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 Ascent Resources-Utica, LLC for Unit Operation	:	Application Date: August 1, 2025
Archie NW WYN JF Unit	:	

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UNITIZATION APPLICATION HEARING

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Before Hearing Hosts Jeff Large & Cory Cosby
All Parties Appearing Remotely
September 25, 2025, 9:00 a.m.

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A P P E A R A N C E S

ON BEHALF OF ASCENT RESOURCES-UTICA, LLC:

Vorys, Sater, Seymour and Pease LLP
52 East Gay Street
Columbus, OH 43215
By Casey Valentine, Esq.
(Via videoconference)

ALSO PRESENT:

Barbara Richardson (Via videoconference)
Bryan Gaetani, Esq. (Via videoconference)
Emily Little (Via videoconference)
Lindsay Hall-Wiist (Via videoconference)
Charles McMillen (Via videoconference)
David Bocanegra (Via videoconference)
Dilyn Delval (Via videoconference)
Joseph Krenger (Via videoconference)
Regina Bryant (Via videoconference)
Jennifer Sims (Via videoconference)
Jennifer Barrett, Esq. (Via videoconference)
Mark Hylton, Esq. (Via videoconference)

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P R O C E E D I N G S

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MR. LARGE: Good morning, everyone. 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. Please identify whether you are an unleased mineral owner, working

interest owner, or an owner with property in the Archie NW WYN JF unit. I would also like this information from anyone who represents any of these persons. We will make note of your name and call upon you when it is time for comments.

So if you have joined us via WebEx, please unmute yourself now and state your name if you would like to make any comments.

Hearing none.

If you have joined us via phone and would like to make comments, please unmute yourself now and state your name.

Hearing none.

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

Mr. Cosby.

MR. COSBY: Today is Thursday, September 25th, 2025. And we are here in the matter of the application of Ascent Resources-Utica, LLC, for the unit operation of the Archie NW WYN JF unit. This hearing before the Ohio Department of Natural Resources, Division of Oil and Gas Resources Management, is convened pursuant to Ohio Revised Code Section 1509.28.

My name is Cory Cosby. And I am a program administrator for the Division. Also with me today is Program Administrator Jeff Large. We are conducting the hearing today and serve as the Chief's designees on this matter.

On August 1st, 2025, Ascent filed with the Division an application for unit operation for a unit that is designated as the Archie NW WYN JF unit. Ascent filed subsequent revisions to the application. The unit is proposed to be located in Jefferson County, Ohio. In its application, Ascent claims to have the mineral rights through voluntary agreements to approximately 336.647 acres of the desired approximate 451.006-acre unit.

The purpose of today's hearing is to determine whether Ascents Archie NW WYN JF unit application meets all of the requirements of Revised Code Section 1509.28. Under this section, the Chief of the Division must issue an order if he determines that the Applicant has shown that, one, the unit is reasonably necessary to increase substantially the ultimate recovery of oil and gas; and two, the estimated additional recovery

from a unit exceeds the additional costs.

Neither the Chief nor any of us here today have made any decisions on Ascent's application. After today's hearing, we will review all of the information provided to us in order to make a determination. We have a court reporter present as well, and we will also have a copy of the transcript of this hearing for review.

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

The hearing will proceed as follows: Ascent will present its witnesses and exhibits and will answer questions posed by the Division staff. Then any unleased mineral owners, working interest owners, and those persons with property included in the proposed Archie NW WYN JF unit will have the opportunity to present questions and concerns

to the Division's staff. And then the Division staff may take a break to determine if there are any additional questions for the Applicant.

To proceed in an orderly fashion, we ask that any interested parties who speak here today pose any questions to the Division and we will then ask any questions to Ascent. Additionally, anyone speaking today will be asked to provide their information to the court reporter. If you are uncomfortable speaking during the hearing, we will also accept written comments.

For purposes of the record, the Division received comments from James Senk on behalf of AMP Fund III, LP. These comments have been included as part of the record for the Archie NW WYN JF unit.

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

MR. VALENTINE: Thank you, Mr. Cosby.

And good morning, everyone. My name is Casey Valentine. And I'm an attorney at the law firm of Vorys, Sater, Seymour and Pease. I'm representing Ascent Resources-Utica, LLC, whom I

will refer to as "Ascent" in today's hearing.

Ascent is requesting a unit order authorizing it to develop the Archie NW WYN JF unit according to the unit plan attached to its application. Ascent and the other consenting working interest owners have oil and gas leases covering over 74 percent of the unit acreage. Ascent plans to develop the unit by drilling one well approximately 19,000 feet in completed lateral length from a pad site located outside the southeast corner of the unit.

Ascent is requesting a unit order because there are tracts in the unit that are owned in whole or in part by an unleased mineral owner or leased in whole or in part to a non-consenting working interest owner.

This morning you will hear testimony from three witnesses: Katie McDonald, a landman; Paul Cooper, a geologist; and Wes McAlister, a reservoir engineer. Their testimony will establish that Ascent meets each of the elements required for a unit order under Revised Code Section 1509.28. We ask the Division to approve Ascent's application and issue the requested unit

order.

We now call our first witness, Katie McDonald.

MR. LARGE: Please swear in the witness.

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KATIE MCDONALD

being first duly sworn, testifies and says as follows:

DIRECT EXAMINATION

BY MR. VALENTINE:

Q. Good morning, Ms. McDonald.

A. Good morning.

Q. Could you please introduce yourself to everyone and describe your educational and professional background?

A. Yes. My name is Katie McDonald. I'm a district landman with Ascent Resources. I received my Bachelor of Business Administration in Energy Management from the University of Oklahoma and my Master of Science in Energy Legal Studies from Oklahoma City University.

I've been with Ascent since September 2023. Prior to working for Ascent, I

worked as a landman for various E&P companies and have nine years of industry experience. Throughout my career, I worked in a number of basins, such as the Utica, Anadarko, Arkoma, Barnett, and Haynesville. I have my registered professional landman certification.

Q. Are you a member of any professional associations?

A. Yes. I'm an active member of the American Association of Professional Landmen and the Oklahoma City Association of Professional Landmen.

Q. And what are your typical job responsibilities at Ascent?

A. My job responsibilities include negotiating lease acquisitions, managing field brokers, handling title matters, and overall horizontal well and unit development.

Q. Are you in charge of overseeing the development of the proposed unit?

A. Yes.

Q. And are there any material updates to Ascent's application since it filed its last and final pre-hearing supplement?

A. Yes. We have entered into a letter agreement with EQT to acquire their interest in the Archie Northwest WYN JF unit, which will be reflected in our post-hearing supplement.

Additionally, we received an unreported release yesterday for a lease covering multiple tracts where AMP Fund III, LP, is the mineral owner. We will adjust our exhibits in our post-hearing supplement as soon as the release becomes of record.

And I just want to note that these revisions I've mentioned will not change the non-unitized economics shown in our final post-hearing supplement.

Q. Thank you. I'm showing you Exhibit D on the screen here, which depicts the proposed unit. Would you mind please giving us a general description of the unit as well as telling us what these different colors mean for the different tracts in the unit?

A. Sure. The Archie Northwest unit is roughly a rectangular area of land located in Wayne and Salem Townships, in Jefferson County, Ohio. The unit is made up of 180 separate tracts

and consists of 451.006 acres in total.

There is one lateral planned in the Archie Northwest unit: The Archie Northwest WYN JF 1H well, which is roughly 19,212 feet in lateral length. The pad will be located outside the southeast corner of the unit, and the lateral will be drilled to the northwest.

The yellow tracts on Exhibit D represent parcels that are 100 percent leased and consenting. The yellow-and-red-hatched tracts on Exhibit D represent parcels that are partially consenting and unleased. The green tracts on Exhibit D represent those tracts that are non-consenting. And the red tracts on Exhibit D represent those tracts that are unleased.

Q. Thank you. What percentage of the working interest in the proposed unit is leased to Ascent and the other consenting working interest owners?

A. Ascent is committing 70.147 percent of the unit, and EAP Ohio, LLC, is committing 4.496 percent. In total, the consenting working interest owners are committing 74.644 percent of the unit.

As I previously mentioned, since submitting our pre-hearing supplement, we have entered into a letter agreement with EQT to acquire their interest in the unit. And their interest will be reflected as committed in our post-hearing supplement.

Q. Have you attempted to negotiate an oil and gas lease with the remaining unleased mineral owners?

A. Yes.

Q. Are there any non-consenting working interest owners in the proposed unit?

A. Yes.

Q. Have you attempted to negotiate an agreement with those non-consenting working interest owners?

A. Yes.

Q. Will you continue to negotiate with those unleased mineral owners and non-consenting parties after the hearing today?

A. Yes, we will. As long as they are willing to work with Ascent.

Q. Turning back to Exhibit D, which I'm showing on the screen, I'm going to focus on this

gray square; it's the location of the well pad. Please tell us what the status of the well pad is?

A. The pad is built.

Q. What gives Ascent the right to locate the well pad at that location?

A. Ascent has obtained a surface use agreement with the surface owner of the pad location as well as all necessary subsurface easements.

Q. If the requested unit order is issued, when does Ascent plan to drill the well?

A. The development of the well is currently planned for the first quarter of 2026.

Q. Ms. McDonald, are you familiar with the provisions of the unit plan, including the operating agreement?

A. Yes.

Q. How are unit costs and production allocated under the unit plan?

A. On a surface acreage basis.

Q. In your experience, is allocating unit costs and production on a surface acreage basis a customary method?

A. Yes.

Q. And under the unit plan, who is it that is obligated to pay the unit costs?
A. The working interest owners.
Q. Does the operating agreement include a non-consent penalty for any non-consenting working interest owners?
A. Yes.
Q. What is that penalty?
A. 500 percent.
Q. In your experience, do you believe that to be a fair non-consent penalty percentage?
A. Yes.
Q. Are you aware of any other operators using a similar non-consent penalty?
A. Yes.
Q. Thank you, Ms. McDonald.
MR. VALENTINE: I have no further questions at this time.
MR. LARGE: Good morning, Ms. McDonald.
THE WITNESS: Good morning.
MR. LARGE: Could you describe what efforts you have taken to identify unknown or undetermined mineral owners?
THE WITNESS: Yes. We take a lot of

different approaches here. But some of our efforts include research of county records, including county recorder and county court documents. Further, where possible, we supplement our review of official county records with genealogical records provided by parties with knowledge of the ownership chain.

MR. LARGE: Okay. If you were to receive a unitization order, can you describe what happens to any payments that would be owed to unknown or undetermined mineral owners under that order?

THE WITNESS: Yes. The royalties would be held in suspense until the ownership could be determined. When the title has been appropriately cured, the revenue will be released to the appropriate owners.

MR. LARGE: Okay. And what is the current average outstanding offer to unleased mineral owners in the proposed unit?

THE WITNESS: The average outstanding offer is approximately $4,824 an acre. And the average outstanding royalty is 18.85 percent.

MR. LARGE: And is that average royalty

based on a net or gross amount?

THE WITNESS: That is a mix between gross and net.

MR. LARGE: And do those offers include surface use?

THE WITNESS: Our standard lease form includes surface use, but we are willing to negotiate nonsurface.

MR. LARGE: And will those offers expire?

THE WITNESS: Our offers are still valid and do not have an expiration date. But any extended offer is only valid for a reasonable amount of time.

MR. LARGE: Okay. And what is the average offer that was accepted by the leased mineral owners in the proposed unit?

THE WITNESS: The average accepted offer was approximately $5,253 an acre. And the average accepted royalty was 18.96 percent.

MR. LARGE: And can you please explain the difference between the current offer and the average accepted offers?

