

November 30, 2022

Onyx Pad: NW ¼ NW ¼ Section 26, Township 7 North, Range 66 West, 6th P.M.
OGDP Docket #TBD, Form 2A Doc #402971275
Weld County, Colorado

INTRODUCTION

Bayswater Exploration & Production, LLC (“Bayswater”) is providing this Alternative Location Analysis (ALA) Narrative for the Onyx Pad horizontal drilling pad located in the NW¼NW¼ Section 26-7N-66W. The Onyx Pad is being proposed to develop approximately 2,089.1 subsurface mineral acres (described as proposed drilling spacing unit (“DSU”) covering Township 7 North, Range 65 West, 6th P.M., Section 30: All, Township 7 North, Range 66 West, 6th P.M., Section 25: All, Section 26: E½, NE¼NW¼ and overlapping WSU covering Township 7 North, Range 65 West, 6th P.M., Section 30: N½N½, Section 19: S½S½, Township 7 North, Range 66 West, 6th P.M., Section 23: SE¼SW¼, S½SE¼, Section 24: S½S½, Section 25: N½N½, Section 26: NE¼NW¼, N½NE¼) with 12 wells from one location, comprised of approximately 5.5 acres during drilling and completion operations and reducing to 2.2 acres when the wells enter the production phase and interim reclamation is performed. This alternative location analysis is required because the Onyx Pad satisfies the condition of Rule 304.b.(2)B.i; more specifically, and as shown on the attached Location Drawing, there are 3 Residential Building Units (“RBUs”) within 2,000’ of the Working Pad Surface (“WPS”) of Onyx Pad, though no RBU is within 500’ of the WPS.

Bayswater began its alternative location analysis by identifying all potential sites within and adjacent from the DSU from which the targeted minerals in the DSU can be accessed. That first step identified the proposed location and 10 of the 11 alternative sites discussed herein, with 1 additional alternative site analyzed herein at the request of Weld County prior to Bayswater’s pre-application meeting with the County discussed below. After analyzing the 12 potential sites from which the targeted minerals can be accessed, Bayswater determined the proposed location to be the most viable and preferred locations as it presents fewer potential adverse impacts than the alternatives analyzed. Bayswater did not identify any preferable technically feasible alternative locations within or adjacent to the DSU that more successfully avoid potential impacts to receptors. As reflected in the analysis that follows, the proposed siting of the Onyx Pad best achieves the development of the targeted minerals as well as the goal of minimizing or avoiding adverse impacts while considering all possible sites that are technically feasible to access the target minerals.

Proposed Location: Onyx Pad

Lat: 40.551861
Long: -104.75335
Tier III-A

The Onyx Pad, located in Township 7 North, Range 66 West, 6th P.M., Section 26: NW¼NW¼ and will produce minerals located in Township 7 North, Range 65 West, 6th P.M., Section 30: All, Township 7 North, Range 66 West, 6th P.M., Section 25: All, Section 26: E1/2, NE1/4NW1/4. The location is within unincorporated Weld County. The closest municipality is the Town of Eaton, which is over a mile away. Bayswater’s analysis identified the following:

Advantages:

- This location is near existing natural gas and crude oil pipeline gathering systems, the Onyx Federal Wells will be connected at 1st production, which means that traffic, air emissions, dust, and noise impacts from trucking oil are eliminated and gas will not be flared.
- The Onyx Pad location will allow Bayswater to drill all 12 wells to fully develop the Proposed DSU from one surface location, eliminating the need for additional surface locations.
- Once producing the 12 Onyx Federal wells will utilize existing equipment from the offset Leffler 26-A Pad (“Leffler pad”) (Location ID # 433335). The use of a portion of the existing Leffler pad facilities also reduces the necessary acreage needed for the SUA at the proposed Location, minimizing impact to the irrigated crop land.
- Additionally, the Onyx Pad will utilize the existing access road at the Leffler pad, which directs to the paved County Road 33. This mitigates any dust that would be caused by access through a gravel road.
- The Onyx Pad location will be outside the path of the center pivot irrigation system, minimizing disturbances to crop land. Bayswater works collaboratively with landowners and relevant local government (Weld County) to minimize impact of oil and gas on agricultural operations.
- Location is not within or upgradient of a mapped wetland.
- This location has a 1041 WOGLA submitted and pending.
- There is a Surface Use Agreement (SUA) for this location.
- Bayswater will have access to electrical power at this proposed site that will provide power to some portion of the production facility, which will reduce noise and air emission impacts.
- Bayswater is able to source and deliver fresh water to the location for the completion operations via temporary lay-flat pipelines, which will significantly reduce the emissions and other impacts associated with truck traffic.
- There are no High Occupancy Buildings (HOBUs), School Facilities, or Child Care Centers within 2,000’ of the WPS.
- Location will allow for all wells to be located further than 150’ from all property lines and will not require obtaining a waiver.
- Location will allow for the plugging and abandonment of 6-8 older, low producing horizontal wells, as well as 2-6 vertical wells.
- Bayswater’s best in class Best Management Practices (“BMPs”) allow for mitigation of potential impacts to receptors within 2000’.
- Location is not within a High Priority Habitat (“HPH”).
- There is not a DIC within 2000’.

Disadvantages:

- There are 3 RBUs within 2,000’ of the WPS. However, Bayswater anticipates receiving written, informed consent from the owners and tenants (five individuals in total) of these 3 RBUs.

Potential impacts to health, safety, welfare, wildlife, and the environment related to the development of this location:

There are potential impacts to the RBU receptors within 2,000’ of this location’s WPS, including impacts from light, noise, odor, and air emissions. Each of these impacts, however, will be addressed through best-in-class BMPs and specific mitigation measures that will avoid or minimize the impacts to these receptors. Wildlife and environment concerns are anticipated to be minimal as the location is outside of high priority habitat and is not immediately adjacent to any major environmental or water features, such as wetlands.

COGCC Permitting Considerations:

The Onyx Pad OGD is not anticipated to require any variances from COGCC Rules. However, there are 3 RBUs within 2,000' of the WPS. Bayswater anticipates pursuing an exception to Rule 604.b. by satisfying the condition in Rule 604.b.(1), whereby the Residential Building Unit owners and tenants within 2,000' of the Working Pad Surface explicitly agree with informed consent to the proposed Oil and Gas Location. If, however, Operator does not obtain written informed consent of the RBU owners and tenants within 2,000' of the WPS, Bayswater intends to satisfy Rule 604.b. by demonstrating to the Commission, at a hearing, that the Onyx Pad location with its proposed Best Management Practices and conditions of approval will provide substantially equivalent protections for public health, safety, welfare, the environment, and wildlife resources, including Disproportionately Impacted Communities, in accordance with Rule 604.b.(4). A Notice of Proposed Oil and Gas Activity Near Your Residence letter will be sent to all building unit owners and occupants within 2,000' of the location. Included with the letter will be a Consultation Form along with copies of the COGCC Fact Sheet: Oil and Gas within 2,000 Feet dated 11/20/2019, the COGA Fact Sheet: CDPHE 2019 Health Study dated 11/27/2019, and the Onyx Pad Notification Zone Drawing.

COGCC staff member Laurel Faber attended the 1041 WOGLA pre-application meeting discussed below and did not identify impediments to proposing development at the proposed location. COGCC staff further did not identify any additional locations other than the ones analyzed herein for Bayswater to evaluate.

Local Permitting Considerations

This location has a 1041 WOGLA submitted. Prior to the 1041 WOGLA's approval, this proposed Location and multiple alternatives were reviewed by the Relevant Local Government, Weld County, as well as by a COGCC representative, Lauren Faber, at the WOGLA Pre-Application Meeting held on 04/06/2022. No participant at the in the 1041 WOGLA pre-application meeting, including COGCC, identified any impediments to proposing development at the proposed location.

Weld County staff stated the following in its written 1041 WOGLA Pre-Application Meeting notes:

- "COGCC was satisfied with the Alternative siting analysis provided and did not have specific questions on any additional sites."
- "No one participating in the pre-application meeting identified anything that would prevent Bayswater from submitting the application for the proposed location, nor did they identify anything that would prohibit such development."

Alternate Location #1

Lat: 40.552796

Long: -104.753319

Tier III-B

Alternate Location #1, located in Township 7 North, Range 66 West, 6th P.M., Section 26: NW¼NW¼ This location is in an active, approved Oil and Gas Location, the Leffler Pad (Location ID # 433335) in unincorporated Weld County. Bayswater's analysis identified the following:

Advantages:

- This location is an active Oil and Gas Location that has natural gas and crude oil pipeline gathering systems, and other exiting facilities that could be partially utilized.

- Location is not within HPH.
- Location is not within or upgradient of a mapped wetland.
- There is not a DIC within 2000'.

