

Wildlife Plan

Sammons Ranch

Helium Gas Wells

315310C, 315310D

315315A, 315315C



August 2021

1.0 Introduction

This Wildlife Plan (Plan) has been prepared by Vecta Oil & Gas, Ltd. (Vecta) for its Sammons Ranch helium gas well development in Las Animas County, Colorado (Wells 315310C; 315310D; 315315A; 315315C). The Plan addresses the Colorado Oil & Gas Conservation Commission (COGCC) requirement at Rule 304.c.(17) to prepare a Wildlife Plan and the wildlife criteria in Rules 1201 and 1202.a.

The Oil and Gas Locations have existing disturbances from historical ranching operations, dirt roads, and a nearby man-made stock pond.

2.0 Wildlife Habitat Mapping

The locations are not within high priority habitat (HPH), as shown on the attached Form 2A, Wildlife Habitat Map, for each location. Sources consulted for wildlife mapping include COGCC GIS Online; U.S. Fish & Wildlife Service, Migratory Bird Program; U.S. Fish & Wildlife Service, IPaC; and Colorado Parks & Wildlife. The federal data indicates that there are no affected critical habitats. State data indicates that there are no state threatened or endangered species or mapped raptor nests.

3.0 Alternative Location Analysis

Alternative location analyses per Rule 304.b.(2).B.viii were not conducted because the locations are not within HPH.

4.0 Implementation of Operating Requirements

Table 1 describes how the operator will implement Rules 1202.a.(1-10) and 1202.b for the Oil and Gas Location.

Table 1. Implementation of Operating Requirements

Provision	Implementation of Operating Requirements
1202.a.(1)	The operator will install and use bear-proof dumpsters and trash receptacles for unsecured food-related trash at all facilities that generate trash.
1202.a.(2)	The operator will not withdraw from or discharge into surface waters.
1202.a.(3)	The operator will not situate new staging, refueling, or chemical storage areas within 500 feet of the ordinary high water mark of any river, perennial or intermittent stream, lake, pond, or wetland.
1202.a.(4)	The Oil and Gas Locations will have no drilling, production, or other fluid pits.
1202.a.(5)	Trenches left open for more than 5 consecutive days during construction of pipelines regulated under the 1100 Series Rules will have wildlife escape ramps at a minimum of one ramp per ¼ mile of trench.
1202.a.(6)	When conducting interim and final reclamation pursuant to Rules 1003 and 1004, the operator will use CPW-recommended seed mixes for reclamation when consistent with the surface owner's approval and any local soil conservation district recommendations.
1202.a.(7)	The operator will use CPW-recommended fence designs when consistent with the surface owner's approval and any relevant local government requirements.
1202.a.(8)	The operator will conduct all vegetation removal necessary for oil and gas operations outside of the nesting season for migratory birds (April 1 to August 31). For any vegetation removal that must be scheduled between April 1 to August 31, the operator will implement appropriate hazing or other exclusion measures prior to April 1 to avoid take of migratory birds. If hazing or other exclusion measures are not implemented, the

Provision	Implementation of Operating Requirements
	operator will conduct pre-construction nesting migratory bird surveys within the approved disturbance areas prior to any vegetation removal during the nesting season. If active nests are located, the operator will provide work zone buffers around active nests.
1202.a.(9)	The Oil and Gas Locations will have no drilling, production, or other fluid pits.
1202.a.(10)	The Oil and Gas Locations are not located between 500 feet and 1000 feet hydraulically upgradient from an HPH identified in Rule 1202.c.(1).Q-S.
1202.b	The operator is not proposing to construct flowline or utility crossings of perennial streams identified as aquatic HPH.

5.0 General Operating Requirements

Table 2 lists general statewide standard operating requirements to protect wildlife habitat and resources.