THE WITNESS: Yes. It is likely due to

several reasons, one being the lease terms, such as surface versus nonsurface, when the lease was taken or acquired, and competitor activity.

MR. LARGE: And do you believe your lease attempts have been reasonable? And can you tell me why?

THE WITNESS: Yes. I believe our lease attempts have been reasonable and that our contact log reflects the extensive efforts made to lease all unleased owners.

MR. LARGE: And will you continue attempts to lease the unleased mineral owners after the hearing and after a unitization order is issued, if one is issued?

THE WITNESS: Yes, we will. As long as they are willing to work with Ascent.

MR. LARGE: Okay. And do you believe your attempts to commit non-consenting working interest owners have been reasonable? And if so, why?

THE WITNESS: Yes. I believe that our contact logs will also reflect that. Ascent is actively communicating and negotiating with the working interest owners within the unit.

MR. LARGE: And will you continue your attempts to commit non-consenting working interest owners after today's hearing?

THE WITNESS: Yes, we will. As long as they are willing to work with us on a mutually agreed upon forum and terms.

MR. LARGE: Okay. And do the leases in the unit authorize drilling into and producing from the proposed unitized formations?

THE WITNESS: Yes. All of the leases cover the unitized formation.

MR. LARGE: And to establish bonus and royalty amounts in leases, how are those generally determined?

THE WITNESS: It's a combination of multiple factors, some of which include commodity prices, development timing, when the lease is acquired, estimated well economics, and competitors in the area. When all of these are taken into consideration, we feel that the offers are fair-market offers.

MR. LARGE: Okay. Thank you.

Mr. Cosby, do you have any questions?

MR. COSBY: Yes, just one. And you

kind of mentioned this during your testimony, Ms. McDonald.

We received a comment from AMP Fund III, LP. They stated that the Tracts 152, 154, 155, 156, 157, 158, 159 have been released. Do you have any response to those comments?

THE WITNESS: Yes. I did receive the unrecorded release yesterday. As soon as I receive a recorded release, we will update those tracts in a post-hearing supplement. The release does appear to cover all of AMP Fund III, LP tracts, which are the tracts you mentioned, 152 and 154 through 159. But I'm still working to confirm that's accurate.

MR. COSBY: Thank you. That is all that I have.

MR. LARGE: Thank you.

Mr. Valentine, please call your next witness.

MR. COSBY: Our next witness will be Paul Cooper.

MR. LARGE: Can we please swear in the witness.

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PAUL COOPER

being first duly sworn, testifies and says as follows:

DIRECT EXAMINATION

BY MR. VALENTINE:

Q. Good morning, Mr. Cooper.

A. Good morning, Casey.

Good morning, everyone.

Q. Could you please introduce yourself to the Division and describe your educational and professional background.

A. Certainly. My name is Paul Cooper. I'm a geologist at Ascent Resources. I have been with Ascent the last 11 years. So I have 11 years of Appalachian operator experience.

Prior to my position at Ascent, I worked for about seven years as a well site geology contractor, providing geological consulting services on drilling rigs in various basins for various operators in the U.S., including within the Appalachian Basin.

And I have a Bachelor of Science in Geology from Virginia Tech.

Q. Are you a member of any professional associations?
A. Yes, I am. I'm a member of the American Association of Petroleum Geologists.
Q. What are your typical job responsibilities at Ascent?
A. In general, a geologist at an oil and gas company is responsible for the acquisition, curation, quality control, and ultimately the interpretation of the company's subsurface data for various uses within the company for effectively exploiting their resource.

Specifically, something I might do, for example, would be, like, this hearing. Interpreting the subsurface around the unit area to determine if it qualifies as part of a larger pool.
Q. Thank you. And I'm going to ask you some questions regarding whether the unitized formation underlying the proposed unit is a pool or a part of a pool. To begin, what subsurface depths is Ascent seeking to unitized?
A. We are looking to unitize the entirety of the Utica Shale.

Q. And as a geologist, how do you define the term "pool"?
A. A pool would be an area of the subsurface that has similar rock and reservoir characteristics, you know, rock type, mineralogy, porosity, permeability, but most importantly, a shared accumulation of hydrocarbons in quantities sufficient for economic extraction.
Q. Did you evaluate the subsurface beneath the proposed unit?
A. I did.
Q. Could you please tell us what information you reviewed and analyzed during your evaluation?
A. Of course. The primary data source for an evaluation of this type would be well log data. Specifically, logs that have complete penetration of the entirety of the Utica Shale and a requisite suite of logs over it that can be used to generate a petrophysical model, ideally tied to real rock core data, which we also have at Ascent.
Additionally, I look at things like structure. One of the exhibits will show a general structure map, but you might have 3-D

seismic in the area for a much better, clearer picture of what the structure looks like. Just anything that you might -- any data source of the subsurface that you might use to determine if there is any significant change under the unit area.

Q. Thank you. I am showing Exhibit F on the screen right here. Would you mind describing to everyone what information is depicted in this exhibit?

A. Sure. This is the structure map I mentioned. This is a map of the subsea depth of the top of the Point Pleasant interval of the Utica, so the depth below sea level.

The purple crosses on the map represent the data used to generate it. Those are wells that have penetrated the Point Pleasant and have at least some data that could be used to identify that top. Typically most of these are other horizontal wells that at least had, like, an MWD gamma ray for picking that top.

The point of showing something like this is to show the relatively regular contour intervals over the unit area, illustrating that

there is no interpretation of significant structure over that area, so over this entire map area -- so an area much larger than that unit. You can see a gentle, about a degree to the southeast, dip.

Also illustrated here are the orange dots connected schematically across the unit area. Those represent the two closest vertical pilot wells that had a suite of electric logs over the entirety of the Utica. As I mentioned, that's the primary data source for an analysis of this type. Those happen to be the two closest wells, which I have illustrated in the subsequent exhibit, the cross-section exhibit. But there are many more wells that meet that criteria in this area that went into this evaluation.

Q. Let's turn to that cross-section you mentioned, which is Exhibit E I'm showing now on the screen.

A. Yes.

Q. Just like you did for Exhibit F, please describe the information that is depicted in this exhibit.

A. Yes. So this is just a simple two-well

cross-section; the two closest to the unit area. The point of showing something like this is to show the limited amount of change over an area much larger than the unit area. So you can see at the top there the distance from each well to the Archie unit. You know, a total distance between them of more than ten miles, significantly larger than the unit area.

And what we see when we look at the log curve character from well to well, without getting too into the weeds of what gamma ray and deep resistivity actually mean, you can see remarkably similar character from well to well over this significant distance. So no reason to interpret -- or no evidence leading to an interpretation of any kind of significant lithology or reservoir change from well to well over an area significantly larger than the unit area.

Additionally, what is shown here -- the horizontal lines from well to well are lines of formation correlation. So illustrated here: the top of the Utica in brown; the top of the Point Pleasant interval of the Utica in orange; and the

base of the Utica, also known as the top of the Trenton, in purple. Just showing remarkably consistent thickness over the unit area as well.

Based on all these factors, there is not a strong reason to interpret that the area under that unit area isn't a part of a significantly larger pool.

Q. And I believe this is what you just testified to, but just to be clear, based on your evaluation and including these exhibits and your evaluation as a whole, do you believe the unitized formation underlying the proposed unit is a pool or part of a pool?

A. Yes, I do.

Q. Based on the characteristics of the unitized formation, is allocating unit production and costs on a surface acreage basis appropriate in this case?

A. I believe it is.

Q. Can you please explain why?

A. Based on the limited amount of observable change, you could say, for example, that an acre at the northern end of the unit would be similar in reservoir quality or value to an

acre at the southern end of the unit. So there is no reason why surface area would not be an appropriate allocation method.

Q. Thank you, Mr. Cooper.

MR. VALENTINE: I have no further questions for you at this time.

THE WITNESS: Thank you, Casey.

MR. LARGE: Good morning, Mr. Cooper.

THE WITNESS: Good morning.

MR. LARGE: Could you tell me, what is the anticipated true vertical depth of the horizontal portion of the wellbore?

THE WITNESS: Yes, sir. We anticipate landing the wellbore at 9,125 feet true vertical depth.

MR. LARGE: And what is the anticipated true vertical depth of the top of the Utica, the Point Pleasant, and the Trenton formations?

THE WITNESS: We anticipate encountering the top of the Utica at 8,941 feet, the top of the Point Pleasant at 9,060 feet, and the top of the Trenton or base of the Utica at 9,184 feet.

MR. LARGE: And do you expect any

production from outside the Point Pleasant formation?

THE WITNESS: Yes, sir, we do. Most of the production will come from the Point Pleasant interval. But over the lifetime of the wells, some production will come from the Upper Utica above it.

MR. LARGE: Okay. Thank you.

Mr. Cosby, do you have any questions?

MR. COSBY: I do not. Thank you, though.

MR. LARGE: Thank you.

Mr. Valentine, please call your next witness.

MR. COSBY: Our last witness this morning will be Wes McAlister.

MR. LARGE: And can we please swear in the witness.

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WES MCALISTER

being first duly sworn, testifies and says as follows:

DIRECT EXAMINATION

BY MR. VALENTINE:

Q. Good morning, Mr. McAlister.
A. Good morning, Casey.
Q. Could you please introduce yourself to the Division and describe your educational and professional background.
A. Yeah. My name is Wes McAlister. And I'm a reservoir engineer here at Ascent Resources. I graduated from the University of Oklahoma with a bachelor's degree in Petroleum Engineering, and I've also earned my MBA.

I have 14 years of experience in total as a petroleum engineer, and this includes three years as an operations engineer and 11 years as the reservoir engineer.

Q. Are you a member of any professional associations?
A. Yes. I am a member of the Society of Petroleum Engineers.
Q. And what are your typical job responsibilities at Ascent?
A. My primary job responsibility includes forecasting well performance for future wells and existing producing wells. And we use those forecasts along with other inputs, such as lease

operating expense, to forecast cash flow for each well.

Q. Could you please tell us a bit about your process for forecasting well performance?

A. Yeah. So we group analogous wells from the areas we call "type curves." In order to do this work, we work closely with our geology team to group producing wells based on similar rock and fluid properties and well performance. Using this group of analogous wells in the type curve area, we are able to generate an expected production profile for an undrilled well location.

Q. Did you forecast well performance for the proposed unit under a unitized operating scenario and a non-unitized operating scenario?

A. Yes, I did.

Q. Could you please tell us, how much production did you forecast in the unitized operating scenario?

A. 34.908 BCFe.

Q. And how much production did you forecast in the non-unitized operating scenario?

A. 0.731 BCFe.

Q. So if I'm reading the tables correctly,

the estimated additional recovery obtained in the unitized operating scenario is this 34.177 BCFe?

A. Yes. That is correct.

Q. Mr. McAlister, would Ascent still drill the well in the non-unitized scenario?

A. No, we would not.

Q. So in reality, is the true difference in the estimated additional recovery the full 34.908 BCFe because Ascent would not drill the well in the non-unitized scenario?

A. Yes, it is.

Q. Your colleague, Ms. McDonald, testified earlier that Ascent has entered into a letter agreement with a non-consenting working interest owner, EQT, to acquire its interest. She also testified that she recently obtained an unrecorded lease covering multiple tracts in the unit owned by AMP Fund III, LP.

When Ascent files a post-hearing supplement to incorporate both of these updates, will the amount of production that you forecasted in the non-unitized scenario change?

A. No, it will not.

Q. And is that because all of the tracts

affected by these updates are located at the northern end of the unit? And in the non-unitized scenario, would Ascent have to stop drilling the well right about here at this buffer?

A. Sorry. Yeah, that is correct. You are correct.

Q. Thank you, Mr. McAlister. For argument's sake, let's stick with the 34.177 BCFe as the estimated additional recovery in the unitized scenario. Do you consider 34.177 BCFe to be a substantial amount of production?