Disadvantages:

- There are 5-7 RBUs within 2,000' of the estimated WPS, including 2 RBUs within 500'-1000' of the estimated WPS.
- Inability to fit 12 wells, separators and flowlines onto existing location without temporarily abandoning the existing producing Leffler wells for an extended period during drilling and completion operations for the Onyx Federal wells, which is uneconomic, detrimental to long term well production, a delays royalty payment to mineral owners in the existing wells.
- The additional 12 Onyx Federal wells would have significant downhole anticollision issues with existing wellbores due to surface hole proximity to existing wells.
- Bringing an additional 12 wells onto the cramped existing location increases safety concerns in the subsurface during the drilling phase, and on the surface during the production phase.
- There is potential for new wells or equipment to be within 200' from buildings, public roads, or 150' from an above ground utility. Due to limited space within the existing location, wells would likely need to be within 200' of Weld County Road 33, or within 150' of overhead Xcel lines to the north.
- Bayswater does not believe it could obtain informed consent from the residents and tenants within 2,000' of the WPS, as new separators and compressors would be located closer to those RBUs at the proposed location.

Potential impacts to public health, safety, welfare, the environment and wildlife resources:

There are potential impacts from oil and gas development operations to receptors within 2,000' of the WPS, including impacts from light, noise, odor, and air emissions. While Bayswater would strive to avoid, minimize, and mitigate these impacts, the cramped nature of the location would make it difficult or impossible for Bayswater to employ some of the Best Management Practices it will employ at the proposed location, if approved, such as any additional temporary or permanent internal sound walls, stormwater and erosion controls, construction. There are safety concerns in mobilizing a drilling rig and drilling 12 additional horizontal wells in such close proximity to existing, producing wells and facilities.

COGCC Permitting Considerations:

Bayswater does not believe it could obtain informed consent from all residents and tenants within 2,000' of the WPS, as new separators and compressors would be located closer to those RBUs than the proposed location.

Local Permitting Considerations:

A 1041 WOGLA would be required as there would be major changes to the current location.

Alternate Location #2

Lat: 40.54962

Long: -104.762518

Tier II-B

Alternate Location #2 was identified by Weld County in their pre-application process and was added to this analysis at the County's request. Alternate location #2, located in Township 7 North, Range 66 West, 6th P.M., Section 27: NE¼. The location is in unincorporated Weld County. Bayswater's analysis identified the following:

Advantages:

- There are no School Facilities, Child Care Centers, RBUs or High Occupancy Buildings (HOBUs) within 2,000' of the WPS.
- Location is not within HPH.
- There is not a DIC within 2000'.

Disadvantages:

- It is technically infeasible to drill the Onyx Federal wells from this Location due to the extended reach of more than 1 mile to the landing point in addition to the 2.5 mile laterals that would be required for the drilling rig, which is more than a mile for the furthest wells to fully develop the proposed DSU.
- This location is not near any existing natural gas and crude oil pipeline gathering systems and will not be able to utilize existing equipment from an offset pad, increasing the surface footprint from the proposed location.
- The subsurface area between this Location and the DSU is already extremely crowded; there are roughly 32 horizontal wellbores, creating anti-collision issues that will be impossible to safely drill and operate all 12 wells from this location.
- Location is upgradient of a mapped wetland.
- In order to minimize impact to the pivot irrigate farmland, there is a possibility for potential wells to be within 150' of the property line to the west, and accordingly an exception would be required, which Bayswater feels it would not be able to obtain from the offsetting landowner.
- This location is within a center pivot irrigated field and would disrupt future use as croplands. Bayswater works collaboratively with landowners and relevant local government (Weld County) to avoid impacts of oil and gas on agricultural operations, and this location limits future agricultural activity.
- Unlike the proposed location, this alternate location would not allow Bayswater to plug and abandon 6-8 older, low producing horizontal wells.

Potential impacts to public health, safety, welfare, the environment and wildlife resources:

There are potential impacts from oil and gas development operations, including impacts from light, noise, odor, and air emissions. This location is pivot irrigated cropland, use of which would be disruptive to current agricultural operations; and while Bayswater would strive to avoid, minimize, and mitigate these impacts, the distance of this location from the DSU would make it difficult or impossible for Bayswater to safely develop the entire DSU. It would be difficult to employ some of the Best Management Practices it will employ at the proposed location, if approved, such as connection to crude oil pipeline to reduce emission, traffic and dust.

COGCC Permitting Considerations:

To minimize impact to the pivot-irrigate farmland, there is a possibility for potential wells to be within 150' of the property line to the west, and accordingly an exception would be required, which Bayswater feels it would not be able to obtain from the offsetting landowner. Location would likely require a waiver to COGCC Rule 1202.a.(3) due to situating new staging, refueling, or chemical storage areas within 500 feet of the Ordinary High-Water Mark ("OHWM") of any river, perennial, or intermittent stream, lake, pond, or wetland.

Local Permitting Considerations:

A 1041 WOGLA would be required, Bayswater would expect pushback due to impacts on agriculture.

Alternate Location #3

Lat: 40.554175

Long: -104.744655

Tier I-A

Alternate Location #3, located in Township 7 North, Range 66 West, 6th P.M., Section 23: SE¼SW¼, SW¼SE¼. This location is in unincorporated Weld County. Bayswater's analysis identified the following:

Advantages:

- There are no School Facilities, Child Care Centers, RBUs or High Occupancy Buildings (HOBUs) within 2,000' of the WPS.
- Location is not within HPH.
- Location is not within or upgradient of a mapped wetland.
- There is not a DIC within 2000'.

Disadvantages:

- Use of this land is center pivot irrigated cropland. Use of this location would require farmer to discontinue use of the center pivot, and possibly use of remainder of field for cropland, unless converted to flood irrigation. Bayswater works collaboratively with landowners and relevant local government (Weld County) to avoid impacts of oil and gas on agricultural operations.
- There is an underground irrigation line running from the NW to the SE that feeds both the surface owner's center pivot irrigation system, then runs under the farm road to supply irrigation systems on neighboring farms. Use of this location would permanently disrupt the surface owner's agricultural operations, as well as disrupt the flow of water to agricultural operations to the South and East of the location. Bayswater works collaboratively with landowners and relevant local government (Weld County) to avoid impacts of oil and gas on agricultural operations, and this location limits future agricultural activity.
- This location is near existing natural gas and crude oil pipeline gathering systems, however, the above-mentioned underground irrigation lines, above ground Xcel lines to the south and concrete irrigation ditches to the south would make it difficult to build pipelines to this location.
- The Surface Owner is not amenable to a SUA, as the proposed location would require removal of the center pivot.
- It is likely that wells would need to be placed within 150' of a property line to the south, and accordingly an exception would be required, which Bayswater feels it would not be able to obtain from the offsetting landowner, due to proximity of operations, and potential impacts to operations. Further, the offsetting landowner receives no benefit from oil and gas operations that are disruptive to their agricultural operations.
- Unlike the proposed location, this alternate location would not allow Bayswater to plug and abandon 6-8 older, low producing horizontal wells.

Potential impacts to public health, safety, welfare, the environment and wildlife resources:

There are potential impacts from oil and gas development operations, including impacts from light, noise, odor, and air emissions. While Bayswater would strive to avoid, minimize, and mitigate these impacts, the large amount of existing agricultural infrastructure around the location would make it difficult or impossible for



Bayswater to employ some of the Best Management Practices it will employ at the proposed location, if approved, such as connecting to existing natural gas and crude oil pipelines at 1st production.

COGCC Permitting Considerations:

It is likely that wells would need to be placed within 150' of a property line to the south, and accordingly an exception would be required, which Bayswater feels it would not be able to obtain from the offsetting landowner, due to proximity of operations, and potential impacts to operations. Further, the offsetting landowner receives no benefit from oil and gas operations that are disruptive to their agricultural operations. Additionally, because an SUA is improbable, a surface owner protection bond under Rule 704 would be required.

Local Permitting Considerations:

A 1041 WOGLA would be required, Bayswater would expect pushback due to impacts on agriculture.

Alternate Location #4

Lat: 40.552563

Long: -104.745704

Tier I-B

Alternate Location #4, located in Township 7 North, Range 66 West, 6th P.M., Section 26: NE¼NW¼. This location is in unincorporated Weld County. Bayswater's analysis identified the following:

Advantages:

- There are no School Facilities, Child Care Centers, RBUs or High Occupancy Buildings (HOBUs) within 2,000 of the WPS.
- Location is not within HPH.
- Location is not within or upgradient of a mapped wetland.
- There is not a DIC within 2000'.

Disadvantages:

- This location is not large enough for all 12 proposed wells and production facilities, the DSU could not be fully developed from a single location, requiring the need for an additional location, further increasing cumulative impacts to the area.
- There are four offset water wells and an irrigation pond that are currently utilized for farming. The surface owner has concerns about disruption and damage to these water wells and pond as flowline and access roads would have to cross over and bore under the pond.
- This location is near existing natural gas and crude oil pipeline gathering systems, however, the underground irrigation lines, water wells, above ground Xcel lines to the south and concrete irrigation ditches to the North and east would make it difficult to build pipelines to this location.
- There are overhead Xcel powerlines that would need to be buried, and a large portion of a concrete irrigation ditch that would have to be removed and buried after the growing season as not to disrupt irrigation to multiple farms.
- There is not sufficient space on the surface owner's road for access, so a separate right of way would need to be executed with the offset landowner, which would also need to be widened and impede on their farming operations.