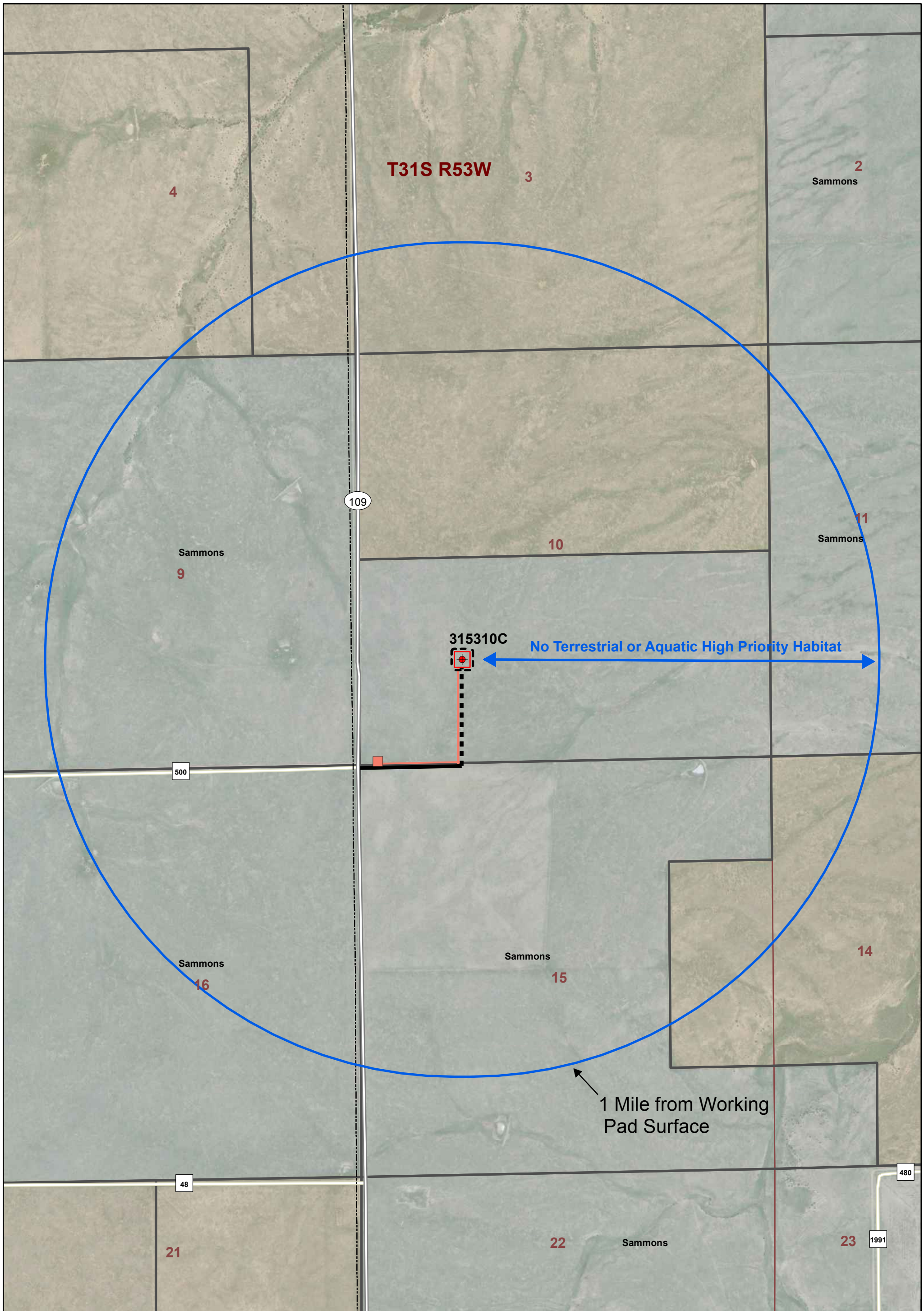
Table 2. General Operating Requirements

The Operator Will	
1.	Inform and educate employees and contractors on wildlife conservation practices, including no harassment or feeding of wildlife.
2.	Consolidate and centralize fluid collection and distribution facilities to minimize impact to wildlife.
3.	Adequately size infrastructure and facilities to accommodate both current and future gas production.
4.	Implement fugitive dust control measures.
5.	Minimize rig mobilization and demobilization by completing or re-completing all wells from a given well pad before moving rigs to a new location.
6.	To the extent practicable, share and consolidate new corridors for pipeline rights-of-way to minimize surface disturbance.
7.	Engineer new pipelines to reduce field fitting and reduce excessive right-of-way widths and reclamation.
8.	Mow or brush hog vegetation where appropriate, leaving root structure intact, instead of scraping the surface, where allowed by the surface owner.
9.	Limit access to oil and gas access roads where approved by surface owners, surface managing agencies, or local government.
10.	Post speed limits and caution signs to the extent allowed by surface owners, Federal and state regulations, local government, and land use policies.
11.	Use wildlife-appropriate fencing where acceptable to the surface owner.
12.	Use topographic features and vegetative screening to create seclusion areas, where acceptable to the surface owner.
13.	Use remote monitoring of well production to the extent practicable.
14.	Reduce traffic associated with transporting drilling water and produced liquids through the use of pipelines, large tanks, or other measures.

The Operator Will	
15.	Use existing access and existing disturbed areas as much as possible to avoid new disturbance and habitat fragmentation and to minimize new road construction.
16.	When conducting interim and final reclamation pursuant to Rules 1003 and 1004, use CPW-recommended seed mixes for reclamation when consistent with the surface owner's approval and any local soil conservation district requirements.
17.	Avoid dust suppression activities within 300 feet of the ordinary high water mark of any reservoir, lake, wetland, or natural perennial or seasonally flowing stream or river.

Attachments

Wildlife Habitat Drawings



Aota Technical, LLC

Vecta Oil & Gas, Ltd.
Sammons Ranch 315310C
Wildlife Habitat Map
 Las Animas County
 CSW Sec. 10, T31S R53W, 6th P.M.