A. Yes. 34.177 BCFe is a substantial amount of production. And to justify the statement, if we had a reserve change of this magnitude, we would have to account for this all the way up to the top level of management here at Ascent.

Q. In your opinion, is an order for unit operations reasonably necessary to increase substantially the ultimate recovery from the proposed unit?

A. Yes, it is.

Q. Now, what is the anticipated value of that additional 34.177 BCFe?

A. So we show the value in the bottom table using two different discount rates, zero percent and 10 percent. The first is PV0, which is the present value of all future expected cash flows undiscounted. And the PV0 value for this 34.177 BCFe is $49.887 million.

The PV10 column uses the same future cash flows as PV0, but with an annual discount rate of 10 percent. And the PV10 value is $23.826 million.

Q. Given those large PV0 and PV10 values, does the value of the estimated additional hydrocarbons produced exceed the estimated additional cost needed to produce them?

A. Yes, it does.

Q. And last question: Your colleague, Ms. McDonald, testified earlier that the well pad for the proposed unit is already constructed. When you calculated the figures in these economic tables, how did you account for well pad costs?

A. Yeah. So since the well pad is already built, I used actual pad costs.

Q. Thank you, Mr. McAlister.

MR. VALENTINE: Those are all the

questions that I have for you.

THE WITNESS: Thank you.

MR. LARGE: Good morning, Mr. McAlister.

THE WITNESS: Good morning, Jeff.

MR. LARGE: Could you tell me what the estimated economic life of the well is in years?

THE WITNESS: We used a 50-year run life.

MR. LARGE: And could you tell me what price was used in your calculations?

THE WITNESS: Yeah. I used a four-year strip price dated June 30th, 2025. And then I kept that last year flat and ran that out for the life of the well. And that last-year pricing is $3.81 per MCF.

MR. LARGE: And could you tell me the estimated payout of the well at one time, one-and-a-half times, two times, and three times?

THE WITNESS: Yes. These estimates are based on undiscounted future cash flows. The payout at one times is 1.1 years, one-and-a-half times is 1.8 years, two times is 3.1 years, three times is 8.5 years.

MR. LARGE: And how many total wells will be drilled from this pad?

THE WITNESS: Eight total wells will be on this pad.

MR. LARGE: Okay. And there were no existing wells, correct?

THE WITNESS: There are existing wells.

MR. LARGE: Okay. So with that, have you factored in costs for shutdowns of the existing wells due to simultaneous operations?

THE WITNESS: That will not be factored into the Archie Northwest well. That will not be calculated as part of that. I will handle that separately, just as part of operating expenses throughout the field.

MR. LARGE: And how are pad costs accounted for in your calculations?

THE WITNESS: Okay. So we take the total cost of the pad and divide it by the total number of wells we expect on the pad. And that gives us an average pad cost per well.

MR. LARGE: And what amount was included for plugging and restoration costs in your economic calculations per well?

THE WITNESS: $250,000 per well. And this includes plugging and abandonment costs, the costs for pad reclamation, and any salvage value the well may have.

MR. LARGE: Okay. And could you tell me the estimated BCFe per 1,000 feet?

THE WITNESS: Yes. 1.82 BCFe per 1,000 feet.

MR. LARGE: And last question for me: What is the estimated recovery factor in this area?

THE WITNESS: Generally, around 55 percent recovery factor for this area.

MR. LARGE: Thank you.

Mr. Cosby, do you have any other questions?

MR. COSBY: Yes. I have one question for you, sir.

Your application does not call out any existing wells. Do you know which wells are existing in this unit?

THE WITNESS: Yeah.

MR. COSBY: And I understand if you don't have that in hand.

MR. VALENTINE: If I could interject, Mr. Cosby, there are no existing wells within the proposed unit. There are existing wells toward -- off the well's pad.

MR. COSBY: Thank you for the clarification. I appreciate that.

That is all.

THE WITNESS: I'm sorry I missed that.

MR. COSBY: Thank you.

MR. LARGE: So once again, if you would like to make comments, I'm first going to take all your names and note whether you are an unleased mineral owner, working interest owner, or an owner with property in the unit.

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

So if you have joined us via WebEx and would like to make any comments, please unmute

yourself now and state your name.

Hearing none.

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

Hearing none.

Mr. Cosby, do you have any additional questions for the Applicant?

MR. COSBY: No, I do not.

MR. LARGE: And does the Applicant have any closing remarks?

MR. VALENTINE: We do not. Thank you all for your time this morning.

MR. LARGE: Thank you, everyone.

With that, the hearing is now concluded.

- - - - -

Thereupon, the foregoing proceedings concluded at 9:37 a.m.

- - - - -

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

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

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

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

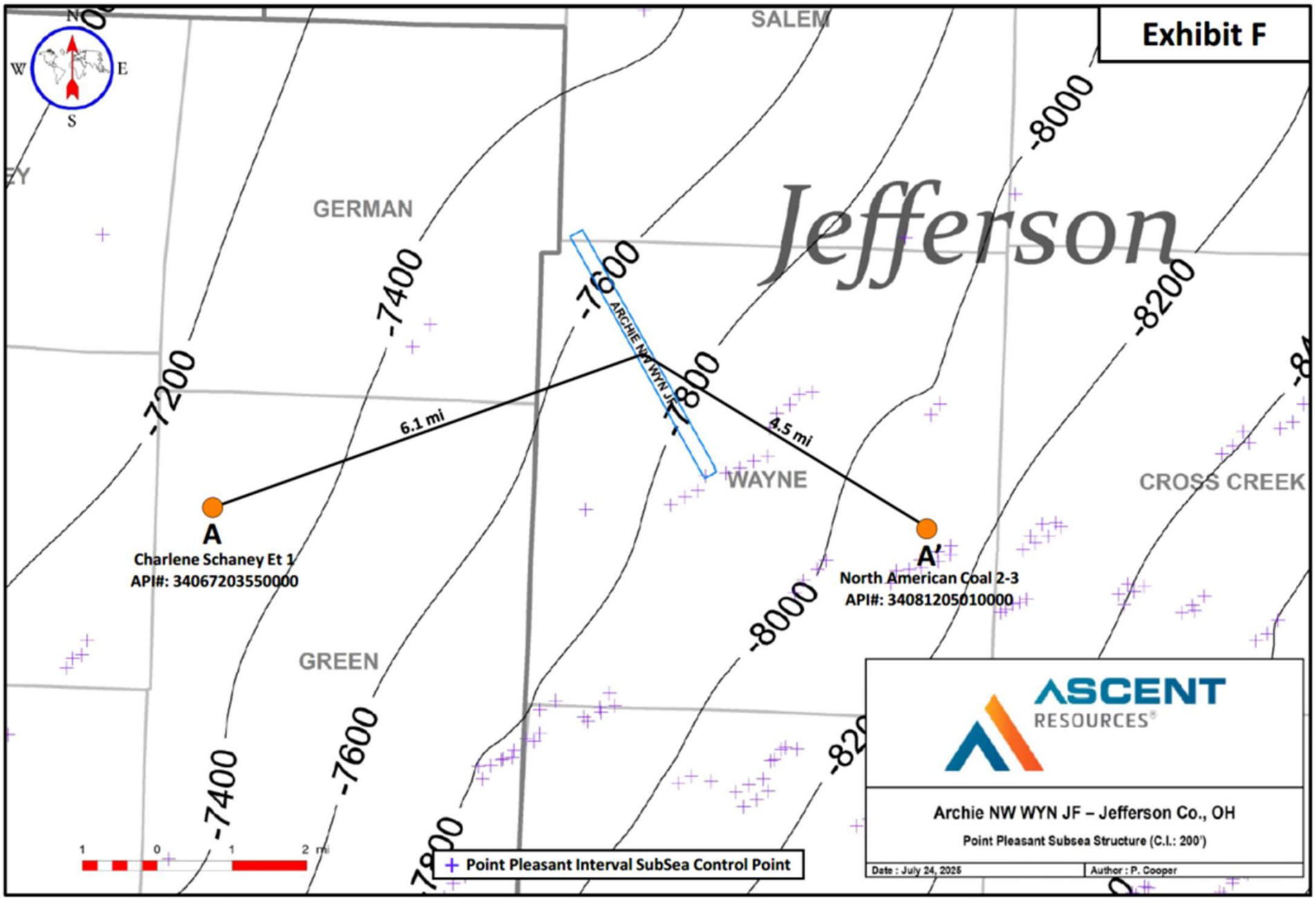


Bridget Mary Hoye, Notary Public - State of Ohio
My commission expires April 14, 2030.

Vorys, Sater, Seymour and Pease LLP
Greg D. Russell, Mark A. Hylton, and Casey Valentine
Attorneys for Applicant