- It is likely that wells would need to be placed within 150' of a property line to the north or east, and accordingly an exception would be required, which Bayswater feels it would not be able to obtain from the offsetting landowner, due to proximity of operations, and potential impacts to operations. Further, the offsetting landowner receives no benefit from oil and gas operations that are disruptive to their agricultural operations.
- Unlike the proposed location, this alternate location would not allow Bayswater to plug and abandon 6-8 older, low producing horizontal wells.

Potential impacts to public health, safety, welfare, the environment and wildlife resources:

There are potential impacts from oil and gas development operations, including impacts from light, noise, odor, and air emissions. While Bayswater would strive to avoid, minimize, and mitigate these impacts, the large amount of existing agricultural infrastructure around the location would make it difficult or impossible for Bayswater to employ some of the Best Management Practices it will employ at the proposed location, if approved, such as connecting to existing natural gas and crude oil pipelines at 1st production. Moreover, the environmental disturbance is greater with this location because of the necessity to bury the overhead Xcel power lines, remove a large portion of a concrete irrigation ditch, and access road issues that would remove land from agricultural uses.

COGCC Permitting Considerations:

It is likely that wells would need to be placed within 150' of a property line to the north or east, and accordingly an exception would be required, which Bayswater feels it would not be able to obtain from the offsetting landowner, due to proximity of operations, and potential impacts to operations. Further, the offsetting landowner receives no benefit from oil and gas operations that are disruptive to their agricultural operations.

Local Permitting Considerations

A 1041 WOGLA would be required, Bayswater would expect pushback due to impacts on agriculture.

Alternate Location #5

Lat: 40.551818

Long: -104.743644

Tier I-B

Alternate Location #5, located in Township 7 North, Range 66 West, 6th P.M., Section 26: NW¼NE¼. This location is in unincorporated Weld County. Bayswater's analysis identified the following:

Advantages:

- There are no School Facilities, Child Care Centers, RBUs or High Occupancy Buildings (HOBUs) within 2,000' of the WPS.
- Location is not within HPH.
- Location is not within or upgradient of a mapped wetland.
- There is not a DIC within 2000'.

Disadvantages:

- The only viable way to access this location would be a new road directly offsetting a RBU that is not owned by the surface owner, and this individual would experience a significant increase in impacts of noise, dust, and emissions from truck traffic.
- Because this location is not large enough for all 12 proposed wells and production facilities, the DSU could not be fully developed from this location.
- Full development of the DSU from this location would require use of multiple tracts, with disparate ownership, requiring multiple SUAs, access agreements and waivers. It is infeasible to get all surface owners aligned with Bayswater's proposed development.
- This location would disrupt a center pivot irrigation system. Bayswater works collaboratively with landowners and relevant local government (Weld County) to avoid impacts of oil and gas on agricultural operations, and this location limits future agricultural activity.
- This location would disrupt feedlot operations.
- This location is near existing natural gas and crude oil pipeline gathering systems, however, the limited access and existing agricultural operations would make it difficult to build pipelines to this location.
- There is no SUA and Bayswater does not believe one could be executed given the above disadvantages.
- Due to the small size of the location, it is likely that wells would need to be placed within 150' of a property line to the north, west or south, and accordingly an exception would be required, which Bayswater feels it would not be able to obtain from the offsetting landowner, due to proximity of operations, and potential impacts to operations. Further, the offsetting landowner receives no benefit from oil and gas operations that are disruptive to their agricultural operations.
- Unlike the proposed location, this alternate location would not allow Bayswater to plug and abandon 6-8 older, low producing horizontal wells.

Potential impacts to public health, safety, welfare, the environment and wildlife resources:

There are potential impacts from oil and gas development operations, including impacts from light, noise, odor, and air emissions. While Bayswater would strive to avoid, minimize, and mitigate these impacts, the current agricultural operations, the cramped nature and limited access to the location would make it difficult or impossible for Bayswater to employ some of the Best Management Practices it will employ at the proposed location, if approved, such as connecting to existing natural gas and crude oil pipelines at 1st production.

COGCC Permitting Considerations:

It is likely that wells would need to be placed within 150' of a property line to the north or east, and accordingly an exception would be required, which Bayswater feels it would not be able to obtain from the offsetting landowner, due to proximity of operations, and potential impacts to operations. Further, the offsetting landowner receives no benefit from oil and gas operations that are disruptive to their agricultural operations.

Local Permitting Considerations:

A 1041 WOGLA would be required, Bayswater would expect pushback due to impacts on agriculture.

Alternate Location #6

Lat: 40.54984

Long: -104.743628

Tier I-B

Alternate Location #6, located in Township 7 North, Range 66 West, 6th P.M., Section 26: NW¼NE¼. This location is in unincorporated Weld County. Bayswater's analysis identified the following:

Advantages:

- There are no School Facilities, Child Care Centers, RBUs or High Occupancy Buildings (HOBUs) within 2,000' of the WPS.
- Location is not within HPH.
- Location is not within or upgradient of a mapped wetland.
- There is not a DIC within 2000'.

Disadvantages:

- The only viable way to access this location would be a new road directly offsetting a RBU that is not owned by the surface owner, this individual would experience a significant increase in impacts of noise, dust and emissions from truck traffic.
- Access would require disruption to center pivot irrigated field. Bayswater works collaboratively with landowners and relevant local government (Weld County) to avoid impacts of oil and gas on agricultural operations, and this location limits future agricultural activity.
- This location is not large enough for all 12 proposed wells and production facilities, the DSU could not be fully developed from this location.
- Full development of the DSU from this location would require use of multiple tracts, with disparate ownership, requiring multiple SUAs, access agreements and waivers. It is infeasible to get all surface owners aligned with Bayswater's proposed development.
- This location is near existing natural gas and crude oil pipeline gathering systems; however, the limited access and existing agricultural operations would make it difficult to build pipelines to this location.
- There is no SUA and Bayswater does not believe one could be executed given the above disadvantages.
- Due to the small size of the location, it is likely that wells would need to be placed within 150' of a property line to the north, west or south, and accordingly an exception would be required, which Bayswater feels it would not be able to obtain from the offsetting landowner, due to proximity of operations, and potential impacts to operations. Further, the offsetting landowner receives no benefit from oil and gas operations that are disruptive to their agricultural operations.
- Unlike the proposed location, this alternate location would not allow Bayswater to plug and abandon 6-8 older, low producing horizontal wells.

Potential impacts to public health, safety, welfare, the environment and wildlife resources:

There are potential impacts from oil and gas development operations, including impacts from light, noise, odor, and air emissions. While Bayswater would strive to avoid, minimize, and mitigate these impacts, the current agricultural operations, the cramped nature and limited access to the location would make it difficult or impossible for Bayswater to employ some of the Best Management Practices it will employ at the proposed location, if approved, such as connecting to existing natural gas and crude oil pipelines at 1st production.

COGCC Permitting Considerations:

It is likely that wells would need to be placed within 150' of a property line to the north or east, and accordingly an exception would be required, which Bayswater feels it would not be able to obtain from the offsetting landowner, due to proximity of operations, and potential impacts to operations. Further, the offsetting landowner receives no benefit from oil and gas operations that are disruptive to their agricultural operations.

Local Permitting Considerations:

A 1041 WOGLA would be required, Bayswater would expect pushback due to impacts on agriculture.

Alternate Location #7

Lat: 40.547391

Long: -104.734012

Tier IV-A

Alternate Location #7, located in Township 7 North, Range 66 West, 6th P.M., Section 25: SW ¼NW¼ This location is in unincorporated Weld County. Bayswater's analysis identified the following:

Advantages:

- There are no HOBUs, School Facilities, or Child Care Centers within 2,000' of the WPS.
- There is an approved WOGLA (WOGLA- 19-0077) for this location, as it was pursued as the preferred location to develop a smaller DSU being Township 7 North, Range 66 West, 6th P.M., Section 25: All, Township 7 North, Range 65 West, 6th P.M., Section 30: All.
- Location is not within HPH.
- There is not a DIC within 2000'.

Disadvantages:

- There are three (3) RBUs within 2,000' of the anticipated WPS, including two RBUs within 500'-1000' of the anticipated WPS.
- Bayswater did not believe that it would be possible to obtain informed consent from the two RBUs within 500'-1000' of the anticipated WPS.
- Use of this location will strand oil and gas reserves in the W ½ of Section 26, Township 7 North, Range 66 West, 6th P.M., which are not technically feasible to access by back-building wells.
- The Surface Use Agreement for this location has expired and would require re-negotiation with surface owner.
- Access to the location along WCR 35 be near the closest RBUs, creating additional impacts from traffic.
- Location is within or immediately upgradient of a mapped wetland.

