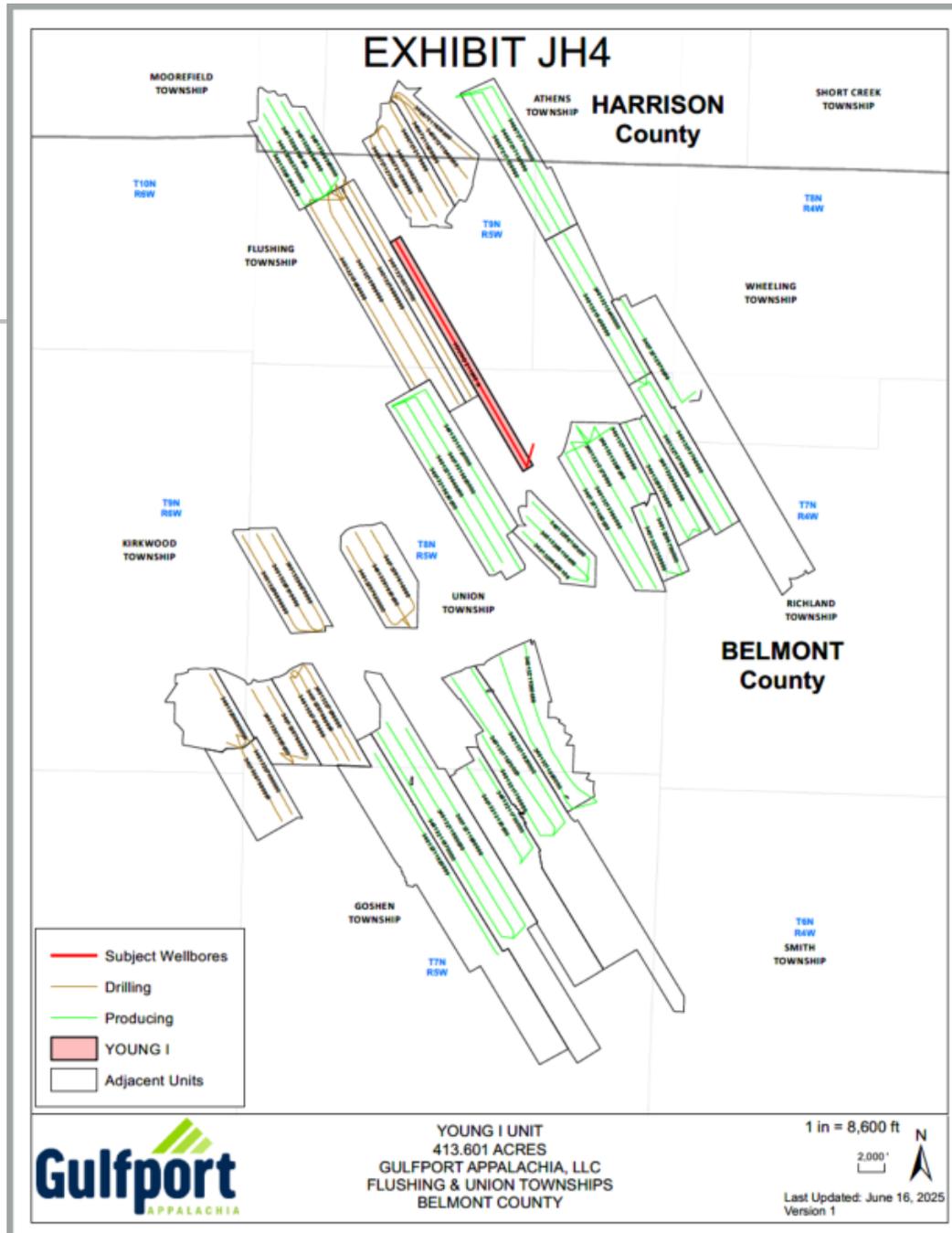
Well Name	Lateral Length (ft)	Measured Depth (ft)	Operating Costs (MMS)	Capital Costs (MMS)	Undiscounted Value of Estimated Recovery (MMS)	PV0 (MMS)	PV10 (MMS)	Estimated Gross Recovery (BCFe)
Young 211942 A	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total:</b>	0	0	0.0	0.0	0.0	0.0	0.0	0.0

