

**RULE 304.e. SUBSTANTIALLY EQUIVALENT INFORMATION COVER SHEET**

**Ruh State Oil and Gas Development Plan, Docket #**

**Ruh State North Pad: NWNW Section 1, Township 6 North, Range 62 West**

**Form 2A Doc #403049950**

**Weld County, Colorado**

The attached 1041 WOGLA Application is being submitted as a substantially equivalent document to the Transportation Plan required by COGCC Rule 304.c.(6).

This document was developed for the Weld County 1041 WOGLA.

This document does not conform to COGCC rules or guidance in the following ways:

None.

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This document should be accepted as substantially equivalent:

The attached Required Information Part D (Pages 25-27) and the attached Weld County Access Permit (approved as AP19-00143, page 95) within the 1041 WOGLA Application 1041WOGLA22-0017 being concurrently permitted with this OGDG contains all of the substantially equivalent information required as an equivalent traffic planning document pursuant to Rule 304.c.(6).

As confirmed during the 1041 WOGLA Pre-App Meeting 4/6/2022, the Town of Eaton's haul route is changing soon. The Planning Department acknowledged this change with the town's haul route and asked Bayswater if they would be agreeable to amending their traffic distribution to 100% of heavy haul traffic to travel south on CR 33. Bayswater agreed to this change to the heavy haul traffic.

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to OGED. If a Odor Mitigation Plan is required, then the provided plan will replace the need for this statement.

Please see Odor Mitigation Plan submitted with 1041 WOGLA Application.

7. Describe how the proposed Oil and Gas Location will comply with the Colorado Water Quality Control Commission regulations. Include the applicable CDPHE Construction Stormwater Permit number(s).

Bayswater will comply with the Colorado Water Quality Control Commission regulations by following the active Stormwater Management Plan, which outlines the BMP's, inspection processes and spill prevention that will be implemented during facility construction and postconstruction activities for this location. The location will be covered under Bayswater's field-wide Stormwater permit, COR400369.

8. Describe any additional measures that will be implemented to minimize adverse environmental impacts and protect public health, safety and welfare, including the environment and Wildlife Resources.

Bayswater consulted with the surface owner to minimize the impact on agricultural operations associated with the property. The facilities were located such that they are on the edge of the property and the least disruptive to the farming operations as possible. Upon completion of all drilling and completion operations and in accordance with Weld County and COGCC rules and regulations, the disturbed area not needed for production operations will be reclaimed and returned to the surface owner.

Bayswater will comply with all applicable Weld County regulations as well as with COGCC 900 Series rules related to E&P waste. A closed-loop system will be used during drill operations. All drilling fluids and cuttings will be disposed of at a commercial disposal location.

Drilling waste will be hauled off site by a licensed third-party transporter to be disposed of at a properly permitted commercial waste facility per COGCC Rule 907.e, as well as with any applicable Weld County regulations.

- D. Please provide a description of the kind of vehicles (type, size, weight) that will access the Oil and Gas Location during drilling and completion operations and define the haul route. This description shall include the following information:

1. The number of round trips/day (Round trip = 1 trip in and 1 trip out) expected for each vehicle (type, size, weight) passenger cars/pickups, tandem trucks, semi-truck/trailer/RV.

The duration of drilling and completion activity at this site is estimated to be between 7-8 months and will range from passenger cars and pickups, to semi-truck/trailers and tandem truck vehicles. All 12 wells will be drilled at one time.

During the move in and move out of the actual drilling rig equipment, the expected number of per day roundtrips is estimated to be approximately 30 passenger cars/pickups and 40 semi-truck/trailers. For the other days during the drilling phase of the operation, the roundtrip numbers should be reduced to 15 trips/day for passenger cars/pickups and 20 semi-truck/trailer or tandem trucks.



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During the move in and move out of the actual hydraulic fracturing completion equipment, the expected number of per day roundtrips is estimated to be approximately 40 passenger cars/pickups and 120 semi-truck/ trailers. For the other days during the completion phase of the operation, the roundtrip numbers are estimated to be 25 passenger cars/pickups and 100 semi-truck/trailers.