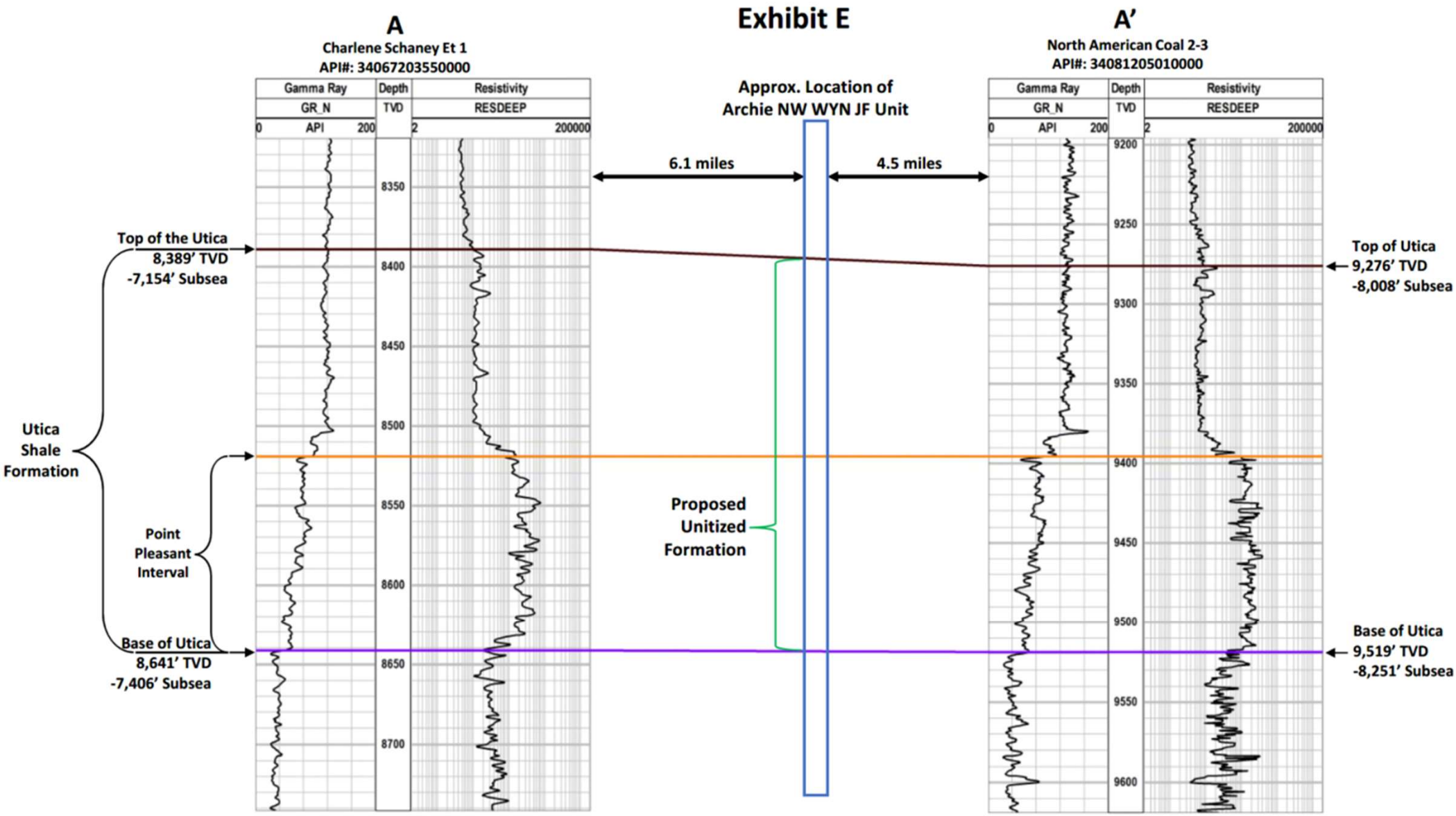
ARCHIE NW WYN JF UNIT

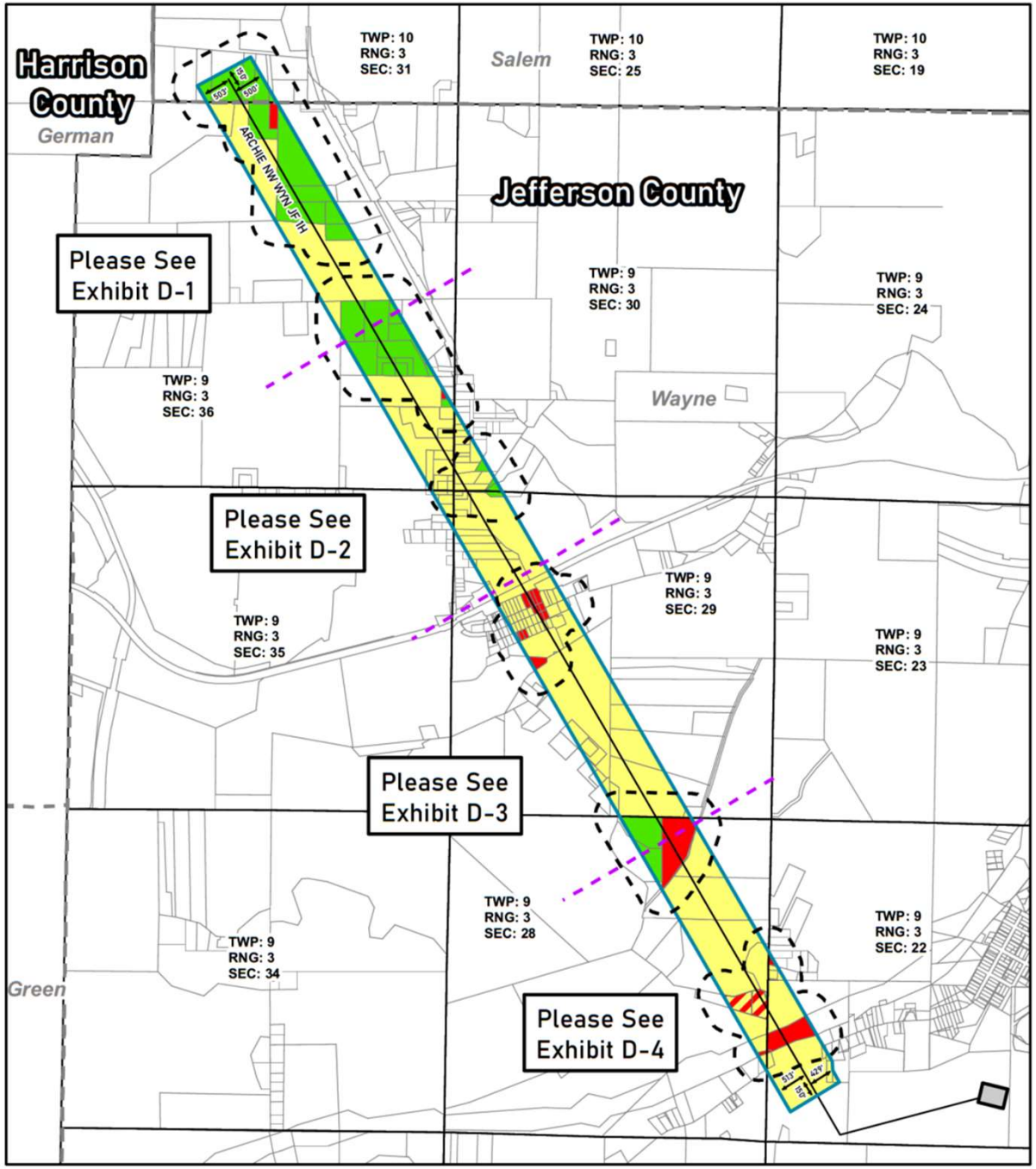
Application for Unit Operations


Exhibit F
SALEM
GERMAN
Jefferson
WAYNE
CROSS CREEK
GREEN
-7200
-7400
-7600
-7800
-8000
-8200
ARCHIE NW WYN JF
6.1 mi
4.5 mi
A
Charlene Schaney Et 1
API#: 34067203550000
A'
North American Coal 2-3
API#: 34081205010000
1 0 1 2 mi
Point Pleasant Interval SubSea Control Point
ASCENT RESOURCES
Archie NW WYN JF – Jefferson Co., OH
Point Pleasant Subsea Structure (C.I.: 200')
Date : July 24, 2025
Author : P. Cooper

ASCENT RESOURCES®

Exhibit E





Revised 9/18/2025

ARCHIE NW WYN JF
EXHIBIT D: Well Plat

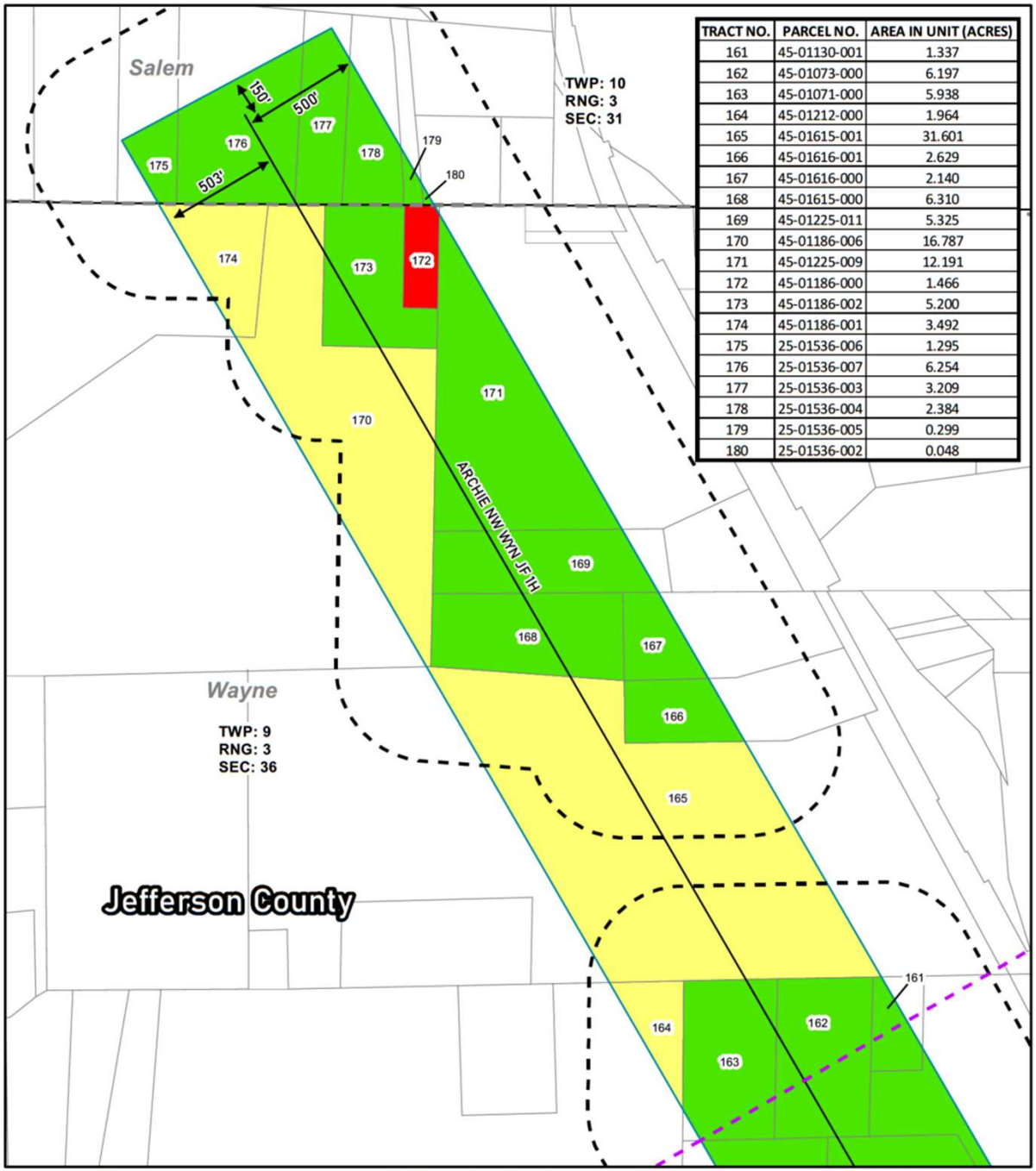
0 850 1,700 3,400 5,100 6,800 Feet

1 INCH = 1,700 ft.

NAD 1983 StatePlane Ohio South FIPS 3402

- Archie NW WYN JF Unit - 451.006 Ac.
- Pad
- Buffer - 400 ft.
- Lateral
- Municipal Townships
- PLSS Section
- Consenting Parcels
- Partially Consenting/Unleased
- Non-Consenting Parcels
- Unleased Parcels
- County Boundaries

ASCENT RESOURCES®



TRACT NO.	PARCEL NO.	AREA IN UNIT (ACRES)
161	45-01130-001	1.337
162	45-01073-000	6.197
163	45-01071-000	5.938
164	45-01212-000	1.964
165	45-01615-001	31.601
166	45-01616-001	2.629
167	45-01616-000	2.140
168	45-01615-000	6.310
169	45-01225-011	5.325
170	45-01186-006	16.787
171	45-01225-009	12.191
172	45-01186-000	1.466
173	45-01186-002	5.200
174	45-01186-001	3.492
175	25-01536-006	1.295
176	25-01536-007	6.254
177	25-01536-003	3.209
178	25-01536-004	2.384
179	25-01536-005	0.299
180	25-01536-002	0.048