Date: 9/27/21
 Figure No.: Figure 3

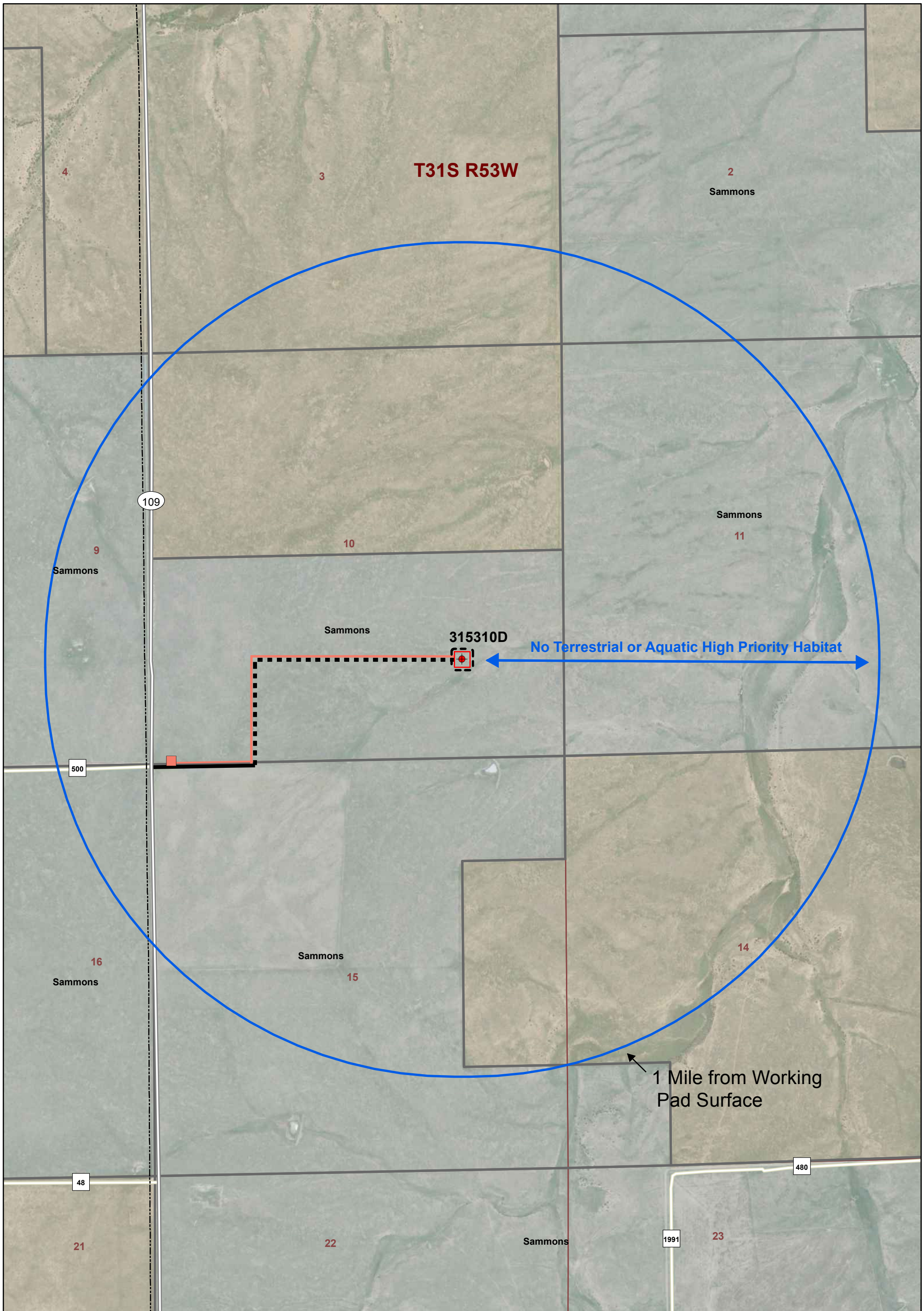
- Legend**
- Conventional Vertical Helium Gas Well
 - Water Well Constructed
 - Skid-mounted Helium Purification Unit
 - Working Pad Surface (200' x 200')
 - Oil and Gas Location (210' x 210')
 - 1 Mile from Working Pad Surface
 - Buried Helium Gas Flowline
 - Existing Access
 - New Access
 - Parcel Boundary

0 500 1,000 2,000

Feet

N

Data Sources:
 COGCC GIS Online
 Colorado Parks & Wildlife
 U.S. Fish & Wildlife Service, IPAC
 U.S. Fish & Wildlife Service, Migratory Bird Program



Aota Technical, LLC

Vecta Oil & Gas, Ltd.
Sammons Ranch 315310D
Wildlife Habitat Map
 Las Animas County
 CSE Sec. 10, T31S R53W, 6th P.M.