<b>Estimated Pad Traffic</b>				<b>12 2 mile Wells</b>			
	<b>Daily</b>		<b>Days</b>		<b>Daily</b>		<b>Days</b>
	<b>Heavy</b>	<b>Light</b>			<b>Heavy</b>	<b>Light</b>	
Pad Construction	20	5	14				
MIRU & RDMO Rig	40	30	6				
Drilling Operations	15	20	84				
Completion Operations	100	25	142				
Drill Outs & Flowback	80	20	24				
Battery Construction	5	15	24				
<b>Pad Trip Totals</b>	18,020	6,320	294				
<b>Per Well Totals</b>	1,502	527	24.5				
<b>Average per day</b>	43	19					

2. The routes vehicles will travel from the access of the Oil and Gas Location to the nearest county designated arterial or collector roadway or state highway.  
The proposed access point for ingress and egress is directly onto paved collector WCR 33. Access will be shared with the Leffler 26-A Pad using approved access permit AP19-00143.
3. The travel distribution along the identified haul routes (e.g. 50% of traffic will come from the north, 20% from the south, 30% from the east, etc.).  
The travel distribution along the routes is expected to be 50% North and 50% south on CR 33 for light loads/vehicles and 100% south on CR 33 for heavy haul loads/vehicles.
4. The time of day when the highest traffic volumes are expected.  
The highest traffic volumes are expected at the beginning and end of daylight hours 6-10 AM, 5-8 PM. During frac'ing operations, sand delivery via the Sand Box system will be fairly continuous throughout the 24-hr day.
5. Describe site-specific traffic reduction measures that will utilized.



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Applicable traffic reduction measures shall be employed, such as installation of a LACT skid, oil pipeline takeaway, and automation of wells. All water utilized for hydraulic fracturing operations will be pumped to location via canals, ditches and transferred via pipe, thereby significantly reducing truck traffic for hauling water by up to 3,000 truckloads per well. Water for frac operations will be stored via a temporary Minion tank.

E. Describe plans for interim and final reclamation of the proposed Oil and Gas Location.

Operator shall be responsible for segregating the topsoil, backfilling, repacking, reseeding, and recontouring the surface of any disturbed area so as not to interfere with Owner's operations and shall reclaim such area to be returned to pre-existing conditions as best as possible with control of all weeds.

Within 90 days subsequent to the time of plugging and abandonment of the entire site, superfluous debris and equipment shall be removed from the site. The Operator shall restore the surface of the Land affected by such terminated operations as near as possible to the previous state that existed prior to operations.

# WELD COUNTY ACCESS PERMIT

Weld County Public Works Department  
1111 H Street  
P.O. Box 758  
Greeley, CO 80632



Phone: (970) 304-6496

## Permit Number: AP19-00143

Issuance of this permit binds applicant and its contractors to all requirements, provisions, and ordinances of Weld County, Colorado.

<b>Project Name:</b>	WOGLA19-0046	<b>Access is on WCR:</b>	33
<b>Permit Expiration Date:</b>	04/22/2020	<b>Nearest Intersection WCR:</b>	33 - 76
<b>Planning/Building Process:</b>	WOGLA Yes	<b>Distance From Intersection:</b>	5270
<b>Parcel(s):</b>	070726200014	<b>Number of Existing Accesses:</b>	2
<b>Proposed Use:</b>	Industrial	<b>Latitude:</b>	40.55324
	Oil and Gas	<b>Longitude:</b>	-104.75415

### Applicant Information:

Name: Justin Garrett  
Company: Bayswater Exploration & Production LLC c/o Ascer  
Phone: 303-928-7128  
Email: regulatory@ascentgeomatics.com

### Owner Information:

Name: Glenn C. & Lee Shannon Leffler  
Company: Glenn C. & Lee Shannon Leffler  
Phone: 9970-381-2453  
Email:

### Road Surface Type and Construction Information:

Road Surface: Asphalt  
Culvert Size and Type: 15" CMP/RCP minimum if required  
Material to Construct Access: existing  
Start Date:      Finish Date:

### Required Attached Documents Submitted:

Traffic Control Plan: Yes      Certificate of Insurance:      Access Pictures: Yes

A Copy of this permit must be on site at all times during construction hours

Daily work hours are Monday through Friday DAYLIGHT to 1/2 HOUR BEFORE DARK (applies to weekends if approved)

Approved MUTCD traffic control / Warning devices are required before work begins and must remain until completion of work

\*\* Crushed or recycled concrete SHALL NOT be used for tracking material in the County ROW

All access points shall comply with Weld County Engineering and Construction Criteria found at:

[https://library.municode.com/co/weld\\_county/codes/chapter\\_and\\_county\\_code?nodeId=CH12LIPE\\_AP\\_APX12-AWECOENCOCR](https://library.municode.com/co/weld_county/codes/chapter_and_county_code?nodeId=CH12LIPE_AP_APX12-AWECOENCOCR)

Unless otherwise authorized.