Potential impacts to public health, safety, welfare, the environment and wildlife resources:

There are potential impacts to the RBU receptors within 2,000' of this location's WPS, including impacts from light, noise, odor, and air emissions. While Bayswater would strive to avoid, minimize, and mitigate these impacts, the access to this location and close proximity of houses would make it difficult or impossible for Bayswater to employ some of the Best Management Practices it will employ at the proposed location, if approved, such as noise mitigation.

COGCC Permitting Considerations:

This location was originally pursued to develop a proposed DSU covering Township 7 North, Range 65 West, 6th P.M., Section 30, Township 7 North, Range, 66 West, 6th P.M., Section 25. WOGLA No. 19-0077 was approved for this location and permit applications were submitted to the COGCC on April 30, 2019, Document Number 401829670. During the permitting process, the 3rd RBU was constructed just outside of 500' from this location, the owner of which was averse to oil and gas development at this Location. Location would likely require a waiver to COGCC Rule 1202.a.(3) due to situating new staging, refueling, or chemical storage areas within 500

feet of the Ordinary High-Water Mark (“OHWM”) of any river, perennial, or intermittent stream, lake, pond, or wetland.

Local Permitting Considerations:

Approved WOGLA (WOGLA- 19-0077) for this location.

Alternate Location #8a

Lat: 40.547603

Long: -104.724987

Tier IV-B

Alternate Location 8a, located in Township 7 North, Range 66 West, 6th P.M., Section 25: SW¼NE¼. This location is in unincorporated Weld County. Bayswater’s analysis identified the following:

Advantages:

- There are no HOBUs, RBUs, School Facilities, or Child Care Centers within 2,000’ of the WPS.
- Location is not within HPH.
- There is not a DIC within 2000’.

Disadvantages:

- This location is not large enough for all 12 proposed wells and production facilities, the DSU could not be fully developed from this location.
- Full development of the DSU from this location would require use of multiple tracts, with disparate ownership, requiring multiple SUAs, access agreements and property line waivers. It is infeasible to get all surface owners aligned with Bayswater’s proposed development.
- It is technically infeasible to develop the entirety of the proposed DSU due to long kickbacks to the landing point of the laterals.
- This location is difficult to access from the County Road. Therefore, utilization of this location would require construction of a new access directly offsetting (as close as 143’ from the nearest RBU) the property lines of at 2-3 RBUs.
- This location would cause disruption to current agricultural operations. Bayswater works collaboratively with landowners and relevant local government (Weld County) to avoid impacts of oil and gas on agricultural operations, and this location limits future agricultural activity.
- There is no SUA for this location, and Bayswater does not believe it could obtain one.
- This location is within a floodplain
- This location is immediately upgradient from a mapped wetland
- Due to the small size of the location, it is likely that wells would need to be placed within 150’ of a property line to the south, and accordingly an exception would be required, which Bayswater feels it would not be able to obtain from the offsetting landowner, due to proximity of operations, and potential impacts to operations. Further, the offsetting landowner receives no benefit from oil and gas operations that are disruptive to their agricultural operations.
- Unlike the proposed location, this alternate location would not allow Bayswater to plug and abandon 6-8 older, low producing horizontal wells.

Potential impacts to public health, safety, welfare, the environment and wildlife resources:

There are potential impacts from oil and gas development operations, including impacts from light, noise, odor, and air emissions. Emissions, dust, and noise from traffic may be particularly problematic as the access road would have to be extremely close to several RBUS. While Bayswater would strive to avoid, minimize, and mitigate these impacts, it would be difficult or impossible for Bayswater to employ some of the Best Management Practices it will employ at the proposed location.

COGCC Permitting Considerations:

Due to the small size of the location, it is likely that wells would need to be placed within 150' of a property line to the south, and accordingly an exception would be required, which Bayswater feels it would not be able to obtain from the offsetting landowner, due to proximity of operations, and potential impacts to operations. Further, the offsetting landowner receives no benefit from oil and gas operations that are disruptive to their agricultural operations. Location would likely require a waiver to COGCC Rule 1202.a.(3) due to situating new staging, refueling, or chemical storage areas within 500 feet of the Ordinary High-Water Mark ("OHWM") of any river, perennial, or intermittent stream, lake, pond, or wetland.

Local Permitting Considerations:

A 1041 WOGLA would be required, Bayswater would expect pushback due to impacts on agriculture.

Alternate Location #8b

Lat: 40.54579

Long: -104.726987

Tier II-B

Alternate Location #8b, located in Township 7 North, Range 66 West, 6th P.M., Section 25: NE¼SW¼. This location is in unincorporated Weld County. Bayswater's analysis identified the following:

Advantages:

- There are no HOBUs, RBUs, Child Care Centers or School Facilities located within 2,000' of the WPS.

Disadvantages:

- This location is not large enough for all 12 proposed wells and production facilities, the DSU could not be fully developed from this location.
- Full development of the DSU from this location would require use of multiple tracts, with disparate ownership, requiring multiple SUAs, access agreements and property line waivers. It is infeasible to get all surface owners aligned with Bayswater's proposed development.
- It is technically infeasible to develop the entirety of the proposed DSU due to long kickbacks to the landing point of the laterals.
- This location is difficult to access from the County Road. Therefore, utilization of this location would require construction of a new access directly offsetting (as close as 143' from the nearest RBU) the property lines of at 2-3 RBUs.
- This location would cause disruption to current agricultural operations.
- There is no SUA for this location, and Bayswater does not believe it could obtain one.
- This location is immediately upgradient from a mapped wetland
- Due to the small size of the location, it is likely that wells would need to be placed within 150' of a property line to the south, and accordingly an exception would be required, which Bayswater feels it

would not be able to obtain from the offsetting landowner, due to proximity of operations, and potential impacts to operations. Further, the offsetting landowner receives no benefit from oil and gas operations that are disruptive to their agricultural operations.

- Unlike the proposed location, this alternate location would not allow Bayswater to plug and abandon 6-8 older, low producing horizontal wells.

Potential impacts to public health, safety, welfare, the environment and wildlife resources:

There are potential impacts from oil and gas development operations, including impacts from light, noise, odor, and air emissions. Emissions, dust, and noise from traffic may be particularly problematic as the access road would have to be extremely close to several RBUS. While Bayswater would strive to avoid, minimize, and mitigate these impacts, the cramped nature of the location would make it difficult or impossible for Bayswater to employ some of the Best Management Practices it will employ at the proposed location.

COGCC Permitting Considerations:

Due to the small size of the location, it is likely that wells would need to be placed within 150' of a property line to the south, and accordingly an exception would be required, which Bayswater feels it would not be able to obtain from the offsetting landowner, due to proximity of operations, and potential impacts to operations. Further, the offsetting landowner receives no benefit from oil and gas operations that are disruptive to their agricultural operations. Location would likely require a waiver to COGCC Rule 1202.a.(3) due to situating new staging, refueling, or chemical storage areas within 500 feet of the Ordinary High-Water Mark ("OHWM") of any river, perennial, or intermittent stream, lake, pond, or wetland.

Local Permitting Considerations:

A 1041 WOGLA would be required

Alternate Location #9

Lat: 40.546245

Long: -104.726987

Tier II-B

Alternate location #9, located in Township 7 North, Range 66 West, 6th P.M., Section 29: NE¼SW¼. This location was recently annexed into the Town of Eaton in Weld County. Bayswater's analysis identified the following:

Advantages

- There are no HOBUs, RBUs, School Facilities, or Child Care Centers within 2,000' of the WPS.

Disadvantages

- Representatives from the Town of Eaton have expressed their dislike for this location.
- This location is immediately upgradient from, or within a mapped wetland
- The location is largely located on irrigation ponds, use of which would require that these ponds be filled in, further disruption to agricultural operations surround in the location are anticipated, but the full extent of which were not pursued due to the location being annexed into the Town of Eaton.
- This location is owned by a housing developer, Eaton Commons, that recently had this location, and the surrounding lands annexed into the Town of Eaton.
- Any expansion or movement of the location West to avoid disruption to irrigation, would bring the location within 2000' of the Hawkstone subdivision in the Town of Eaton.

- While there are no current RBUs or HOBUs within 2,000' this land has been annexed by Eaton Commons and is planned for future single family home development.
- This location is not large enough for all 12 proposed wells and production facilities, the DSU could not be fully developed from a single location, requiring the need for an additional location, further increasing cumulative impacts to the area.
- Expansion of this location to fit all 12 proposed wells would create the necessity to have wells located within 150' of a property line, requiring a waiver from offset landowner. Bayswater believe that this would be impossible to obtain as the location would offset neighboring irrigation ponds.
- Unlike the proposed location, this alternate location would not allow Bayswater to plug and abandon 6-8 older, low producing horizontal wells.

