



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

**Ruh State Oil and Gas Development Plan**

**Ruh State South Pad: SENE Section 11, Township 6 North, Range 62 West**

**Form 2A Doc #403049953**

**Weld County, Colorado**

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

This document was developed for the Weld County 1041 WOGLA.

This document does not conform to ECMC 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 approved Weld County Access Permit within the 1041 WOGLA Application 1041WOGLA22-0022 has been permitted and approved prior to submittal of this OGDG and contains all of the substantially equivalent information required as an equivalent traffic planning document pursuant to Rule 304.c.(6).

# 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: APOG23-0028**

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

<b>Project Name:</b>	<b>Access is on WCR:</b>	83
<b>Permit Expiration Date:</b>	<b>Nearest Intersection WCR:</b>	83 - 74
<b>Planning/Building Process</b>	<b>Distance from Intersection:</b>	7392
1041WOGLA22-0022 No	<b>Number of Existing</b>	1
<b>Parcel(s):</b>	<b>Accesses:</b>	
079711100004	<b>Access Width:</b>	24-40'
<b>Proposed Use:</b>	<b>Access Turning Radii:</b>	60'
Industrial	<b>Latitude:</b>	40.503256
	<b>Longitude:</b>	-104.279877

<b>Applicant Information:</b>	<b>Owner Information:</b>
<b>Name:</b>	<b>Name:</b>
Jordan Lukasik	
<b>Company:</b>	<b>Company:</b>
Herv Oil LLC c/o Ascent Geomatics Solutions	Marjorie and William Ruh
<b>Phone:</b>	<b>Phone:</b>
303-928-7128	
<b>Email:</b>	<b>Email:</b>
regulatory@ascentgeomatics.com	

**Road Surface Type and Construction Information:**

Road Surface: Gravel

Culvert Size and Type: 15" CMP/RCP minimum if required


Material to Construct Access: Road Base

Start Date: Finish Date:

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 shared access point on CR 83 (1-O&G IND) located approximately 7392' South of CR 74.

<b>Approved By:</b>		Laura Gomez
		2023.03.02 13:34:32 -07'00'



HERV Oil 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 HERV Oil's Stormwater permit that is being concurrently applied for alongside this application.

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.

HERV Oil 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.

HERV Oil will comply with all applicable Weld County regulations as well as with COGCC 900 Series rules related to environmental impact prevention. 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 905.b.(1), as well as with any applicable Weld County regulations.

HERV Oil commits to pipeline takeaway from first production thereby significantly reducing truck traffic and trips. There will be a Trucking LACT Unit present for takeaway during emergency and upset conditions only. Temporary Truck Loading during the flowback phase is present to handle the large water takeaway that will be required so that multiple trucks can load at once. During flowback, the permanent oil tanks may be used to hold produced water temporarily so that additional temporary water tanks, beyond the two temp minion water tanks that are in this application, do not need to be set in an effort to reduce and minimize impacts.

- 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 estimated duration of drilling and completion activity at each pad site is estimated to be between 4-5 months and will range from passenger cars and pickups, to semi-truck/trailers and tandem truck vehicles.

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 20 semi-truck/trailers. For the other days during the drilling phase of the operation, the roundtrip



numbers should be reduced to 20 trips/day for passenger cars/pickups and 15 semi-truck/trailer or tandem trucks. All eight (8) wells will be drilled at the same time.

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 50 passenger cars/pickups and 75 semitruck/trailers. For the other days during the completion phase of the operation, the roundtrip numbers are estimated to be 35 passenger cars/pickups and 60 semi-truck/trailers.

Estimated Pad Traffic	8 2-mile Wells		
	Daily Light	Daily Heavy	Days
Pad & Battery Construction	8	5	24
MIRU & RDMO Rig	30	20	10
Drilling Operations	20	15	46
Completion Move-In/Out	50	75	10
Completion Operations	35	60	46
Initial Production/Flowback	0	27	90
<b>Pad Trip Totals</b>	3522	6950	226
<b>Per Well Totals</b>	440	869	28
<b>Average per day</b>	16	30	

- 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 WCR 83 thence north to WCR 74 heading west towards state highway 392.
- 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 100% North on WCR 83.
- 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.

Applicable traffic reduction measures shall be employed, such as installation of a LACT skid, oil pipeline takeaway, and automation of wells. Water for frac operations will be stored via temporary Minion tanks.

- 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.