ASCENT RESOURCES

ARCHIE NW WYN JF
EXHIBIT D-1: Well Plat

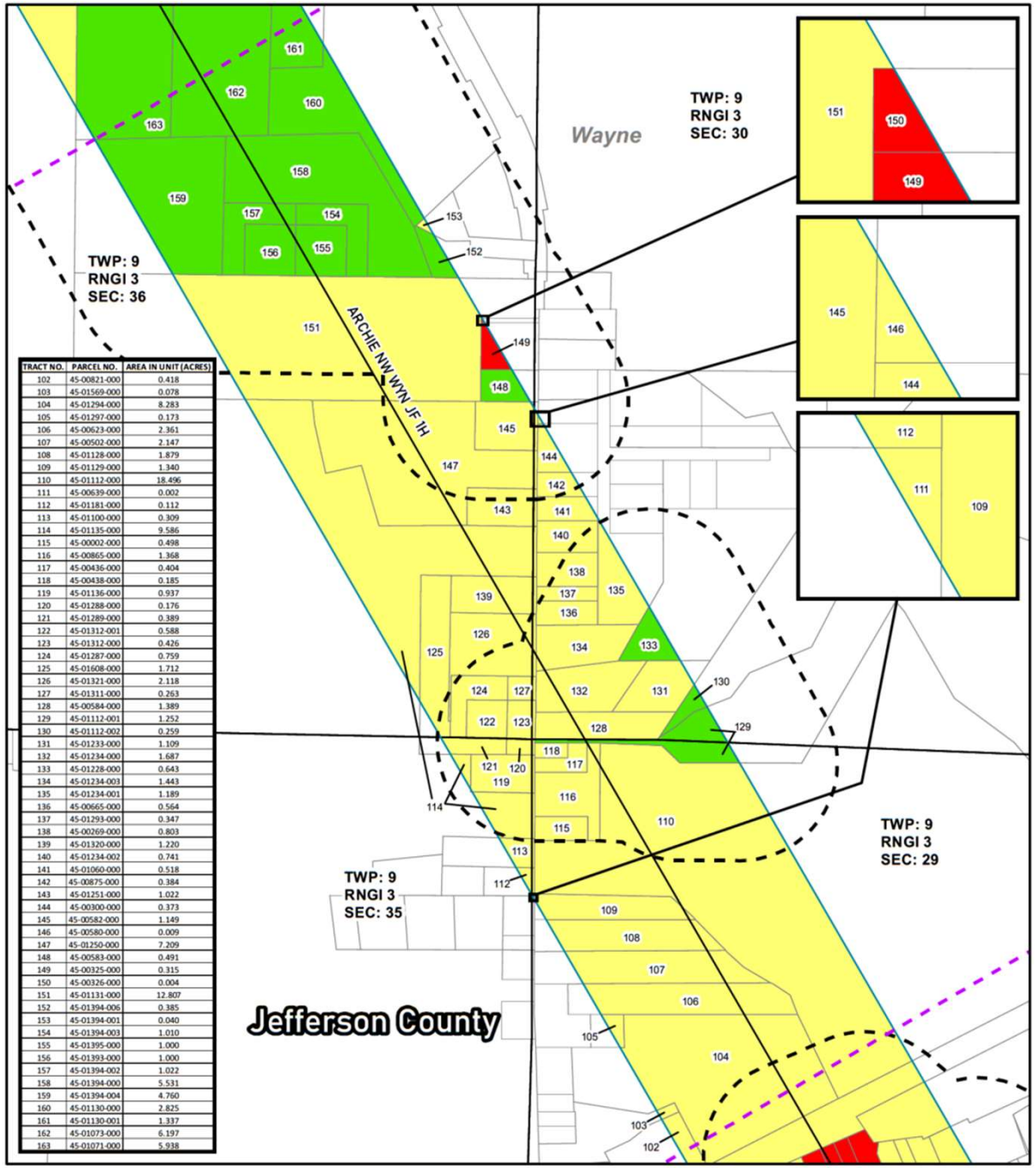
0 220 440 880 1,320 1,760 Feet

1 INCH = 440 ft.

NAD 1983 StatePlane Ohio South FIPS 3402

- Archie NW WYN JF Unit - 451.006 Ac.
- Pad
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- County Boundaries

ASCENT RESOURCES®



TRACT NO.	PARCEL NO.	AREA IN UNIT (ACRES)
102	45-00821-000	0.418
103	45-01569-000	0.078
104	45-01294-000	8.283
105	45-01297-000	0.173
106	45-00623-000	2.361
107	45-00502-000	2.147
108	45-01128-000	1.879
109	45-01129-000	1.340
110	45-01112-000	18.496
111	45-00639-000	0.002
112	45-01181-000	0.112
113	45-01100-000	0.309
114	45-01135-000	9.586
115	45-00002-000	0.498
116	45-00865-000	1.368
117	45-00436-000	0.404
118	45-00438-000	0.185
119	45-01136-000	0.937
120	45-01288-000	0.176
121	45-01289-000	0.389
122	45-01312-001	0.588
123	45-01312-000	0.426
124	45-01287-000	0.759
125	45-01608-000	1.712
126	45-01321-000	2.118
127	45-01311-000	0.263
128	45-00584-000	1.389
129	45-01112-001	1.252
130	45-01112-002	0.259
131	45-01233-000	1.109
132	45-01234-000	1.687
133	45-01228-000	0.643
134	45-01234-003	1.443
135	45-01234-001	1.189
136	45-00665-000	0.564
137	45-01293-000	0.347
138	45-00269-000	0.803
139	45-01320-000	1.220
140	45-01234-002	0.741
141	45-01060-000	0.518
142	45-00875-000	0.384
143	45-01251-000	1.022
144	45-00300-000	0.373
145	45-00582-000	1.149
146	45-00580-000	0.009
147	45-01250-000	7.209
148	45-00583-000	0.491
149	45-00325-000	0.315
150	45-00326-000	0.004
151	45-01131-000	12.807
152	45-01394-006	0.385
153	45-01394-001	0.040
154	45-01394-003	1.010
155	45-01395-000	1.000
156	45-01393-000	1.000
157	45-01394-002	1.022
158	45-01394-000	5.531
159	45-01394-004	4.760
160	45-01130-000	2.825
161	45-01130-001	1.337
162	45-01073-000	6.197
163	45-01071-000	5.938

ASCENT RESOURCES

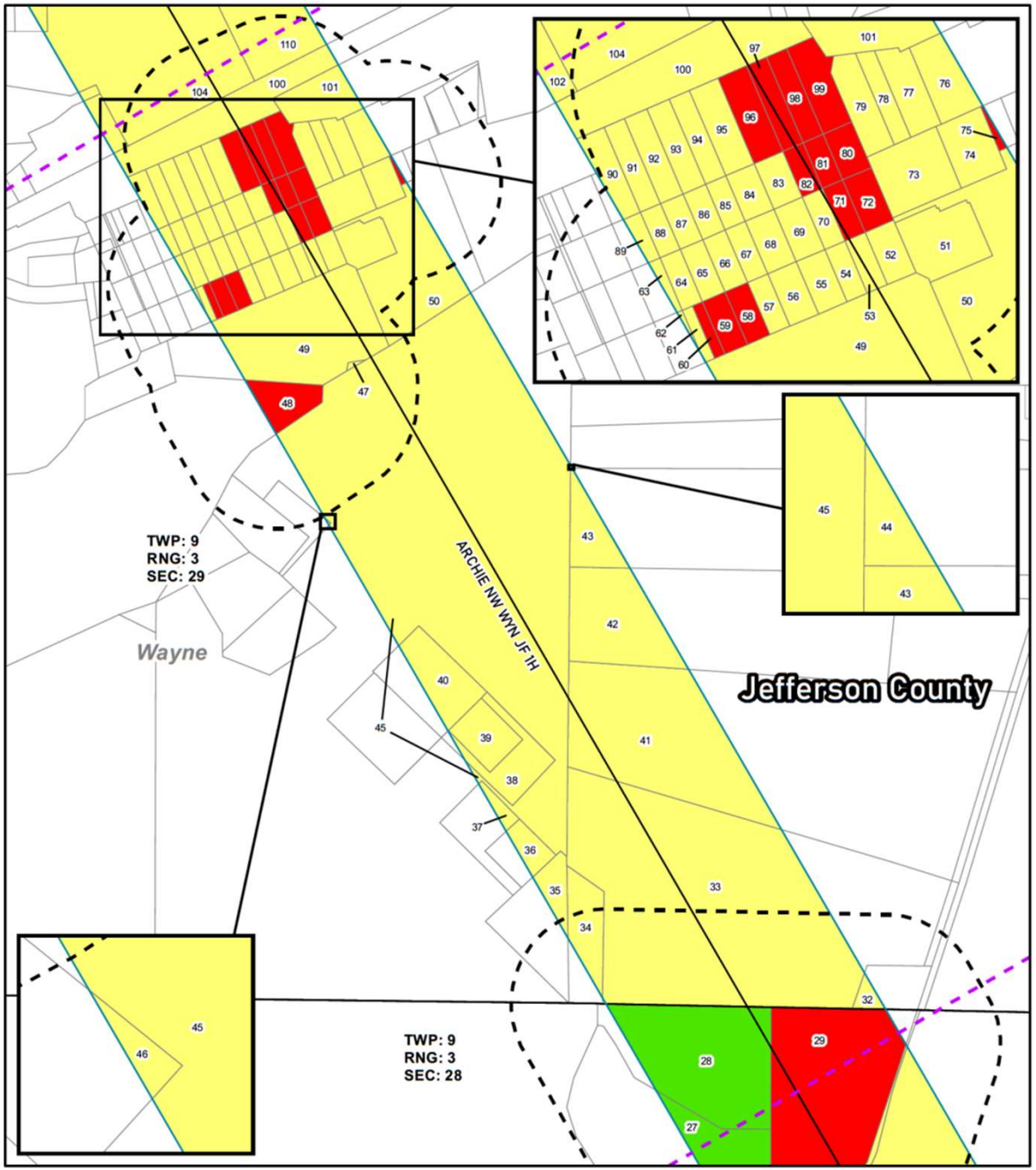
ARCHIE NW WYN JF
EXHIBIT D-2: Well Plat

0 215 430 860 1,290 1,720 Feet

1 INCH = 430 ft.

NAD 1983 StatePlane Ohio South FIPS 3402

- Archie NW WYN JF Unit - 451.006 Ac.
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ARCHIE NW WYN JF
EXHIBIT D-3: Well Plat

0 220 440 880 1,320 1,760 Feet

1 INCH = 440 ft.

NAD 1983 StatePlane Ohio South FIPS 3402

- Archie NW WYN JF Unit - 451.006 Ac.
- Pad
- Buffer - 400 ft.
- Lateral
- Municipal Townships
- PLSS Section
- Consenting Parcels
- Partially Consenting/Unleased
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- County Boundaries