Date: 9/27/21
 Figure No.: **Figure 3**

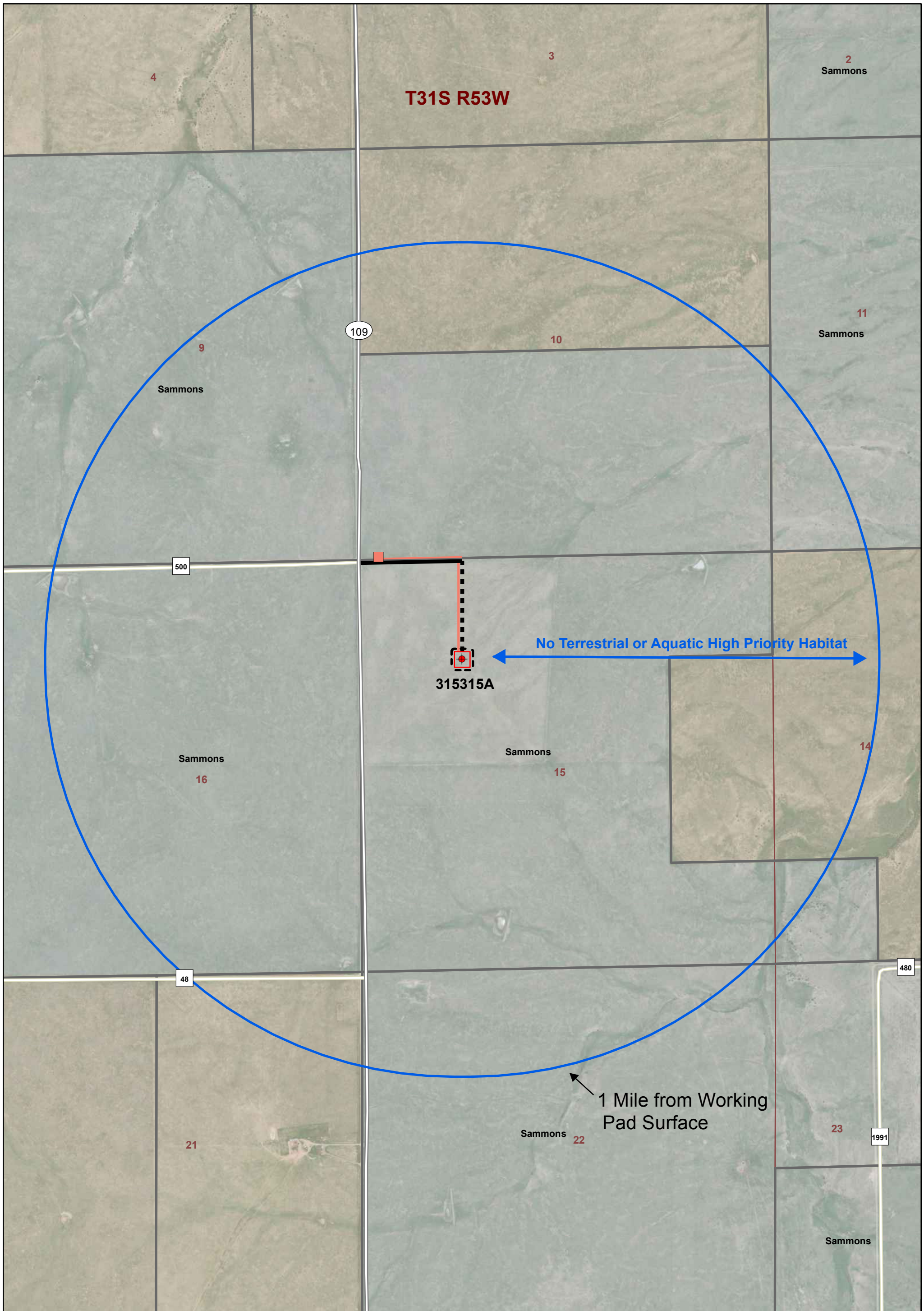
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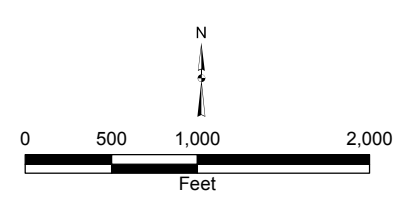