### Difference

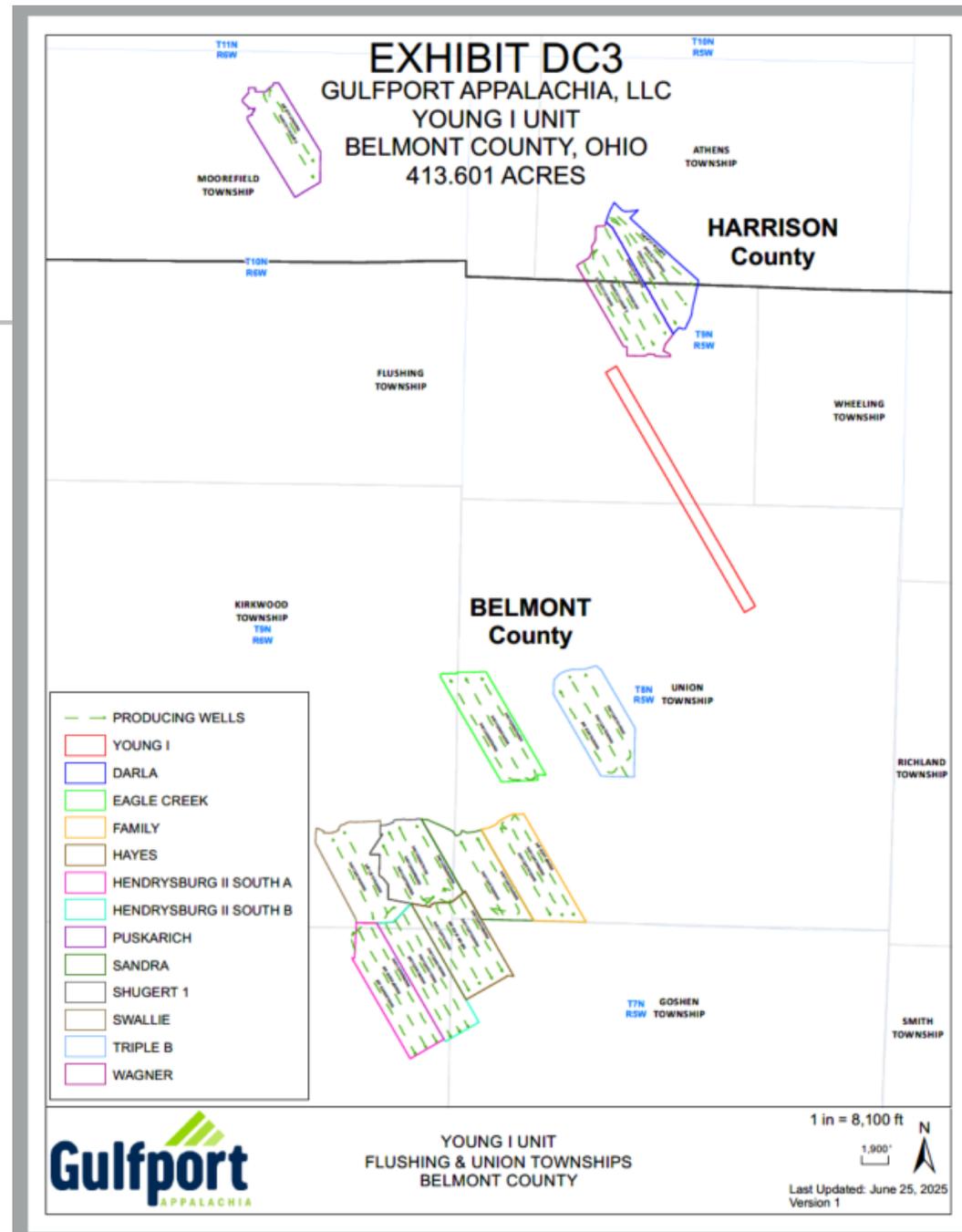
Well Name	Lateral Length (ft)	Measured Depth (ft)	Operating Costs (MMS)	Capital Costs (MMS)	Undiscounted Value of Estimated Recovery (MMS)	PV0 (MMS)	PV10 (MMS)	Estimated Gross Recovery (BCFe)
Young 211942 A	20,000	28,694	30.1	13.6	101.7	58.0	32.1	32.2
<b>Total:</b>	20,000	28,694	30.1	13.6	101.7	58.0	32.1	32.2