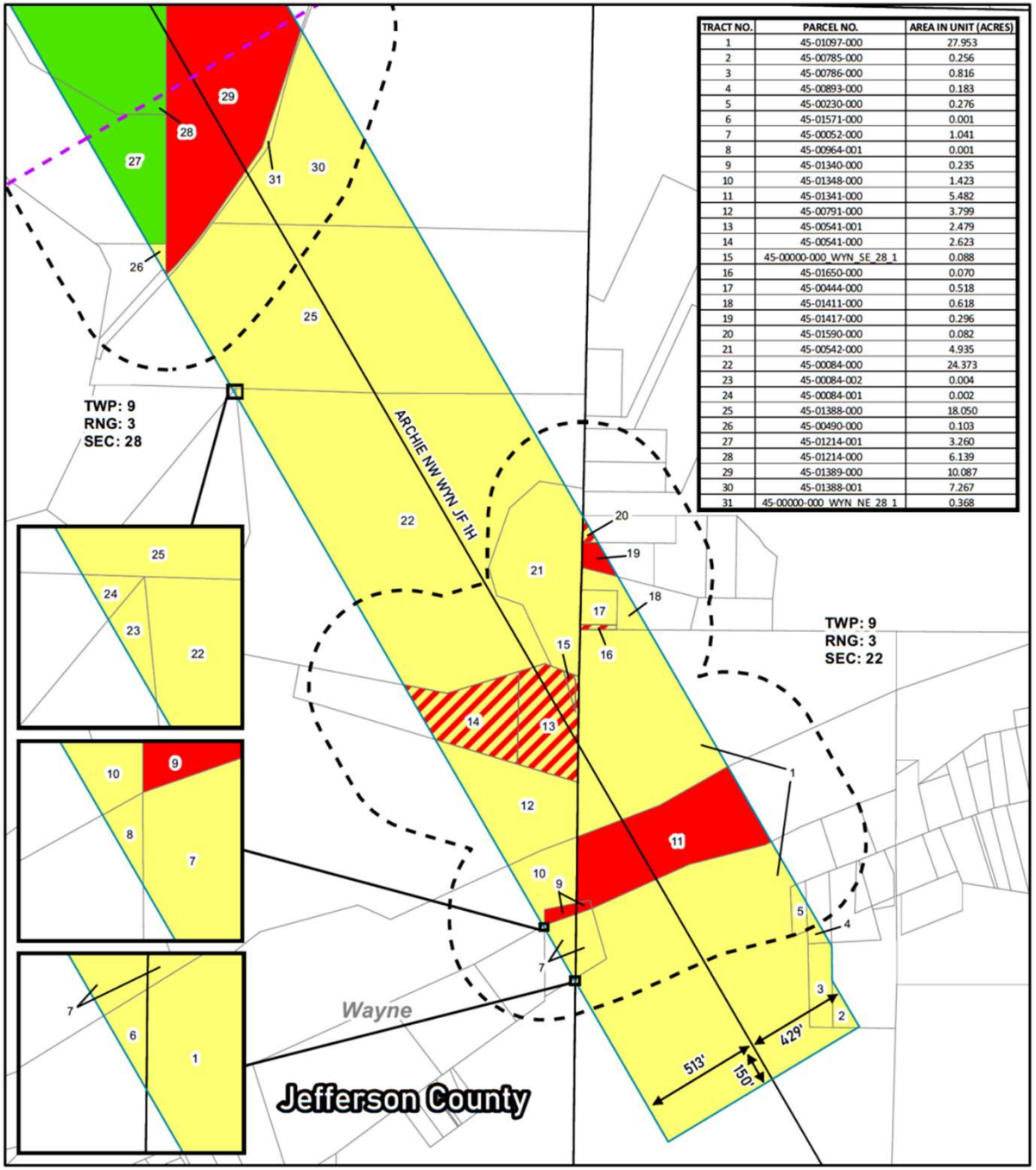
ASCENT RESOURCES®

EXHIBIT D-3 UNIT PARCEL CHART:

TRACT NO.	PARCEL NO.	AREA IN UNIT (ACRES)
27	45-01214-001	3.260
28	45-01214-000	6.139
29	45-01389-000	10.087
32	45-00092-000	0.245
33	45-01522-000	19.855
34	45-00079-000	1.325
35	45-01038-001	0.641
36	45-00044-000	0.534
37	45-00045-000	0.250
38	45-01038-002	1.347
39	45-00456-000	1.124
40	45-01038-003	1.622
41	45-01604-000	8.397
42	45-01603-000	3.551
43	45-01605-000	1.247
44	45-01562-001	0.001
45	45-01038-000	32.932
46	45-01038-005	0.005
47	45-00046-000	0.991
48	45-00567-000	0.032
49	45-00749-000	5.520
50	45-00745-000	3.751
51	45-00971-000	0.856
52	45-00747-000	0.304
53	45-00748-000	0.215
54	45-00296-000	0.215
55	45-00297-000	0.304
56	45-00486-000	0.304
57	45-00487-000	0.215
58	45-00884-000	0.240
59	45-00886-000	0.240
60	45-00887-000	0.107
61	45-00871-000	0.106
62	45-00872-000	0.023
63	45-00050-000	0.090
64	45-00049-000	0.215
65	45-00019-000	0.240
66	45-00573-000	0.240
67	45-00356-000	0.215
68	45-00529-000	0.304
69	45-00862-000	0.304
70	45-00295-000	0.215
71	45-00751-000	0.215
72	45-00750-000	0.304
73	45-00450-000	0.893
74	45-01357-000	0.536
75	45-03027-000	0.046
76	45-00756-000	0.579
77	45-00104-000	0.504
78	45-00103-000	0.305
79	45-00232-000	0.527
80	45-00310-000	0.265
81	45-00311-000	0.187
82	45-00312-000	0.187
83	45-00494-000	0.265
84	45-00775-000	0.265
85	45-00260-000	0.187
86	45-00261-000	0.209
87	45-00013-000	0.209
88	45-00876-000	0.187
89	45-00572-000	0.134
90	45-00861-000	0.345
91	45-00823-000	0.321
92	45-00822-000	0.362
93	45-00027-000	0.365
94	45-00026-000	0.330
95	45-00073-000	0.473
96	45-00309-000	0.479
97	45-00308-000	0.342
98	45-00307-000	0.345
99	45-00306-000	0.506
100	45-00000-000_WYN_NW_29_1	3.141
101	45-00949-000	1.270
102	45-00821-000	0.418
104	45-01294-000	8.283
110	45-01112-000	18.496

ASCENT RESOURCES

ASCENT RESOURCES®



TRACT NO.	PARCEL NO.	AREA IN UNIT (ACRES)
1	45-01097-000	27.953
2	45-00785-000	0.256
3	45-00786-000	0.816
4	45-00893-000	0.183
5	45-00230-000	0.276
6	45-01571-000	0.001
7	45-00052-000	1.041
8	45-00964-001	0.001
9	45-01340-000	0.235
10	45-01348-000	1.423
11	45-01341-000	5.482
12	45-00791-000	3.799
13	45-00541-001	2.479
14	45-00541-000	2.623
15	45-00000-000_WYN_SE_28_1	0.088
16	45-01650-000	0.070
17	45-00444-000	0.518
18	45-01411-000	0.618
19	45-01417-000	0.296
20	45-01590-000	0.082
21	45-00542-000	4.935
22	45-00084-000	24.373
23	45-00084-002	0.004
24	45-00084-001	0.002
25	45-01388-000	18.050
26	45-00490-000	0.103
27	45-01214-001	3.260
28	45-01214-000	6.139
29	45-01389-000	10.087
30	45-01388-001	7.267
31	45-00000-000_WYN_NE_28_1	0.368

ASCENT RESOURCES

ARCHIE NW WYN JF
EXHIBIT D-4: Well Plat

0 220 440 880 1,320 1,760 Feet

1 INCH = 440 ft.

NAD 1983 StatePlane Ohio South FIPS 3402

- Archie NW WYN JF Unit - 451.006 Ac.
- Pad
- Buffer - 400 ft.
- Lateral
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- Partially Consenting/Unleased
- Non-Consenting Parcels
- Unleased Parcels
- County Boundaries

ASCENT RESOURCES®

MASTER UNIT PARCEL CHART:

TRACT NO.	PARCEL NO.	AREA IN UNIT (ACRES)	EXHIBIT	TRACT NO.	PARCEL NO.	AREA IN UNIT (ACRES)	EXHIBIT
1	45-01097-000	27.953	D-4	92	45-00822-000	0.362	D-3
2	45-00785-000	0.256	D-4	93	45-00027-000	0.365	D-3
3	45-00786-000	0.816	D-4	94	45-00026-000	0.330	D-3
4	45-00893-000	0.183	D-4	95	45-00073-000	0.473	D-3
5	45-00230-000	0.276	D-4	96	45-00309-000	0.479	D-3
6	45-01571-000	0.001	D-4	97	45-00308-000	0.342	D-3
7	45-00052-000	1.041	D-4	98	45-00307-000	0.345	D-3
8	45-00964-001	0.001	D-4	99	45-00306-000	0.506	D-3
9	45-01340-000	0.235	D-4	100	45-00000-000_WYN_NW_29_1	3.141	D-3
10	45-01348-000	1.423	D-4	101	45-00949-000	1.270	D-3
11	45-01341-000	5.482	D-4	102	45-00821-000	0.418	D-2/D-3
12	45-00791-000	3.799	D-4	103	45-01569-000	0.078	D-2
13	45-00541-001	2.479	D-4	104	45-01294-000	8.283	D-2/D-3
14	45-00541-000	2.623	D-4	105	45-01297-000	0.173	D-2
15	45-00000-000_WYN_SE_28_1	0.088	D-4	106	45-00623-000	2.361	D-2
16	45-01650-000	0.070	D-4	107	45-00502-000	2.147	D-2
17	45-00444-000	0.518	D-4	108	45-01128-000	1.879	D-2
18	45-01411-000	0.618	D-4	109	45-01129-000	1.340	D-2
19	45-01417-000	0.296	D-4	110	45-01112-000	18.496	D-2/D-3
20	45-01590-000	0.082	D-4	111	45-00639-000	0.002	D-2
21	45-00542-000	4.935	D-4	112	45-01181-000	0.112	D-2
22	45-00084-000	24.373	D-4	113	45-01100-000	0.309	D-2
23	45-00084-002	0.004	D-4	114	45-01135-000	9.586	D-2
24	45-00084-001	0.002	D-4	115	45-00002-000	0.498	D-2
25	45-01388-000	18.050	D-4	116	45-00865-000	1.368	D-2
26	45-00490-000	0.103	D-4	117	45-00436-000	0.404	D-2
27	45-01214-001	3.260	D-3/D-4	118	45-00438-000	0.185	D-2
28	45-01214-000	6.139	D-3/D-4	119	45-01136-000	0.937	D-2
29	45-01389-000	10.087	D-3/D-4	120	45-01288-000	0.176	D-2
30	45-01388-001	7.267	D-4	121	45-01289-000	0.389	D-2
31	45-00000-000_WYN_NE_28_1	0.368	D-4	122	45-01312-001	0.588	D-2
32	45-00092-000	0.245	D-3	123	45-01312-000	0.426	D-2
33	45-01522-000	19.855	D-3	124	45-01287-000	0.759	D-2
34	45-00079-000	1.325	D-3	125	45-01608-000	1.712	D-2
35	45-01038-001	0.641	D-3	126	45-01321-000	2.118	D-2
36	45-00044-000	0.534	D-3	127	45-01311-000	0.263	D-2
37	45-00045-000	0.250	D-3	128	45-00584-000	1.389	D-2
38	45-01038-002	1.347	D-3	129	45-01112-001	1.252	D-2
39	45-00456-000	1.124	D-3	130	45-01112-002	0.259	D-2
40	45-01038-003	1.622	D-3	131	45-01233-000	1.109	D-2
41	45-01604-000	8.397	D-3	132	45-01234-000	1.687	D-2
42	45-01603-000	3.551	D-3	133	45-01228-000	0.643	D-2
43	45-01605-000	1.247	D-3	134	45-01234-003	1.443	D-2
44	45-01562-001	0.001	D-3	135	45-01234-001	1.189	D-2
45	45-01038-000	32.932	D-3	136	45-00665-000	0.564	D-2
46	45-01038-005	0.005	D-3	137	45-01293-000	0.347	D-2
47	45-00046-000	0.991	D-3	138	45-00269-000	0.803	D-2
48	45-00567-000	0.032	D-3	139	45-01320-000	1.220	D-2
49	45-00749-000	5.520	D-3	140	45-01234-002	0.741	D-2
50	45-00745-000	3.751	D-3	141	45-01060-000	0.518	D-2
51	45-00971-000	0.856	D-3	142	45-00875-000	0.384	D-2
52	45-00747-000	0.304	D-3	143	45-01251-000	1.022	D-2
53	45-00748-000	0.215	D-3	144	45-00300-000	0.373	D-2
54	45-00296-000	0.215	D-3	145	45-00582-000	1.149	D-2
55	45-00297-000	0.304	D-3	146	45-00580-000	0.009	D-2
56	45-00486-000	0.304	D-3	147	45-01250-000	7.209	D-2
57	45-00487-000	0.215	D-3	148	45-00583-000	0.491	D-2
58	45-00884-000	0.240	D-3	149	45-00325-000	0.315	D-2
59	45-00886-000	0.240	D-3	150	45-00326-000	0.004	D-2
60	45-00887-000	0.107	D-3	151	45-01131-000	12.807	D-2
61	45-00871-000	0.106	D-3	152	45-01394-006	0.385	D-2
62	45-00872-000	0.023	D-3	153	45-01394-001	0.040	D-2
63	45-00050-000	0.090	D-3	154	45-01394-003	1.010	D-2
64	45-00049-000	0.215	D-3	155	45-01395-000	1.000	D-2
65	45-00019-000	0.240	D-3	156	45-01393-000	1.000	D-2
66	45-00573-000	0.240	D-3	157	45-01394-002	1.022	D-2
67	45-00356-000	0.215	D-3	158	45-01394-000	5.531	D-2
68	45-00529-000	0.304	D-3	159	45-01394-004	4.760	D-2
69	45-00862-000	0.304	D-3	160	45-01130-000	2.825	D-2
70	45-00295-000	0.215	D-3	161	45-01130-001	1.337	D-1/D-2
71	45-00751-000	0.215	D-3	162	45-01073-000	6.197	D-1/D-2
72	45-00750-000	0.304	D-3	163	45-01071-000	5.938	D-1/D-2
73	45-00450-000	0.893	D-3	164	45-01212-000	1.964	D-1
74	45-01357-000	0.536	D-3	165	45-01615-001	31.601	D-1
75	45-03027-000	0.046	D-3	166	45-01616-001	2.629	D-1
76	45-00756-000	0.579	D-3	167	45-01616-000	2.140	D-1
77	45-00104-000	0.504	D-3	168	45-01615-000	6.310	D-1
78	45-00103-000	0.305	D-3	169	45-01225-011	5.325	D-1
79	45-00232-000	0.527	D-3	170	45-01186-006	16.787	D-1
80	45-00310-000	0.265	D-3	171	45-01225-009	12.191	D-1
81	45-00311-000	0.187	D-3	172	45-01186-000	1.466	D-1
82	45-00312-000	0.187	D-3	173	45-01186-002	5.200	D-1
83	45-00494-000	0.265	D-3	174	45-01186-001	3.492	D-1
84	45-00775-000	0.265	D-3	175	25-01536-006	1.295	D-1
85	45-00260-000	0.187	D-3	176	25-01536-007	6.254	D-1
86	45-00261-000	0.209	D-3	177	25-01536-003	3.209	D-1
87	45-00013-000	0.209	D-3	178	25-01536-004	2.384	D-1
88	45-00876-000	0.187	D-3	179	25-01536-005	0.299	D-1
89	45-00572-000	0.134	D-3	180	25-01536-002	0.048	D-1
90	45-00861-000	0.345	D-3		**TOTAL:**	451.006	
91	45-00823-000	0.321	D-3				