Potential impacts to public health, safety, welfare, the environment and wildlife resources:

There are potential impacts from oil and gas development, including impacts from light, noise, odor, and air emissions. While Bayswater would strive to avoid, minimize, and mitigate these impacts, the proximity of the location to the Town of Eaton and the size necessary to keep the location 2000 feet away from the municipal boundary and RBUs in the Hawkstone subdivision would make it difficult or impossible for Bayswater to employ some of the Best Management Practices it will employ at the proposed location, if approved, such as sound mitigation through sound walls. In addition, the wetlands and agricultural infrastructure in the area are safety concerns as they would need to be filled in to support the weight of drilling and completion operations, making it infeasible to keep operations 2000' from the Hawkstone subdivision.

COGCC Permitting Considerations:

There is a possibility for wells to be within 150' of the property line, requiring a waiver from offset landowner. Bayswater believe that this would be impossible to obtain as the location would offset neighboring irrigation ponds. Location would likely require a waiver to COGCC Rule 1202.a.(3) due to situating new staging, refueling, or chemical storage areas within 500 feet of the Ordinary High-Water Mark ("OHWM") of any river, perennial, or intermittent stream, lake, pond, or wetland.

Local Permitting Considerations:

A 1041 WOGLA would be required as well as additional consultation with the Town of Eaton.

Alternate Location #10

Lat: 40.532538

Long: -104.743763

Tier II-B

Alternate Location #10, located in Township 7 North, Range 66 West, 6th P.M., Section 35: SW¼NE¼, in unincorporated Weld County. Current and future use of this land is center pivot irrigated farmland. Bayswater's analysis identified the following:

Advantages:

- There are no HOBUs, RBUs, or School Facilities within 2,000' of the WPS.
- Location is not within HPH.
- There is not a DIC within 2000'.

Disadvantages:

- This location is immediately upgradient of a mapped wetland
- This location is within 2000' of the boundary of a municipality, the Town of Eaton.
- Inability to fully develop DSU from this location due to longer lateral reaches to the north, and complex subsurface anti-collision issues with existing wells.
- Due to the inability to land all 12 proposed wells inside the proposed DSU, the land could not be fully developed from a single location, requiring the need for an additional location, further increasing cumulative impacts to the area.
- This location would cause disruption to current agricultural operations. Bayswater works collaboratively with landowners and relevant local government (Weld County) to avoid impacts of oil and gas on agricultural operations, and this location limits future agricultural activity.
- There is no SUA for this location, and Bayswater does not believe it could obtain one.
- Unlike the proposed location, this alternate location would not allow Bayswater to plug and abandon 6-8 older, low producing horizontal wells.

Potential impacts to public health, safety, welfare, the environment and wildlife resources:

There are potential impacts from light, noise, odor, and air emissions. While Bayswater would strive to avoid, minimize, and mitigate these impacts the proximity to the Town of Eaton and the Eaton Recreation Center cause enough concern for safety and welfare that this location was not pursued further. It would further be difficult to mitigate noise, odor and emission that could potentially impact a nearby community center.

COGCC Permitting Considerations:

Location would likely require a waiver to COGCC Rule 1202.a.(3) due to situating new staging, refueling, or chemical storage areas within 500 feet of the Ordinary High-Water Mark ("OHWM") of any river, perennial, or intermittent stream, lake, pond, or wetland.

Local Permitting Considerations:

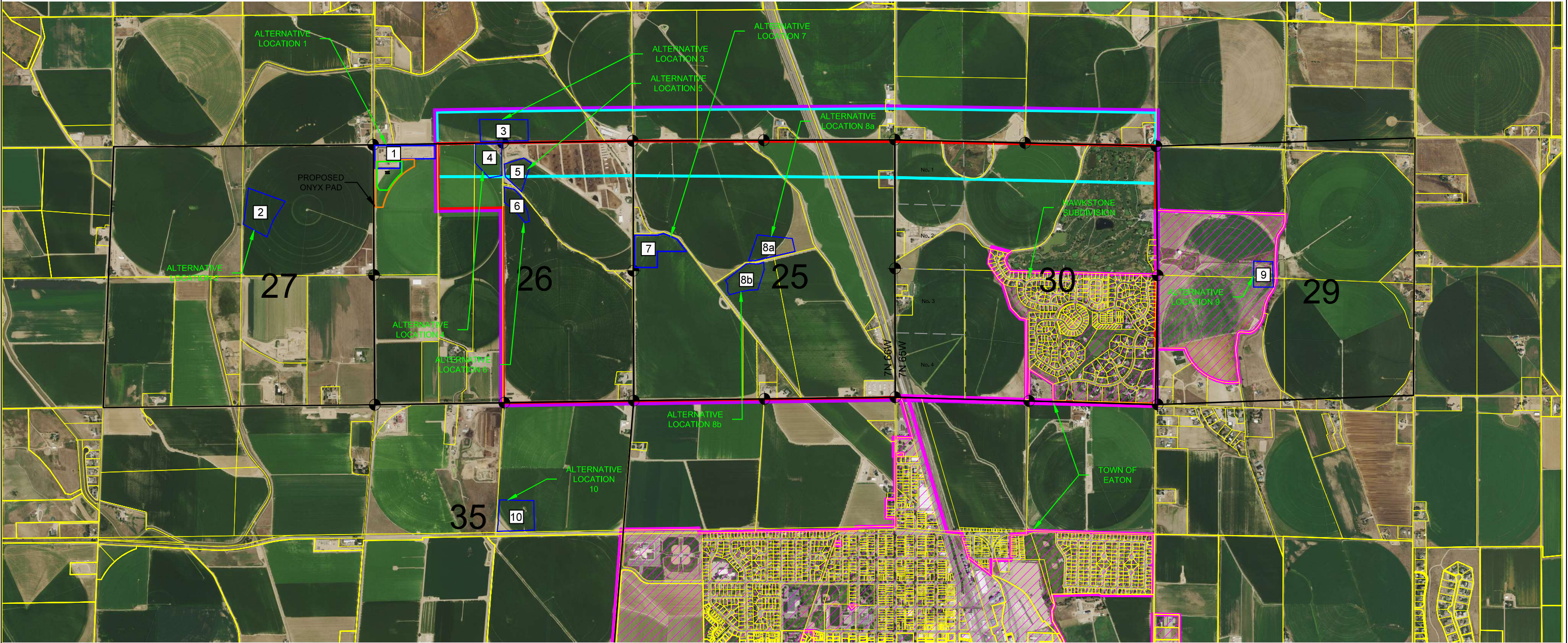
A 1041 WOGLA would be required.

CONCLUSION

Bayswater has fully analyzed and considered the potential impacts to public health, safety, welfare, the environment and wildlife resources while evaluating the 12 locations identified in this application. Through this analysis, Bayswater determined the proposed location to be the most viable and preferred of the 12 locations.

The proposed Onyx Pad location minimized impacts to agricultural operations, utilizes existing nearby equipment, and is near oil and gas pipeline takeaway. Further, Bayswater will be able to safely develop the entire DSU from a single location, eliminating the need for further surface use and impacts to the immediate area. Bayswater's best in class BMPs minimize and mitigate potential impacts to public health, safety, welfare and the environment by reducing emissions. The Onyx Pad location is not within HPH and is more than 2000' from any mapped wetlands, therefore having minimal impact to surrounding wildlife and susceptible environment.

ONYX PAD
ALTERNATIVE LOCATION ANALYSIS
MAP 1



REFERENCE LOCATION

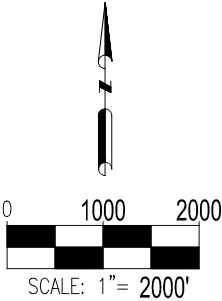
****ONYX FEDERAL 1****

LAT: 40.551861° N
LONG: 104.753350° W
ELEVATION: 4894'
551' FNL & 268' FWL
PDOP: 1.4
GPS OPERATOR: STEVE ROERIG

MEASUREMENTS:
(AS MEASURED FROM THE PROPOSED WORKING PAD SURFACE)

MUNICIPAL BOUNDARY (TOWN OF EATON)	±8,431' SE
SUBDIVISION BOUNDARY (HAWKSTONE SUBDIVISION)	±12,142' SE

DISCLAIMER:
THIS PLOT DOES NOT REPRESENT A MONUMENTED LAND SURVEY AND SHOULD NOT BE RELIED UPON TO DETERMINE BOUNDARY LINES.
PROPERTY OWNERSHIP OR OTHER PROPERTY INTERESTS, PARCEL LINES, IF DEPICTED HAVE NOT BEEN FIELD VERIFIED AND MAY BE BASED
UPON PUBLICLY AVAILABLE DATA THAT ALSO HAS NOT BEEN INDEPENDENTLY VERIFIED.