### Special Requirements or Comments

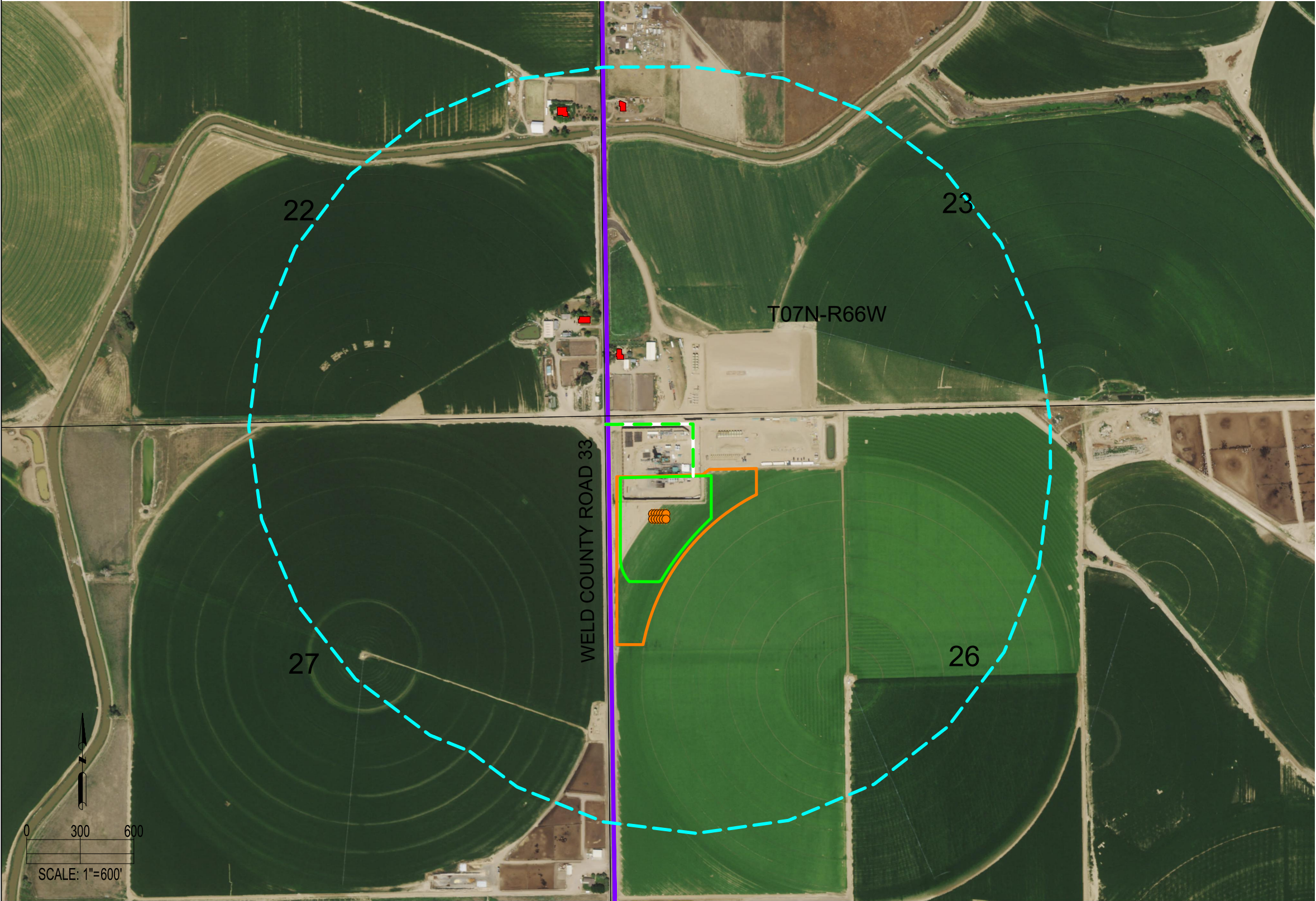
Utilize existing access point on CR. 33 (1-O&G) located approx. 5270ft north of CR. 76.

CR 33 is a Collector roadway with a 60 ft. setback from centerline.

Approved By:



ONYX PAD  
ACCESS ROAD MAP



RESIDENTIAL BUILDING UNITS: (WITHIN 2000' ACCESS ROAD BUFFER)	
RESIDENTIAL BUILDING UNITS:	4
HIGH OCCUPANCY BUILDING UNITS:	0
SCHOOLS:	0
CHILD CARE CENTERS:	0

ACCESS ROAD LENGTH:	
EXISTING ACCESS ROAD LENGTH:	±773'

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, 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:  
05-19-22

DRAWN BY:  
HJL

DRAWING  
DATE:  
02-09-23

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


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


LEGEND:


 = PROPOSED WELL


 = EXISTING ACCESS ROAD


 = PUBLIC ROAD - PAVED


 = SECTION LINE

 = TOWNSHIP LINE


 = RESIDENTIAL BUILDING UNIT

 = 2000' ACCESS ROAD BUFFER

 = OIL & GAS LOCATION

 = WORKING PAD SURFACE

PREPARED FOR:



BAYSWATER  
EXPLORATION & PRODUCTION, LLC