Aota Technical, LLC

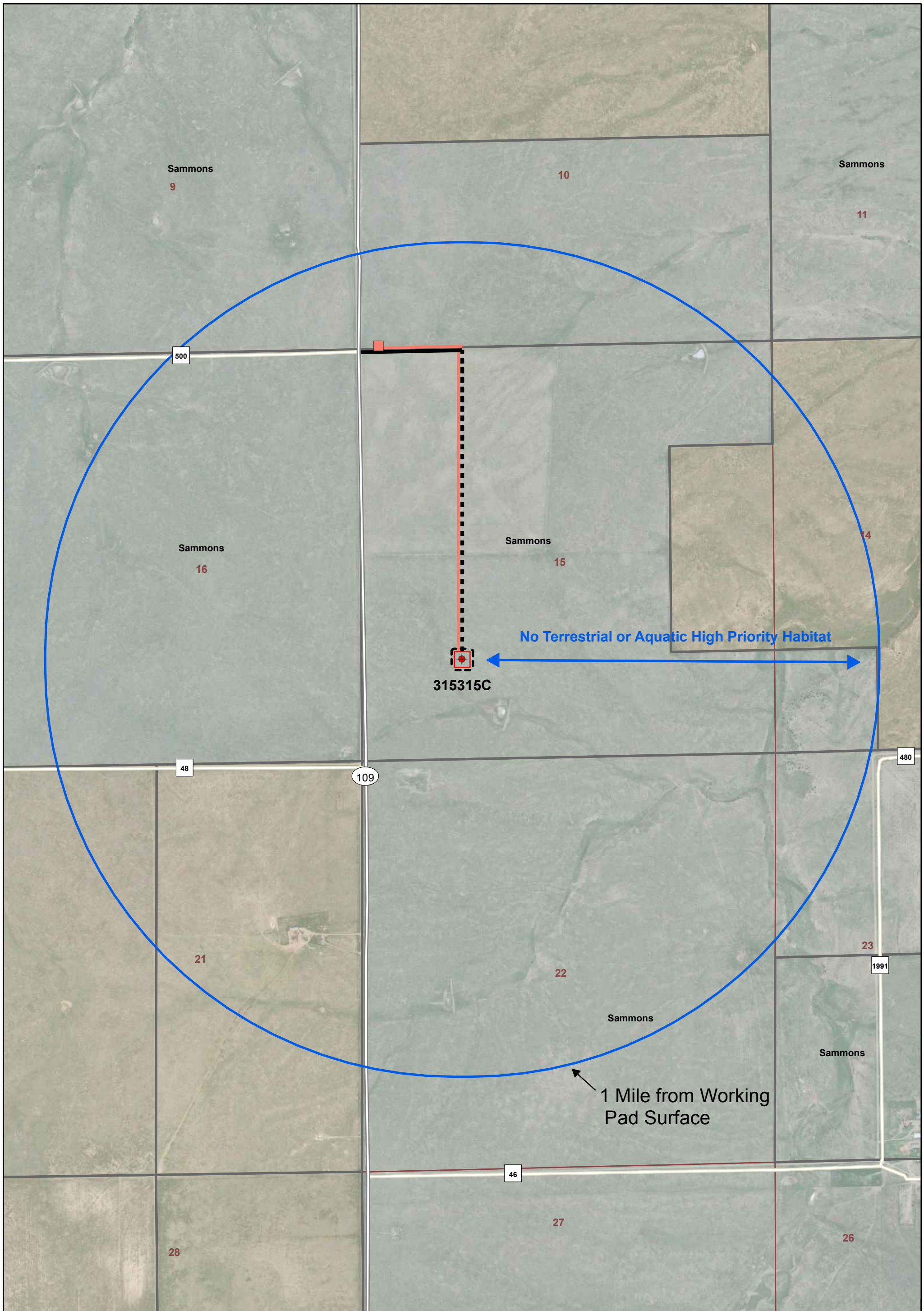
Vecta Oil & Gas, Ltd.
Sammons Ranch 315315A
Wildlife Habitat Map
 Las Animas County
 CNW Sec. 15, T31S R53W, 6th P.M.

Date: 9/27/21
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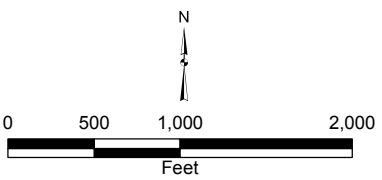


Aota Technical, LLC

Vecta Oil & Gas, Ltd.
Sammons Ranch 315315C
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 Las Animas County
 CSW Sec. 15, T31S R53W, 6th P.M.

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