8620 Wolff Court
Westminster, CO 80031
(303) 928-7128
www.ascentgeomatics.com

FIELD DATE:
02-19-22

DRAWN BY:
HJL

DRAWING DATE:
02-02-23

CHECKED BY:
CSG

SITE NAME:
ONYX PAD

SURFACE LOCATION:
NW 1/4 NW 1/4 SEC. 26, T7N, R66W, 6TH P.M.
WELD COUNTY, COLORADO

DATA SOURCE:
AERIAL IMAGERY: NAIP 2019
DISPROPORTIONATELY IMPACTED COMMUNITIES:
COGCC

PUBLICLY AVAILABLE DATA SOURCES HAVE NOT
BEEN INDEPENDENTLY VERIFIED BY ASCENT.

LEGEND:

● = EXISTING MONUMENT
○ = CALCULATED POSITION
● = PROPOSED WELL

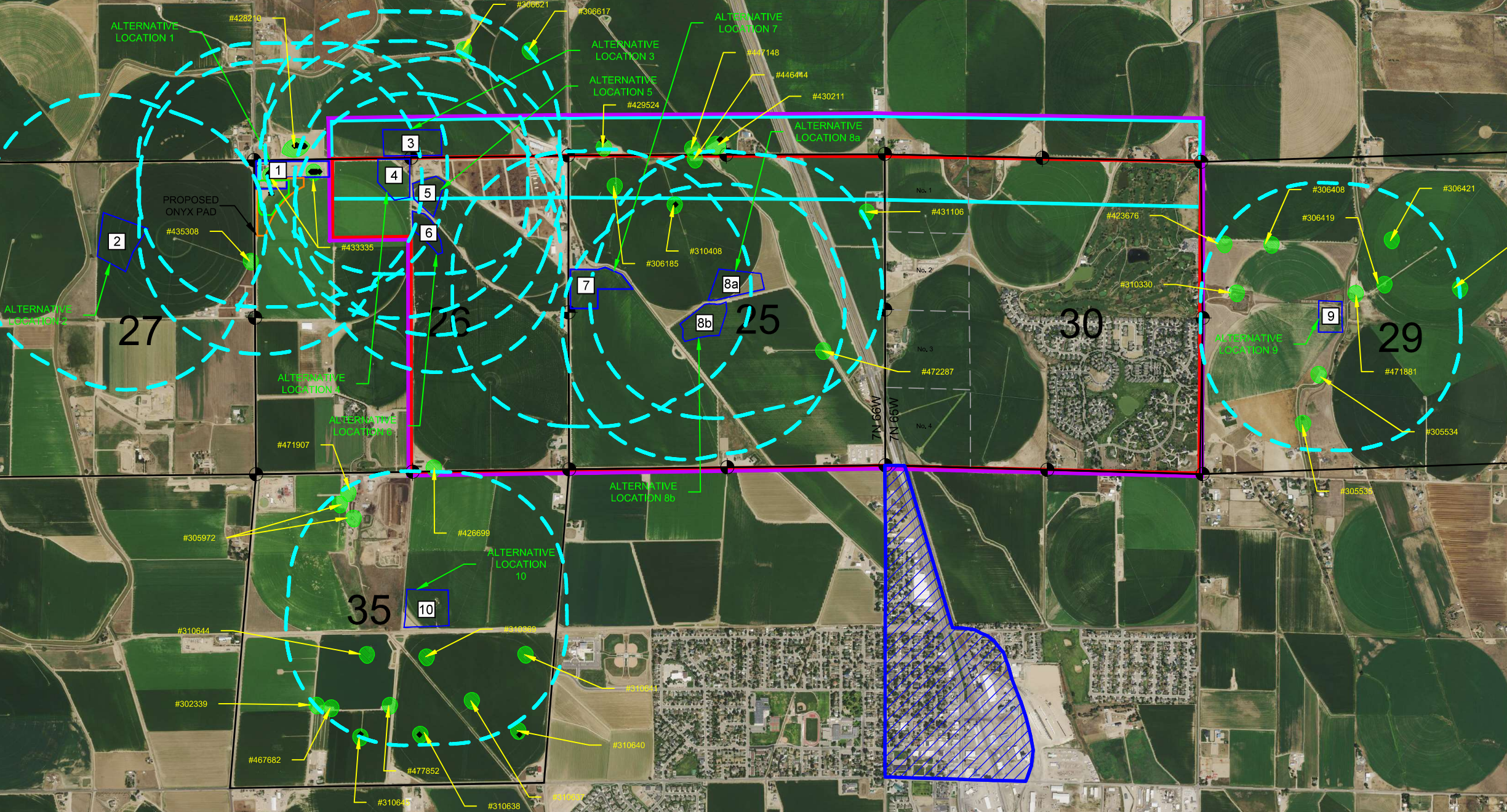
□ = ALTERNATIVE SITE BOUNDARY
□ = OIL & GAS LOCATION
□ = WORKING PAD SURFACE
□ = PROPERTY LINE

□ = ALTERNATIVE SITE

□ = MUNICIPAL BOUNDARY
□ = OGDG BOUNDARY
□ = DSU BOUNDARY
□ = WSU BOUNDARY

BAYSWATER
EXPLORATION & PRODUCTION, LLC

MAP 2



****ONYX FEDERAL 1****

LAT: 40.551861° N
LONG: 104.753350° W
ELEVATION: 4894'
551' FNL & 268' FWL
PDOP: 1.4
OPERATOR: STEVE R

DISCLAIMER:
THIS PLOT DOES NOT REPRESENT A MONUMENTED LAND SURVEY AND SHOULD NOT BE RELIED UPON TO DETERMINE BOUNDARY LINES.
PROPERTY OWNERSHIP OR OTHER PROPERTY INTERESTS, PARCEL LINES, IF DEPICTED HAVE NOT BEEN FIELD VERIFIED AND MAY BE BASE
UPON PUBLICLY AVAILABLE DATA THAT ALSO HAS NOT BEEN INDEPENDENTLY VERIFIED.

IMPACTED COMMUNITIES:




PROPOSED LOCATION	+5280' NE (BLOCK ID 081230023003)
ALTERNATIVE LOCATION 1	+5280' NE (BLOCK ID 081230023003)
ALTERNATIVE LOCATION 2	+5280' NE (BLOCK ID 081230023003)
ALTERNATIVE LOCATION 3	+5280' NE (BLOCK ID 081230023003)
ALTERNATIVE LOCATION 4	+5280' NE (BLOCK ID 081230023003)
ALTERNATIVE LOCATION 5	+5280' NE (BLOCK ID 081230023003)

IMPACTED COMMUNITIES:




ALTERNATIVE LOCATION 6	+5280' NE (BLOCK ID 08123002300)
ALTERNATIVE LOCATION 7	+5212' SE (BLOCK ID 08123001500)
ALTERNATIVE LOCATION 8a	+3615' SE (BLOCK ID 08123001500)
ALTERNATIVE LOCATION 8b	+3566' SE (BLOCK ID 08123001500)
ALTERNATIVE LOCATION 9	+5280' SW (BLOCK ID 08123001500)
ALTERNATIVE LOCATION 10	+5280' E (BLOCK ID 08123001500)



- = EXISTING MONUMENT
 = CALCULATED POSITION
 = PROPOSED WELL

-  = OGDG BOUNDARY
 = DSU BOUNDARY
 = WSU BOUNDARY

- ◆ = PRODUCING WELL
 [Orange Outline] = OIL & GAS LOCATION
 [Green Outline] = WORKING PAD SURFACE
 [Green Hatched] = PERMITTED LOCATION
 [Blue Hatched] = 2000' RADIUS