ASCENT RESOURCES

Section 5. Economic Calculation Summaries *Required*

Unitized Scenario

Well Name	Lateral Length (ft)	Measured Depth (ft)	Operating Costs (MM$)	Capital Costs (MM$)	Undiscounted Value of Estimated Recovery (MM$)	PV0 (MM$)	PV10 (MM$)	Estimated Gross Recovery (BCFe)
ARCHIE NW WYN JF 1H	19,212	30,762	$33.291	$12.514	$92.417	$45.535	$20.460	34.908
Total:	19,212	30,762	$33.291	$12.514	$92.417	$45.535	$20.460	34.908

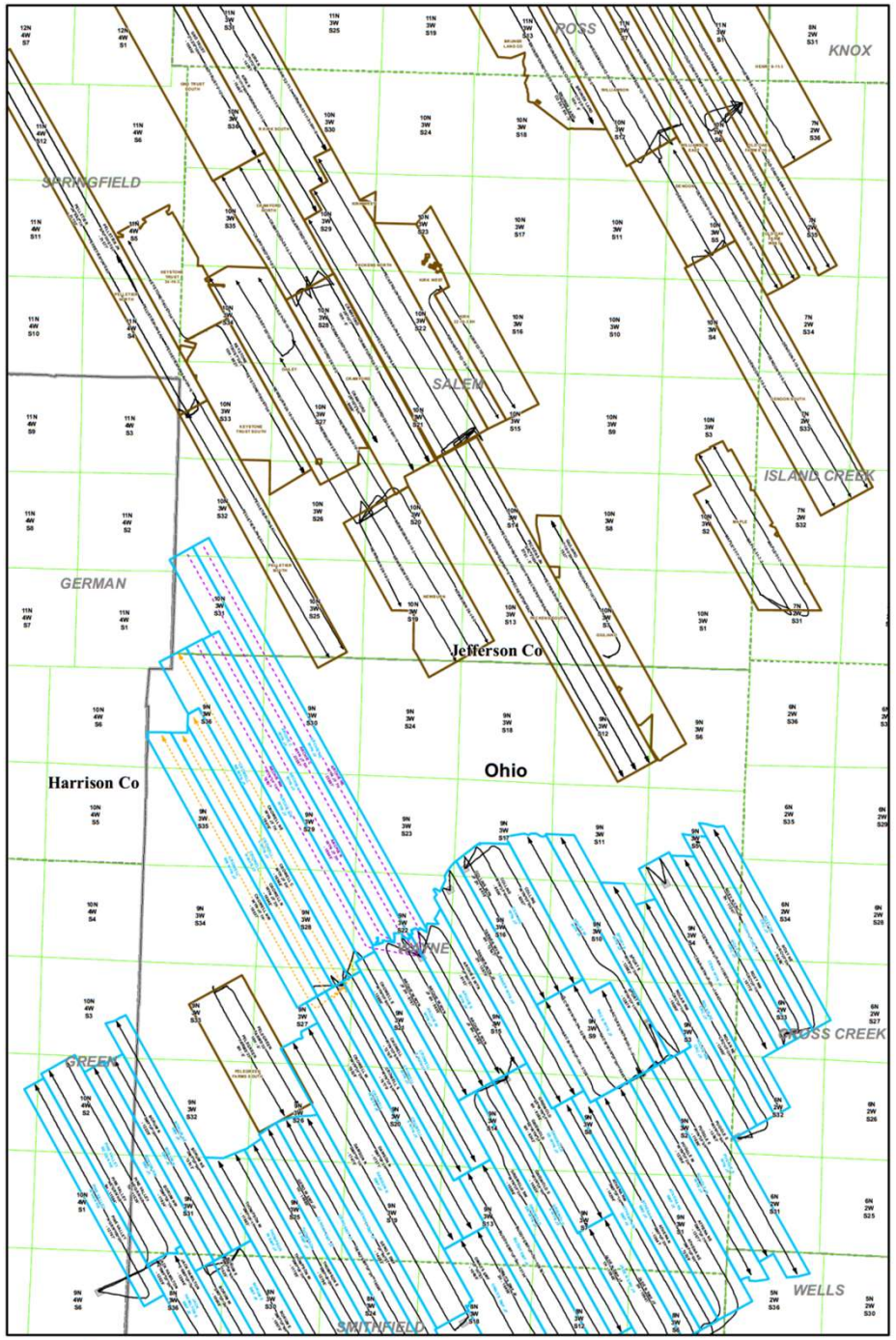
Non-Unitized Scenario

Well Name	Lateral Length (ft)	Measured Depth (ft)	Operating Costs (MM$)	Capital Costs (MM$)	Undiscounted Value of Estimated Recovery (MM$)	PV0 (MM$)	PV10 (MM$)	Estimated Gross Recovery (BCFe)
ARCHIE NW WYN JF 1H	419	11,969	$2.133	$3.902	$1.939	$(4.352)	$(3.366)	0.731
Total:	419	11,969	$2.133	$3.902	$1.939	$(4.352)	$(3.366)	0.731

Difference

Well Name	Lateral Length (ft)	Measured Depth (ft)	Operating Costs (MM$)	Capital Costs (MM$)	Undiscounted Value of Estimated Recovery (MM$)	PV0 (MM$)	PV10 (MM$)	Estimated Gross Recovery (BCFe)
ARCHIE NW WYN JF 1H	18,793	18,793	$31.158	$8.612	$90.478	$49.887	$23.826	34.177
Total:	18,793	18,793	$31.158	$8.612	$90.478	$49.887	$23.826	34.177

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NAD 1927 UTM Zone 17N

ADJACENT UNITS MAP - 1

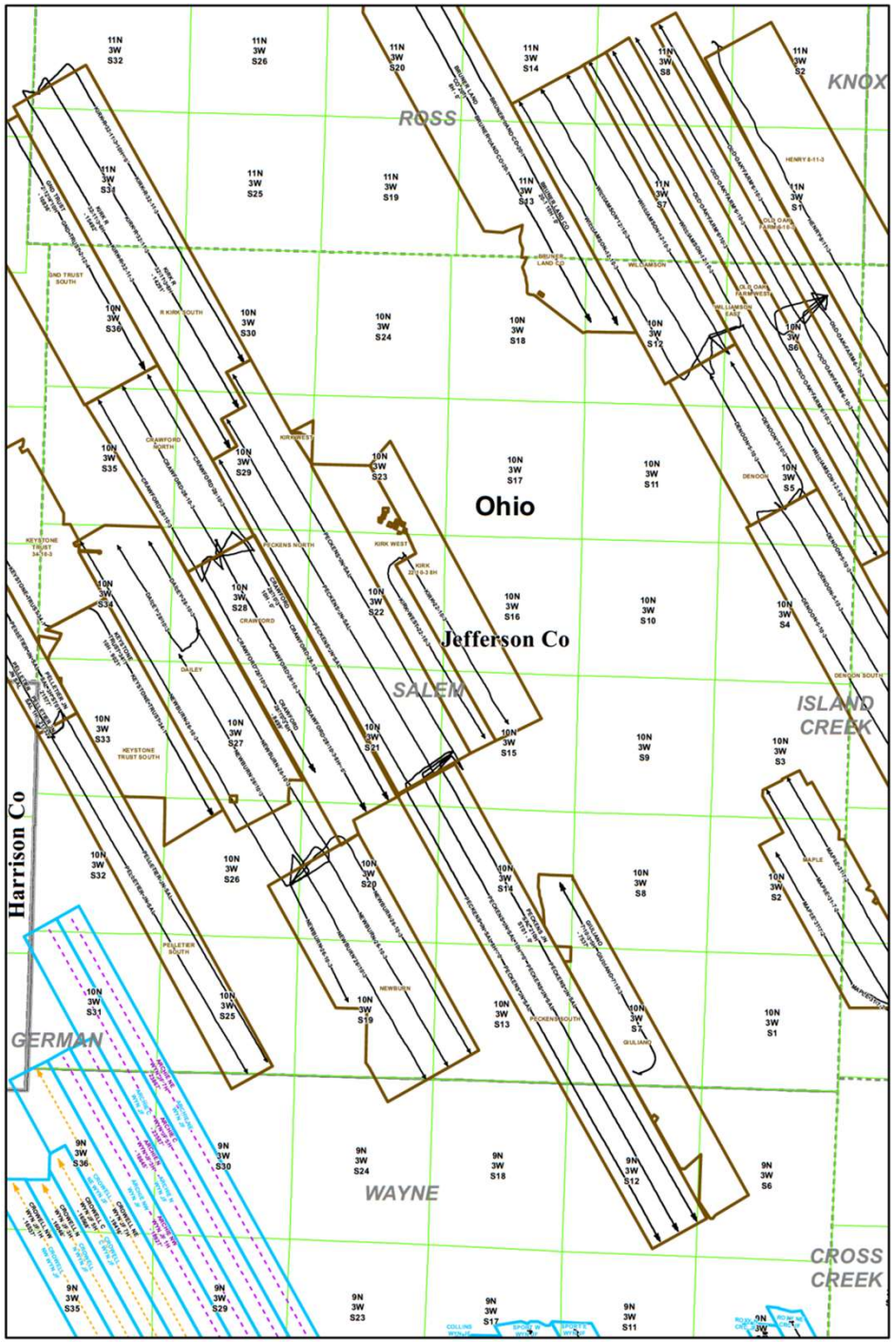
0 0.425 0.85 1.7 2.55 3.4 Miles

1:70,776

Legend

- Working Units
- Non-Applicant Units
- Producing Laterals
- Drilling Laterals
- Proposed Laterals
- PAD
- States
- Counties
- PLSS Section
- Municipal Townships