# Young I Adjacent Units



# Young I Offset Wells



Young I Unit Application

# Young I Offset Wells



API	WELLBORE NAME	UNIT	PROD START (DATE)	LATERAL (FT)
34013206570100	SHUGERT 1-1H	SHUGERT 1	4/15/2013	4,950
34067210620100	WAGNER 1-28H	WAGNER	8/6/2012	7,117
34067211260000	WAGNER 2-28H	WAGNER	9/18/2013	7,160
34067211270000	WAGNER 3-28H	WAGNER	9/4/2013	5,632
34013206890000	SHUGERT 2-1H	SHUGERT 1	11/26/2013	5,159
34013207060000	SHUGERT 4-1H	SHUGERT 1	12/1/2013	4,032
34013206880000	SHUGERT 3-1H	SHUGERT 1	11/20/2013	5,120
34013207090000	FAMILY 1-32H	FAMILY	12/27/2013	7,632
34013207070000	FAMILY 3-32H	FAMILY	12/29/2013	6,696
34013207080000	FAMILY 2-32H	FAMILY	12/28/2013	7,632
34013206810000	EAGLE CREEK 1-26H	EAGLE CREEK	6/8/2014	7,934
34013206870000	EAGLE CREEK 3-26H	EAGLE CREEK	6/7/2014	7,507
34013206850000	EAGLE CREEK 2-26H	EAGLE CREEK	6/7/2014	7,666
34013207640000	SANDRA 1-31H	SANDRA	8/27/2014	5,882
34013207650000	SANDRA 2-31H	SANDRA	8/27/2014	5,971
34013207610000	TRIPLE B 1-21H	TRIPLE B	9/11/2014	6,022
34013207630000	TRIPLE B 3-21H	TRIPLE B	9/11/2014	7,780
34013207620000	TRIPLE B 2-21H	TRIPLE B	9/11/2014	6,450
34013207490000	HAYES 1-1H	HAYES	9/20/2014	5,623
34013207510000	HAYES 4-1H	HAYES	9/22/2014	6,452
34013207480000	HAYES 3-1H	HAYES	9/22/2014	6,167
34013207500000	HAYES 2-1H	HAYES	9/20/2014	5,688
34013207840000	SWALLIE 210041 2B	SWALLIE	10/24/2014	6,080
34013207830000	SWALLIE 210041 1C	SWALLIE	10/24/2014	6,710
34067212170000	WAGNER 4-28H	WAGNER	10/9/2014	8,428
34067211630000	DARLA 1-22H	DARLA	10/8/2014	5,504
34067211620000	DARLA 3-22H	DARLA	10/8/2014	6,237
34067211640000	DARLA 2-22H	DARLA	10/8/2014	6,698
34067212090000	PUSKARICH 1-18H	PUSKARICH	12/15/2014	5,720
34067211830000	PUSKARICH 3-18H	PUSKARICH	12/15/2014	6,705
34013208880000	CATTLE 210198 3C	HENDRYSBURG II SOUTH A	6/25/2016	9,446
34013209190000	JADE 210274 3A	HENDRYSBURG II SOUTH B	7/25/2016	9,102
34013209170000	JADE 210274 2B	HENDRYSBURG II SOUTH B	7/25/2016	8,918
34013208860000	CATTLE 210198 2B	HENDRYSBURG II SOUTH A	6/24/2016	9,489
34013209180000	JADE 210274 1C	HENDRYSBURG II SOUTH B	7/25/2016	9,159
34013208870000	CATTLE 210198 1A	HENDRYSBURG II SOUTH A	6/23/2016	8,107

Thank You

Bricker   
Graydon