-  = DISPROPORTIONATELY IMPACTED COMMUNITIES
 = ALTERNATIVE SITE BOUNDARY
 = ALTERNATIVE SITE

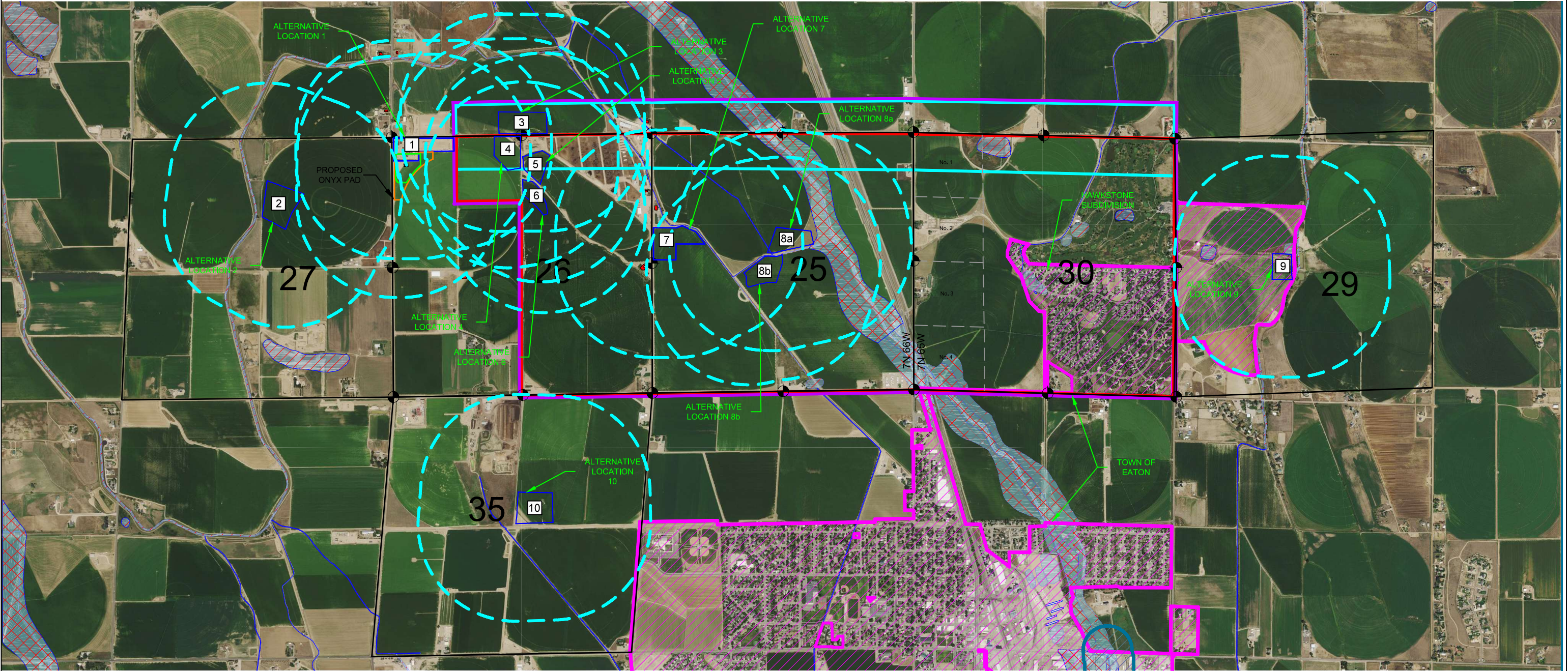


0 1000 2000

SCALE: 1" = 2000'

PLAT: \\AGSFS\PROJECTS\BEP B210003\PROD\2A\QNYXPAD ALTERNATIVE LOCATION ANALYSIS LAYOUT TAB: ALA 2

ONYX PAD
ALTERNATIVE LOCATION ANALYSIS
MAP 3



REFERENCE LOCATION

ONYX FEDERAL 1

LAT: 40.551861° N
LONG: 104.753350° W
ELEVATION: 4894'
551' FNL & 268' FWL
PDOP: 1.4
GPS OPERATOR: STEVE ROERIG

ALA CRITERIA - PROPOSED ONYX PAD
40.551861, -104.753350

i. <2,000' FROM RBU OR HOB	YES
ii. <2,000' FROM SCHOOL OR CHILD CARE CENTER	NO
iii. <1,500' FROM DESIGNATED OUTSIDE ACTIVITY AREA	NO
iv. <2,000' FROM JURISDICTIONAL BOUNDARY AND PLG OBJECTS	NO
v. WITHIN FLOODPLAIN	NO
vi. aa. WITHIN A SURFACE WATER SUPPLY AREA	NO
vi. bb. <2,640' FROM TYPE III OR GUDI WELL	NO
vii. WITHIN/IMMEDIATELY UPGRADIENT OF WETLAND OR RIPARIAN	NO
viii. IN HIGH PRIORITY HABITAT AND CPW DID NOT WAIVE	NO
ix. OPERATOR USING SURFACE BOND	NO
x. <2,000' FROM A RBU/HOB/SCHOOL WITHIN A DIC	NO

DISCLAIMER:
THIS PLOT DOES NOT REPRESENT A MONUMENTED LAND SURVEY AND SHOULD NOT BE RELIED UPON TO DETERMINE BOUNDARY LINES, PROPERTY OWNERSHIP OR OTHER PROPERTY INTERESTS. PARCEL LINES, IF DEPICTED HAVE NOT BEEN FIELD VERIFIED AND MAY BE BASED UPON PUBLICLY AVAILABLE DATA THAT ALSO HAS NOT BEEN INDEPENDENTLY VERIFIED.

PAGE 001 OF 002



FIELD DATE: 02-19-22
DRAWN BY: HJL

DRAWING DATE: 02-02-23
CHECKED BY: CSG

SITE NAME: ONYX PAD
SURFACE LOCATION: NW 1/4 NW 1/4 SEC. 26, T7N, R66W, 6TH P.M.
WELD COUNTY, COLORADO

DATA SOURCE: AERIAL IMAGERY: NAIP 2019
DISPROPORTIONATELY IMPACTED COMMUNITIES: COGCC
PUBLICLY AVAILABLE DATA SOURCES HAVE NOT BEEN INDEPENDENTLY VERIFIED BY ASCENT.

LEGEND:

- = EXISTING MONUMENT
- = CALCULATED POSITION
- = PROPOSED WELL

- = OIL & GAS LOCATION
- = WORKING PAD SURFACE
- = FLOODPLAIN
- = MUNICIPAL BOUNDARY
- = WETLAND

- = RESIDENTIAL BUILDING UNIT
- = 2000' RADIUS
- = ALTERNATIVE SITE BOUNDARY
- = ALTERNATIVE SITE

- = OGDG BOUNDARY
- = DSU BOUNDARY
- = WSU BOUNDARY
- = HIGH PRIORITY HABITAT AREA- AQUATIC NATIVE SPECIES CONSERVATION WATER



ONYX PAD
ALTERNATIVE LOCATION ANALYSIS
MAP 3

ALA CRITERIA - LOCATION 1 40.552796, -104.753319	
i. <2,000' FROM RBU OR HOB	YES
ii. <2,000' FROM SCHOOL OR CHILD CARE CENTER	NO
iii. <1,500' FROM DESIGNATED OUTSIDE ACTIVITY AREA	NO
iv. <2,000' FROM JURISDICTIONAL BOUNDARY AND PLG OBJECTS	NO
v. WITHIN FLOODPLAIN	NO
vi. aa. WITHIN A SURFACE WATER SUPPLY AREA	NO
vi. bb. <2,640' FROM TYPE III OR GUDI WELL	NO
vii. WITHIN/IMMEDIATELY UPGRADIENT OF WETLAND OR RIPARIAN	NO
viii. IN HIGH PRIORITY HABITAT AND CPW DID NOT WAIVE	NO
ix. OPERATOR USING SURFACE BOND	NO
x. <2,000' FROM A RBU/HOBU/SCHOOL WITHIN A DIC	NO

ALA CRITERIA - LOCATION 2 40.549624, -104.762518	
i. <2,000' FROM RBU OR HOB	NO
ii. <2,000' FROM SCHOOL OR CHILD CARE CENTER	NO
iii. <1,500' FROM DESIGNATED OUTSIDE ACTIVITY AREA	NO
iv. <2,000' FROM JURISDICTIONAL BOUNDARY AND PLG OBJECTS	NO
v. WITHIN FLOODPLAIN	NO
vi. aa. WITHIN A SURFACE WATER SUPPLY AREA	NO
vi. bb. <2,640' FROM TYPE III OR GUDI WELL	NO
vii. WITHIN/IMMEDIATELY UPGRADIENT OF WETLAND OR RIPARIAN	YES
viii. IN HIGH PRIORITY HABITAT AND CPW DID NOT WAIVE	NO
ix. OPERATOR USING SURFACE BOND	NO
x. <2,000' FROM A RBU/HOBU/SCHOOL WITHIN A DIC	NO

ALA CRITERIA - LOCATION 3 40.554175, -104.744655	
i. <2,000' FROM RBU OR HOB	NO
ii. <2,000' FROM SCHOOL OR CHILD CARE CENTER	NO
iii. <1,500' FROM DESIGNATED OUTSIDE ACTIVITY AREA	NO
iv. <2,000' FROM JURISDICTIONAL BOUNDARY AND PLG OBJECTS	NO
v. WITHIN FLOODPLAIN	NO
vi. aa. WITHIN A SURFACE WATER SUPPLY AREA	NO
vi. bb. <2,640' FROM TYPE III OR GUDI WELL	NO
vii. WITHIN/IMMEDIATELY UPGRADIENT OF WETLAND OR RIPARIAN	NO
viii. IN HIGH PRIORITY HABITAT AND CPW DID NOT WAIVE	NO
ix. OPERATOR USING SURFACE BOND	NO
x. <2,000' FROM A RBU/HOBU/SCHOOL WITHIN A DIC	NO