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NAD 1927 UTM Zone 17N

ADJACENT UNITS MAP - 2

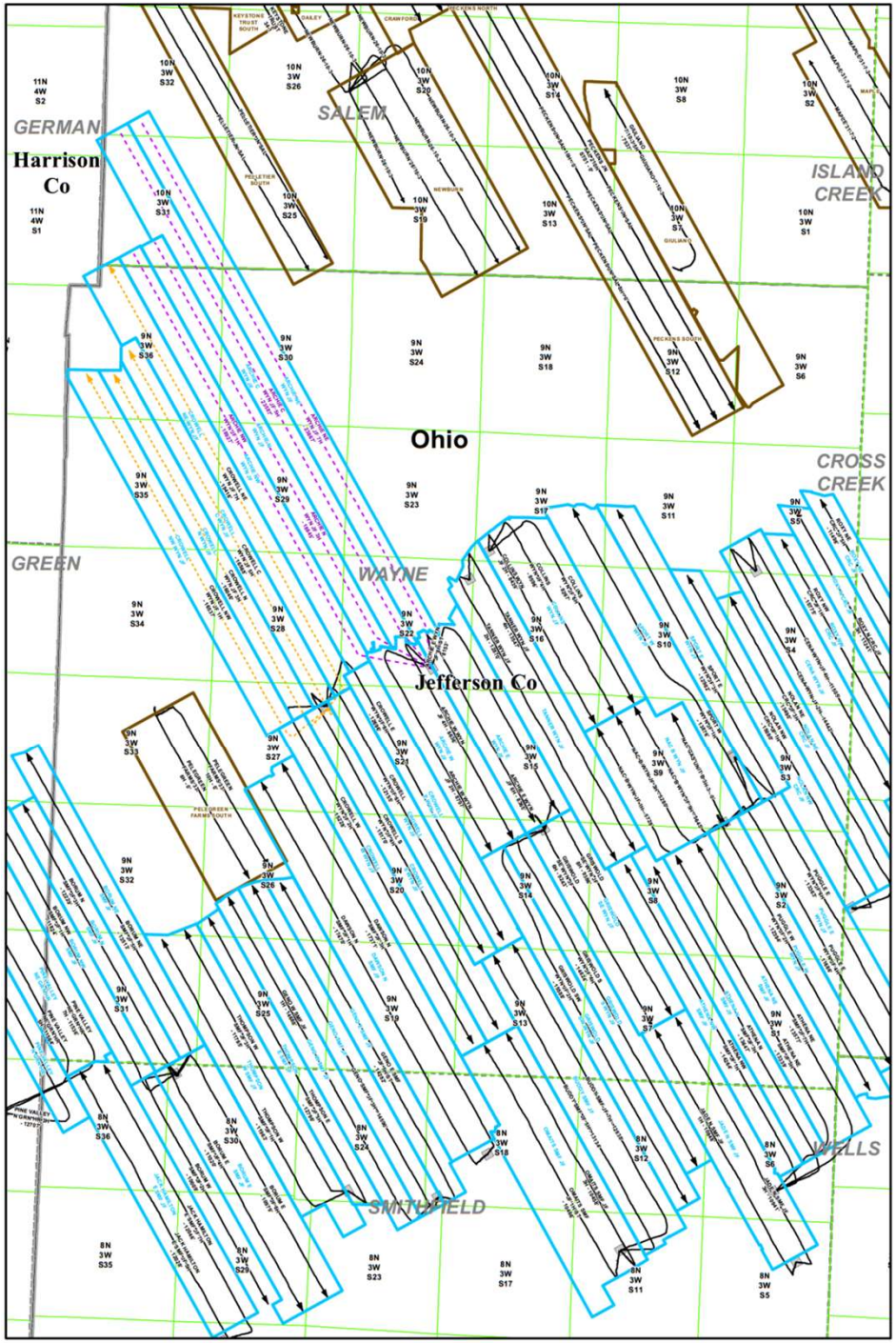
0 0.3 0.6 1.2 1.8 2.4 Miles

1:50,520

Legend

- Working Units
- Non-Applicant Units
- Producing Laterals
- Drilling Laterals
- Proposed Laterals
- PAD
- States
- Counties
- PLSS Section
- Municipal Townships

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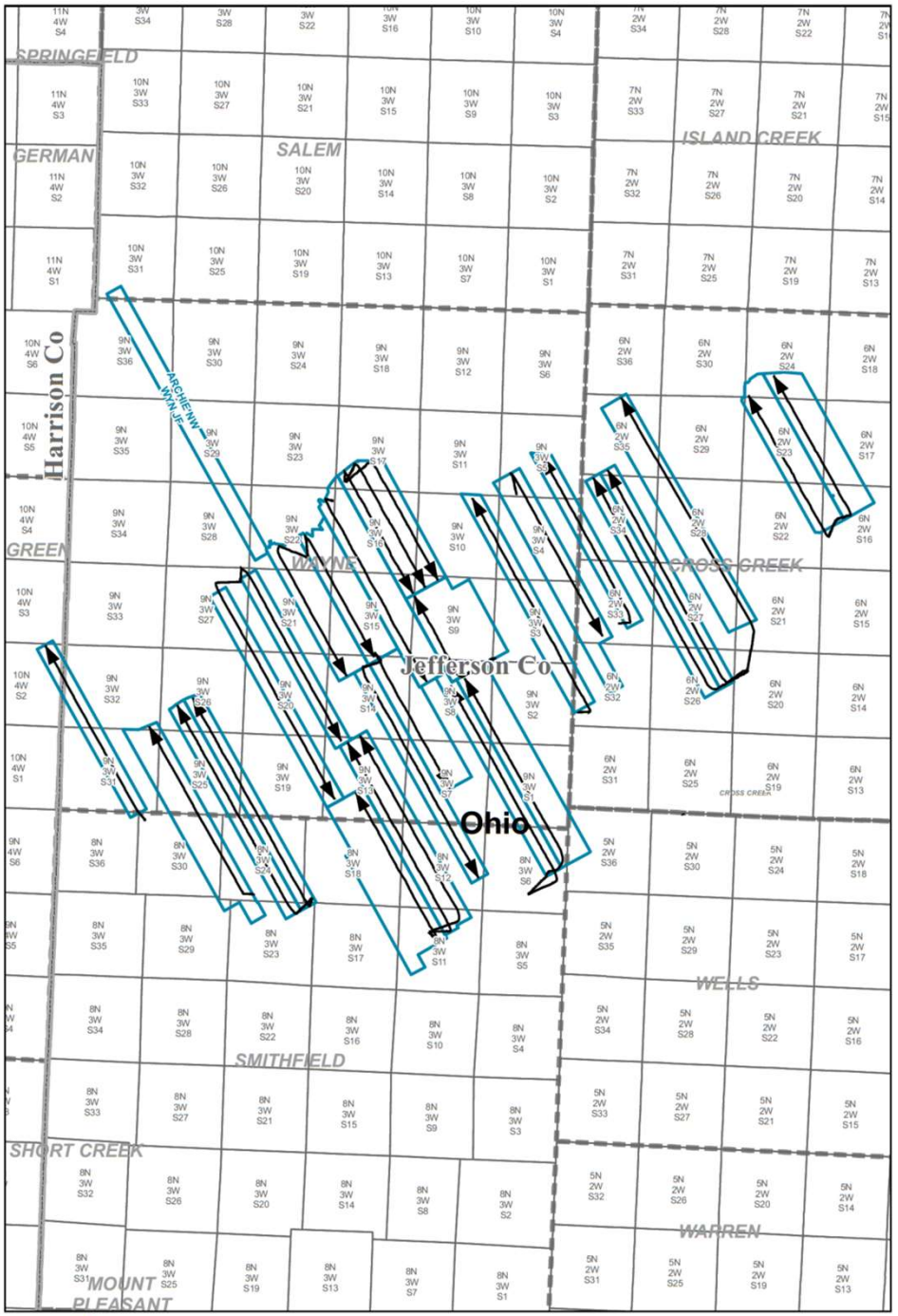
ADJACENT UNITS MAP - 3

0 0.325 0.65 1.3 1.95 2.6 Miles

1:53,435

Legend

- Working Units
- Non-Applicant Units
- Producing Laterals
- Drilling Laterals
- Proposed Laterals
- PAD
- States
- Counties
- PLSS Section
- Municipal Townships



ASCENT RESOURCES

ARCHIE NW WYN JF
EXHIBIT 7: RESERVE CALCULATION

NAD 1927 UTM Zone 17N

0 3,550 7,100 14,200 21,300 28,400 Feet

1 INCH = 7,090 FEET

Legend
- Producing
- ARU Units

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EXHIBIT 7

Archie NW WYN JF Unit – Reserve Calculations Wells List

WELL NAME	API NUMBER	LATERAL LENGTH (ft.)	PRODUCTION START DATE	DISTANCE FROM UNIT (mi.)
ARCHIE E WYN JF 6H	34081208280000	8,361	11/21/2019	1
ARCHIE W WYN JF 2H	34081208270000	8,792	11/21/2019	1
ATHENA N SMF JF 3H	34081209130000	13,355	12/21/2021	3
ATHENA NE SMF JF 5H	34081209140000	13,006	12/21/2021	3
BORUM N SMF JF 3H	34081209200000	11,954	4/15/2022	3
BUDDY SMF JF 5H	34081207990000	13,101	7/24/2019	2
BUDDY SMF JF 7H	34081208000000	12,825	7/24/2019	2
CENA WYN JF 4H	34081208030000	11,490	7/10/2019	3
COLLINS WYN JF 2H	34081207620000	8,279	11/8/2018	1
COLLINS WYN JF 4H	34081207630000	8,596	11/8/2018	1
COLLINS WYN JF 6H	34081207640000	8,241	11/7/2018	1
CROWELL W WYN JF 2H	34081209160000	14,931	10/24/2021	1
CROWELL WYN JF 6H	34081209180000	11,954	10/24/2021	1
GENO E SMF JF 5H	34081207770000	14,230	4/6/2019	2
GENO SMF JF 3H	34081207750000	14,574	4/6/2019	2
GENO W SMF JF 1H	34081207760000	14,659	4/6/2019	2
GORDON N CRC JF 3H	34081207670000	14,970	1/12/2019	4
GORDON NW CRC JF 1H	34081207650000	15,496	1/12/2019	4
GRISWOLD S WYN JF 4H	34081207860000	14,751	7/23/2019	2
GRISWOLD SE WYN JF 6H	34081207850000	9,099	7/23/2019	2
NAC B WYN JF 1H	34081205610000	5,745	1/13/2017	2
NOLAN NW CRC JF 1H	34081207370000	14,965	8/25/2018	2
OMAITS SMF JF 3H	34081208010000	10,435	7/24/2019	3
POINTER N CRC JF 9H	34081209570000	16,424	5/5/2023	4
ROXY N CRC JF 3H	34081208090000	11,425	10/11/2019	3
STONE NE CRC JF 5H	34081206930000	9,659	4/20/2018	6
STONE NW CRC JF 1H	34081206950000	9,659	4/14/2018	6
TANNER WYN JF 2H	34081207700000	12,952	12/1/2018	1
THOMPSON W SMF JF 3H	34081208150000	11,777	2/22/2020	2