ALA CRITERIA - LOCATION 4 40.552563, -104.745704	
i. <2,000' FROM RBU OR HOB	NO
ii. <2,000' FROM SCHOOL OR CHILD CARE CENTER	NO
iii. <1,500' FROM DESIGNATED OUTSIDE ACTIVITY AREA	NO
iv. <2,000' FROM JURISDICTIONAL BOUNDARY AND PLG OBJECTS	NO
v. WITHIN FLOODPLAIN	NO
vi. aa. WITHIN A SURFACE WATER SUPPLY AREA	NO
vi. bb. <2,640' FROM TYPE III OR GUDI WELL	NO
vii. WITHIN/IMMEDIATELY UPGRADIENT OF WETLAND OR RIPARIAN	NO
viii. IN HIGH PRIORITY HABITAT AND CPW DID NOT WAIVE	NO
ix. OPERATOR USING SURFACE BOND	NO
x. <2,000' FROM A RBU/HOBU/SCHOOL WITHIN A DIC	NO

ALA CRITERIA - LOCATION 5 40.551818, -104.743644	
i. <2,000' FROM RBU OR HOB	NO
ii. <2,000' FROM SCHOOL OR CHILD CARE CENTER	NO
iii. <1,500' FROM DESIGNATED OUTSIDE ACTIVITY AREA	NO
iv. <2,000' FROM JURISDICTIONAL BOUNDARY AND PLG OBJECTS	NO
v. WITHIN FLOODPLAIN	NO
vi. aa. WITHIN A SURFACE WATER SUPPLY AREA	NO
vi. bb. <2,640' FROM TYPE III OR GUDI WELL	NO
vii. WITHIN/IMMEDIATELY UPGRADIENT OF WETLAND OR RIPARIAN	NO
viii. IN HIGH PRIORITY HABITAT AND CPW DID NOT WAIVE	NO
ix. OPERATOR USING SURFACE BOND	NO
x. <2,000' FROM A RBU/HOBU/SCHOOL WITHIN A DIC	NO

ALA CRITERIA - LOCATION 6 40.549844, -104.743628	
i. <2,000' FROM RBU OR HOB	NO
ii. <2,000' FROM SCHOOL OR CHILD CARE CENTER	NO
iii. <1,500' FROM DESIGNATED OUTSIDE ACTIVITY AREA	NO
iv. <2,000' FROM JURISDICTIONAL BOUNDARY AND PLG OBJECTS	NO
v. WITHIN FLOODPLAIN	NO
vi. aa. WITHIN A SURFACE WATER SUPPLY AREA	NO
vi. bb. <2,640' FROM TYPE III OR GUDI WELL	NO
vii. WITHIN/IMMEDIATELY UPGRADIENT OF WETLAND OR RIPARIAN	NO
viii. IN HIGH PRIORITY HABITAT AND CPW DID NOT WAIVE	NO
ix. OPERATOR USING SURFACE BOND	NO
x. <2,000' FROM A RBU/HOBU/SCHOOL WITHIN A DIC	NO

ALA CRITERIA - LOCATION 7 40.547391, -104.734012	
i. <2,000' FROM RBU OR HOB	YES
ii. <2,000' FROM SCHOOL OR CHILD CARE CENTER	NO
iii. <1,500' FROM DESIGNATED OUTSIDE ACTIVITY AREA	NO
iv. <2,000' FROM JURISDICTIONAL BOUNDARY AND PLG OBJECTS	NO
v. WITHIN FLOODPLAIN	NO
vi. aa. WITHIN A SURFACE WATER SUPPLY AREA	NO
vi. bb. <2,640' FROM TYPE III OR GUDI WELL	NO
vii. WITHIN/IMMEDIATELY UPGRADIENT OF WETLAND OR RIPARIAN	YES
viii. IN HIGH PRIORITY HABITAT AND CPW DID NOT WAIVE	NO
ix. OPERATOR USING SURFACE BOND	NO
x. <2,000' FROM A RBU/HOBU/SCHOOL WITHIN A DIC	NO

ALA CRITERIA - LOCATION 8a 40.547603, -104.724987	
i. <2,000' FROM RBU OR HOB	NO
ii. <2,000' FROM SCHOOL OR CHILD CARE CENTER	NO
iii. <1,500' FROM DESIGNATED OUTSIDE ACTIVITY AREA	NO
iv. <2,000' FROM JURISDICTIONAL BOUNDARY AND PLG OBJECTS	NO
v. WITHIN FLOODPLAIN	YES
vi. aa. WITHIN A SURFACE WATER SUPPLY AREA	NO
vi. bb. <2,640' FROM TYPE III OR GUDI WELL	NO
vii. WITHIN/IMMEDIATELY UPGRADIENT OF WETLAND OR RIPARIAN	YES
viii. IN HIGH PRIORITY HABITAT AND CPW DID NOT WAIVE	NO
ix. OPERATOR USING SURFACE BOND	NO
x. <2,000' FROM A RBU/HOBU/SCHOOL WITHIN A DIC	NO

ALA CRITERIA - LOCATION 8b 40.545792, -104.726987	
i. <2,000' FROM RBU OR HOB	NO
ii. <2,000' FROM SCHOOL OR CHILD CARE CENTER	NO
iii. <1,500' FROM DESIGNATED OUTSIDE ACTIVITY AREA	NO
iv. <2,000' FROM JURISDICTIONAL BOUNDARY AND PLG OBJECTS	NO
v. WITHIN FLOODPLAIN	NO
vi. aa. WITHIN A SURFACE WATER SUPPLY AREA	NO
vi. bb. <2,640' FROM TYPE III OR GUDI WELL	NO
vii. WITHIN/IMMEDIATELY UPGRADIENT OF WETLAND OR RIPARIAN	YES
viii. IN HIGH PRIORITY HABITAT AND CPW DID NOT WAIVE	NO
ix. OPERATOR USING SURFACE BOND	NO
x. <2,000' FROM A RBU/HOBU/SCHOOL WITHIN A DIC	NO

ALA CRITERIA - LOCATION 9 40.546245, -104.688737	
i. <2,000' FROM RBU OR HOB	NO
ii. <2,000' FROM SCHOOL OR CHILD CARE CENTER	NO
iii. <1,500' FROM DESIGNATED OUTSIDE ACTIVITY AREA	NO
iv. <2,000' FROM JURISDICTIONAL BOUNDARY AND PLG OBJECTS	NO
v. WITHIN FLOODPLAIN	NO
vi. aa. WITHIN A SURFACE WATER SUPPLY AREA	NO
vi. bb. <2,640' FROM TYPE III OR GUDI WELL	NO
vii. WITHIN/IMMEDIATELY UPGRADIENT OF WETLAND OR RIPARIAN	YES
viii. IN HIGH PRIORITY HABITAT AND CPW DID NOT WAIVE	NO
ix. OPERATOR USING SURFACE BOND	NO
x. <2,000' FROM A RBU/HOBU/SCHOOL WITHIN A DIC	NO

ALA CRITERIA - LOCATION 10 40.532538, -104.743763	
i. <2,000' FROM RBU OR HOB	NO
ii. <2,000' FROM SCHOOL OR CHILD CARE CENTER	NO
iii. <1,500' FROM DESIGNATED OUTSIDE ACTIVITY AREA	NO
iv. <2,000' FROM JURISDICTIONAL BOUNDARY AND PLG OBJECTS	NO
v. WITHIN FLOODPLAIN	NO
vi. aa. WITHIN A SURFACE WATER SUPPLY AREA	NO
vi. bb. <2,640' FROM TYPE III OR GUDI WELL	NO
vii. WITHIN/IMMEDIATELY UPGRADIENT OF WETLAND OR RIPARIAN	YES
viii. IN HIGH PRIORITY HABITAT AND CPW DID NOT WAIVE	NO
ix. OPERATOR USING SURFACE BOND	NO
x. <2,000' FROM A RBU/HOBU/SCHOOL WITHIN A DIC	NO

REFERENCE LOCATION

ONYX FEDERAL 1

LAT: 40.551861° N
LONG: 104.753350° W
ELEVATION: 4894'
551' FNL & 268' FVL
PDOP: 1.4
GPS OPERATOR: STEVE ROERIG

DISCLAIMER:
THIS PLOT DOES NOT REPRESENT A MONUMENTED LAND SURVEY AND SHOULD NOT BE RELIED UPON TO DETERMINE BOUNDARY LINES, PROPERTY OWNERSHIP OR OTHER PROPERTY INTERESTS. PARCEL LINES, IF DEPICTED HAVE NOT BEEN FIELD VERIFIED AND MAY BE BASED UPON PUBLICLY AVAILABLE DATA THAT ALSO HAS NOT BEEN INDEPENDENTLY VERIFIED.

PAGE 002 OF 002



FIELD DATE: 02-19-22	DRAWING DATE: 02-02-23
DRAWN BY: HJL	CHECKED BY: CSG

SITE NAME: ONYX PAD
SURFACE LOCATION: NW 1/4 NW 1/4 SEC. 26, T7N, R66W, 6TH P.M.
WELD COUNTY, COLORADO

DATA SOURCE: AERIAL IMAGERY: NAIP 2019 DISPROPORTIONATELY IMPACTED COMMUNITIES: COGCC
PUBLICLY AVAILABLE DATA SOURCES HAVE NOT BEEN INDEPENDENTLY VERIFIED BY ASCENT.

LEGEND:

