

FORM
2A

Rev
02/20

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

402442946

Date Received:

07/29/2020

Oil and Gas Location Assessment

☒ New Location ☐ Refile ☐ Amend Existing Location Location#: _____

This Oil and Gas Location Assessment is to be submitted to the COGCC for approval prior to any ground disturbance activity associated with oil and gas operations. Approval of this Oil and Gas Location Assessment will allow for the construction of the below specified Location; however, it does not supersede any land use rules applied by the local land use authority. Please see the COGCC website at <https://cogcc.state.co.us/> for all accompanying information pertinent this Oil and Gas Location Assessment.

Location ID:

478120

Expiration Date:

09/24/2023

☒ This location assessment is included as part of a permit application.

CONSULTATION

- ☐ This location is included in a Comprehensive Drilling Plan. CDP # _____
- ☐ This location is in a sensitive wildlife habitat area.
- ☐ This location is in a wildlife restricted surface occupancy area.
- ☐ This location includes a Rule 306.d.(1)A.ii. variance request.

Operator

Operator Number: 10177

Name: ENERPLUS RESOURCES (USA) CORPORATION

Address: 950 17TH STREET #2200

City: DENVER State: CO Zip: 80202

Contact Information

Name: Jacob Everhart

Phone: (720) 279-6743

Fax: ()

email: jeverhart@enerplus.com

FINANCIAL ASSURANCE

☒ Plugging and Abandonment Bond Surety ID (Rule 706): 20170023 ☐ Gas Facility Surety ID (Rule 711): _____

☐ Waste Management Surety ID (Rule 704): _____

LOCATION IDENTIFICATION

Name: Calgary Streets Number: _____

County: WELD

QuarterQuarter: SWSW Section: 26 Township: 8N Range: 67W Meridian: 6 Ground Elevation: 5154

Define a single point as a location reference for the facility location. When the location is to be used as a well site then the point shall be a well location.

Footage at surface: 345 feet FSL from North or South section line

247 feet FWL from East or West section line

Latitude: 40.626263 Longitude: -104.868635

GPS Quality Value: 1.6 Type of GPS Quality Value: PDOP Date of Measurement: 02/13/2020

Instrument Operator's Name: Allen Shaffett

LOCAL GOVERNMENT INFORMATION

County: WELD Municipality: N/A

Per § 34-60-106 (1)(f)(I)(A), the following questions pertain to the "local government with jurisdiction to approve the siting of the proposed oil and gas location."

The local government with jurisdiction is: County

Does the local government with jurisdiction regulate the siting of Oil and Gas Locations, with respect to this location? If the local government does regulate the siting, but has waived its right to precede the COGCC in siting determination, indicate by selecting "YES" here and selecting "Waived" for the disposition below. ☒ Yes ☐ No

If yes, in checking this box, I hereby certify that an application has been filed with the local government with jurisdiction to approve the siting of the proposed oil and gas location. ☒

The local government siting permit type is: 1041WOGLA20-0050

The local government siting permit was filed on: 05/27/2020

The disposition of the application filed with the local government is: Approved

Additional explanation of local process:

1041WOGLA20-0050 approved on 7/23/2020

RELATED REMOTE LOCATIONS

(Enter as many Related Locations as necessary. Enter the Form 2A document # only if there is no established COGCC Location ID#)

This proposed Oil and Gas Location is: LOCATION ID # FORM 2A DOC #



FACILITIES

Indicate the number of each type of oil and gas facility planned on location

Wells <u>8</u>	Oil Tanks* <u>5</u>	Condensate Tanks* <u> </u>	Water Tanks* <u>2</u>	Buried Produced Water Vaults* <u> </u>
Drilling Pits <u> </u>	Production Pits* <u> </u>	Special Purpose Pits <u> </u>	Multi-Well Pits* <u> </u>	Modular Large Volume Tanks <u>1</u>
Pump Jacks <u>8</u>	Separators* <u>2</u>	Injection Pumps* <u> </u>	Cavity Pumps* <u> </u>	Gas Compressors* <u>4</u>
Gas or Diesel Motors* <u> </u>	Electric Motors <u> </u>	Electric Generators* <u> </u>	Fuel Tanks* <u> </u>	LACT Unit* <u> </u>
Dehydrator Units* <u> </u>	Vapor Recovery Unit* <u> </u>	VOC Combustor* <u> </u>	Flare* <u> </u>	Pigging Station* <u>1</u>

OTHER FACILITIES*

<u>Other Facility Type</u>	<u>Number</u>
----------------------------	---------------

Meter Building	<u>1</u>
----------------	----------

Those facilities indicated by an asterisk () shall be used to determine the distance from the Production Facility to the nearest cultural feature on the Cultural Setbacks Tab.

Per Rule 303.b.(3)C, description of all oil, gas, and/or water pipelines:

8 -2" Steel Gas Line, 8 - 6" Steel Gas Line, 8 - 8" Steel Gas Line, 2 - 4" Steel Gas Line, 2 - 4" Poly Water Line, 1- 8" Gathering Line

CONSTRUCTION

Date planned to commence construction: 11/01/2020 Size of disturbed area during construction in acres: 7.90
Estimated date that interim reclamation will begin: 11/01/2021 Size of location after interim reclamation in acres: 4.53
Estimated post-construction ground elevation: 5153

DRILLING PROGRAM

Will a closed loop system be used for drilling fluids: Yes

Is H₂S anticipated? No

Will salt sections be encountered during drilling: No

Will salt based mud (>15,000 ppm Cl) be used? No

Will oil based drilling fluids be used? Yes

DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE Drilling Fluids Disposal Method: Recycle/reuse

Cutting Disposal: OFFSITE Cuttings Disposal Method: Commercial Disposal

Other Disposal Description:

Oil-based drill cuttings will be properly disposed via Commercial Disposal. Water-based drill cuttings will be land applied for beneficial use as a soil amendment at the Enerplus Spreadfield

Beneficial reuse or land application plan submitted? Yes

Reuse Facility ID: 475549 or Document Number: _____

Centralized E&P Waste Management Facility ID, if applicable: _____

SURFACE & MINERALS & RIGHT TO CONSTRUCT

Name: Enerplus Resources (USA)

Phone: 720-279-6743

Address: 950 17th Street #2200

Fax: _____

Address: _____

Email: jeverhart@enerplus.com

City: Denver State: CO Zip: 80202

Surface Owner: ☒ Fee ☐ State ☐ Federal ☐ Indian

Check all that apply. The Surface Owner: ☒ is the mineral owner

☒ is committed to an oil and Gas Lease

☒ has signed the Oil and Gas Lease

☒ is the applicant

The Mineral Owner beneath this Oil and Gas Location is: ☒ Fee ☐ State ☐ Federal ☐ Indian

The Minerals beneath this Oil and Gas Location will be developed from or produced to this Oil and Gas Location: No

The right to construct this Oil and Gas Location is granted by: applicant is owner

Surface damage assurance if no agreement is in place: _____ Surface Surety ID: _____

Date of Rule 306 surface owner consultation _____

If this Form 2A is associated with Drilling and Spacing Unit applications, list docket number(s): _____

CURRENT AND FUTURE LAND USE

Current Land Use (Check all that apply):

Crop Land: ☐ Irrigated ☐ Dry land ☐ Improved Pasture ☒ Hay Meadow ☐ CRP

Non-Crop Land: ☐ Rangeland ☐ Timber ☐ Recreational ☐ Other (describe): _____

Subdivided: ☐ Industrial ☐ Commercial ☐ Residential

Future Land Use (Check all that apply):

Crop Land: ☐ Irrigated ☐ Dry land ☐ Improved Pasture ☒ Hay Meadow ☐ CRP

Non-Crop Land: ☐ Rangeland ☐ Timber ☐ Recreational ☐ Other (describe): _____

Subdivided: ☐ Industrial ☐ Commercial ☐ Residential

CULTURAL DISTANCE INFORMATION

Provide the distance to the nearest cultural feature as measured from Wells or Production Facilities onsite.

	From WELL	From PRODUCTION FACILITY
Building:	5280 Feet	5280 Feet
Building Unit:	5280 Feet	5280 Feet
High Occupancy Building Unit:	5280 Feet	5280 Feet
Designated Outside Activity Area:	5280 Feet	5280 Feet
Public Road:	4989 Feet	4840 Feet
Above Ground Utility:	4845 Feet	4666 Feet
Railroad:	5280 Feet	5280 Feet
Property Line:	247 Feet	80 Feet
School Facility::	5280 Feet	5280 Feet
School Property Line:	5280 Feet	5280 Feet
Child Care Center:	5280 Feet	5280 Feet

INSTRUCTIONS:

- All measurements shall be provided from center of nearest Well or edge of nearest Production Facility to nearest of each cultural feature as described in Rule 303.b.(3)A.
- Enter 5280 for distance greater than 1 mile.
- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.
- Building Unit, High Occupancy Building Unit, Designated Outside Activity Area, School Facility, and Child Care Center – as defined in 100 Series Rules.
- For measurement purposes only, Production Facilities should only include those items with an asterisk(*) on the Facilities Tab.

SCHOOL SETBACK INFORMATION

Was Notice required under Rule 305.a.(4)? ☐ Yes ☒ No

DESIGNATED SETBACK LOCATION INFORMATION

Check all that apply. This location is within a:

- ☐ Buffer Zone
☐ Exception Zone
☐ Urban Mitigation Area

- Buffer Zone - as described in Rule 604.a.(2), within 1,000' of a Building Unit.
- Exception Zone - as described in Rule 604.a.(1), within 500' of a Building Unit.
- Urban Mitigation Area - as defined in 100-Series Rules.
- Large UMA Facility – as defined in 100-Series Rules.

Pre-application Notifications (required if location is within 1,000 feet of a building unit):

Date of Rule 305.a.(1) Urban Mitigation Area Notification to Local Government: _____

Date of Rule 305.a.(2) Buffer Zone Notification to Building Unit Owners: _____

FOR MULTI-WELL PADS AND PRODUCTION FACILITIES WITHIN DESIGNATED SETBACK LOCATIONS ONLY:

☐ Check this box if this Oil and Gas Location has or will have Production Facilities that serve multiple wells (on- or offsite) and the Production Facilities are proposed to be located less than 1,000 feet from a Building Unit. *(Pursuant to Rule 604.c.(2)E.i., the operator must evaluate alternative locations for the Production Facilities that are farther from the Building Unit, and determine whether those alternative locations were technically feasible and economically practicable for the same proposed development.)*

☐ By checking this box, I certify that no alternative placements for the Production Facilities, farther from the nearest Building Unit, were available based on the analysis conducted pursuant to Rule 604.c.(2)E.i.

In the space below, explain rationale for siting the multi-well Production Facility(ies) that supports your Rule 604.c.(2)E.i determination. Attach documentation that supports your determination to this Form 2A.

SOIL

List all soil map units that occur within the proposed location. attach the National Resource Conservation Service (NRCS) report showing the "Map Unit Description" report listing the soil typical vertical profile. This data is to be used when segregating topsoil.

The required information can be obtained from the NRCS web site at <http://soildatamart.nrcs.usda.org/> or from the COGCC web site GIS Online map page found at <http://colorado.gov/cogcc>. Instructions are provided within the COGCC web site help section.

NRCS Map Unit Name: 48—Olney fine sandy loam, 3 to 5 percent slopes

NRCS Map Unit Name: _____

NRCS Map Unit Name: _____

PLANT COMMUNITY:

Complete this section only if any portion of the disturbed area of the location's current land use is on non-crop land.

Are noxious weeds present: Yes ☐ No ☒

Plant species from: ☐ NRCS or, ☐ field observation Date of observation: _____

List individual species:

Check all plant communities that exist in the disturbed area.

- ☐ Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye)
- ☐ Native Grassland (Bluestem, Grama, Wheatgrass, Buffalograss, Fescue, Oatgrass, Brome)
- ☐ Shrub Land (Mahogany, Oak, Sage, Serviceberry, Chokecherry)
- ☐ Plains Riparian (Cottonwood, Willow, Aspen, Maple, Poplar, Russian Olive, Tamarisk)
- ☐ Mountain Riparian (Cottonwood, Willow, Blue Spruce)
- ☐ Forest Land (Spruce, Fir, Ponderosa Pine, Lodgepole Pine, Juniper, Pinyon, Aspen)
- ☐ Wetlands Aquatic (Bullrush, Sedge, Cattail, Arrowhead)
- ☐ Alpine (above timberline)
- ☒ Other (describe): Crop field

WATER RESOURCES

Is this a sensitive area: ☒ No ☐ Yes

Distance to nearest

downgradient surface water feature: 1556 Feet

water well: 5634 Feet

Estimated depth to ground water at Oil and Gas Location 140 Feet

Basis for depth to groundwater and sensitive area determination:

Based on water well permit #116657 belonging to Philip Kennedy, northeast of the planned location.

There is a permitted water well 2414' to the SE of the proposed location, however, this well has not been drilled at the time this application was submitted.

Is the location in a riparian area: ☒ No ☐ Yes

Was an Army Corps of Engineers Section 404 permit filed ☒ No ☐ Yes If yes attach permit.

Is the location within a Rule 317B Surface Water Supply Area buffer No zone:

If the location is within a Rule 317B Surface Water Supply Area buffer have all public water supply systems within 15 miles been notified: _____

Is the Location within a Floodplain? ☒ No ☐ Yes Floodplain Data Sources Reviewed (check all that apply)

☒ Federal (FEMA)

☒ State

☒ County

☐ Local

☐ Other

GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING

Water well sampling required per Rule 609

WILDLIFE

☐ This location is included in a Wildlife Mitigation Plan

☐ This location was subject to a pre-consultation meeting with CPW held on _____

DESIGNATED SETBACK LOCATION EXCEPTIONS

Check all that apply:

☐ Rule 604.a.(1)A. Exception Zone (within 500' of a Building Unit) and is in an Urban Mitigation Area

☐ Rule 604.b.(1)A. Exception Location (existing or approved Oil & Gas Location now within a Designated Setback as a result of Rule 604.a.)

☐ Rule 604.b.(1)B. Exception Location (existing or approved Oil & Gas Location is within a Designated Setback due to Building Unit construction after Location approval)

☐ Rule 604.b.(2) Exception Location (SUA or site-specific development plan executed on or before August 1, 2013)

☐ Rule 604.b.(3) Exception Location (Building Units constructed after August 1, 2013 within setback per an SUA or site-specific development plan)

RULE 502.b VARIANCE REQUEST

☐ Rule 502.b. Variance Request from COGCC Rule or Spacing Order Number _____

ALL exceptions and variances require attached Request Letter(s). Refer to applicable rule for additional required attachments (e.g. waivers, certifications, SUAs).

OPERATOR COMMENTS AND SUBMITTAL

Comments The footages & latitude/longitude used on the Form 2A are in reference to the proposed Crowchild 7-67-3-34C. The DSU associated with this pad is Order Nos. 407-2359 & 535-939.

Due to siting restrictions, Enerplus is limited on the area available to develop this location. In accordance with rule 1003.b. Interim reclamation of areas no long in use, Enerplus is maximizing the use of the working pad space and considers the limited working area to be deemed reasonably necessary for production operations of this site.

* Enerplus has an internal standard that only places facilities on "cut" which helps to prevent any slope failure, tank settling, pipe stress, etc. This internal design control helps each pad design to be more suitable for holding facilities without any shifting or differential settlement.

* Options for removing fill material is limited to placement on the southside of the pad since placement on the north side of the pad is not an ideal option due to those areas being high truck traffic areas, facilities placement and flare location in the NW corner of the pad.

* If the south pad edge is reduced and the removed fill material (spoils pile) is placed on the south side, there would be no reduction in size/acreage since the removed fill material (spoils pile) itself will occupy the area reduced.

* For the above mentioned reasons, this location is designed in such a manner that the construction phase will disturb the absolute minimum amount of ground necessary to build a fully functional and safe location for future oil and gas production operations.

* The 7.9 acres that will be disturbed for construction and operations will remain until the working pad surface (approximately 4.53 areas) has been established. Any areas that will store topsoil or excess spoils, or part of stormwater control measures, will be interim reclaimed to reduce sediment migration.

Operator will ensure the new oil and gas operations align with the spirit of the new regulations of protecting public health, safety, welfare, the environment and wildlife resources set by SB 19-181. The location does not meet any of the Director's Objective Criteria.

Enerplus plans to construct the pad in November 2020 and commence drilling operations in December 2020 for (4) wells initially. The timeframe for interim reclamation reflects the amount of time that will be needed in order to fully install oil and water takeaway infrastructure which will connect the pad to the Enerplus Orca Centralized Gathering facility approximately 0.25 miles to the north. Gas takeaway via the Enerplus owned and operated Lazy T pipeline will be present at the time of initial production.

The vendor/manufacturer of the MLVT will be Wellwater Solutions. The volume of the MLVT will be 40,000 barrels. The MLVT will be onsite for 4 days per well, so a total of 16 days. The timeframe expected would be from late December 2020 through mid-January 2021.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: _____ Date: 07/29/2020 Email: jeverhart@enerplus.com

Print Name: Jacob Everhart Title: Regulatory Coordinator

Based on the information provided herein, this Oil and Gas Location Assessment complies with COGCC Rules, applicable orders, and SB 19-181 and is hereby approved.

COGCC Approved:  _____ Director of COGCC Date: 9/25/2020

Conditions Of Approval

All representations, stipulations and conditions of approval stated in this Form 2A for this location shall constitute representations, stipulations and conditions of approval for any and all subsequent operations on the location unless this Form 2A is modified by Sundry Notice, Form 4 or an Amended Form 2A.

COA Type	Description
Planning	Operator shall post a copy of the approved Form 2A on the location during all construction, drilling, and well completion activities.
Emissions mitigation	Green Completions -Test separators and associated flow lines, sand traps and emission control systems shall be installed on-site to accommodate green completions techniques. When commercial quantities of salable quality gas are achieved at each well, the gas shall be immediately directed to a sales line or shut in and conserved. If a sales line is unavailable or other conditions prevent placing the gas into a sales line, the operator shall not produce the wells without an approved variance per Rule 805.b.(3)C.

Best Management Practices

No	BMP/COA Type	Description
1	Traffic control	Operator shall ensure that at the time of construction that all leasehold roads shall be constructed to accommodate local emergency vehicle access requirements and shall be maintained in a reasonable condition. Operator worked with the Weld County Public Works Department to develop a road maintenance agreement and specific haul routes.
2	General Housekeeping	All trash, debris, scrap or discarded material connected with the operations of the property shall be removed from the premises and disposed of in a legal manner.
3	Storm Water/Erosion Control	Implement and maintain BMPs to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. Location will comply with applicable Colorado stormwater permitting requirements and associated stormwater management plan (SWMP). Operator utilizes a ditch and berm around the perimeter of the pad to contain sediment and will install sediment traps when adequate slopes allow. At the conclusion of construction, disturbed areas not required for ongoing operations and the topsoil spoil pile will be seeded with an appropriate seed mix. Inspections will occur per CDPHE stormwater regulatory requirements and any evidence of stormwater erosion will be repaired. Culverts will be installed along the lease road and maintained clear of sediment where appropriate.
4	Material Handling and Spill Prevention	The wells will be equipped with remote shut-in capabilities prior to commencing production. Remote capabilities include the ability to shut-in the well via a SCADA computer system for gathering, monitoring, and analyzing data in real time. Operator will also have remote monitoring and shut down capabilities including automatic shutdown pressure devices installed on process vessels. All produced fluids are routed onsite via subsurface pipelines to separators and then to the oil and produced water storage tanks at this tank battery.
5	Material Handling and Spill Prevention	Annual flowline testing will also occur according to COGCC Rule 1104. Inspection and record retention of flowline testing will be in accordance per COGCC regulation. All records will be made available to the COGCC upon request.
6	Dust control	Operator shall employ practices for control of fugitive dust caused by their operations. Such practices shall include the use of speed restrictions, regular road maintenance, restriction of construction activity during high-wind days, watering of lease roads and pad during construction, and silica dust controls when handling sand used in hydraulic fracturing operations. Additional management practices such as road surfacing, wind breaks and barriers may be used.
7	Construction	Visual Impacts: Equipment, regardless of construction date, which are observable from any public highway shall be painted with uniform, non-contrasting, non-reflective color tones (similar to the Munsell Soil Color Coding System), and with colors matched to, but slightly darker than, the surrounding landscape.
8	Construction	Operator certifies that the MLVTs used during completion operations shall only hold fresh water and will be designed and implemented consistent with the COGCC June 13, 2014 Policy on the Use of Modular Large Volume Tanks in Colorado.
9	Construction	Light sources during all phases of operations will be directed downwards and away from occupied structures.

10	Emissions mitigation	Associated Gas Flaring BMP. Following the last stage of separation associated gas will flow through a liquid knockout drum to remove entrained liquid phases. Following the liquid knockout drum, associated gas will flow to a smokeless combustion device capable of a 98% control efficiency. The combustion device will be equipped with a continuous pilot gas flame and an auto-ignitor. Operator will comply with all applicable Colorado Air Pollution Control Division requirements to ensure adequate design and operation of the control device is maintained.
11	Odor mitigation	Operator will use D822 as the base fluid which is a distillate. The characteristics of D822 allow for benefits stemming from lower BTEX levels and lower odor levels when compared to traditional diesel oil-based mud. If odor complaints are received and it is determined that they are caused by the invert drilling fluid, other mitigation steps will be reviewed which may involve the use of chemical additives to mitigate odor impacts. When planning a location, operator will take special consideration to the orientation of the drilling rig to the residential units to minimize the odor impacts. Operator will inspect the site for sources of Odor within 24 hours of a complaint and implement additional odor controls when necessary.
12	Interim Reclamation	Operator shall be responsible for segregating the topsoil, backfilling, re-compacting, reseeding, cross-ripping compacted soils, and re-contouring the surface of any disturbed area so as not to interfere with Owner's operations. Areas not required for ongoing production operations or not required for subsequent drilling operations to be commenced within twelve months shall be reclaimed per COGCC Interim Reclamation requirements.

Total: 12 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
2479400	WASTE MANAGEMENT PLAN
2479403	CORRESPONDENCE
402442946	FORM 2A SUBMITTED
402447675	NRCS MAP UNIT DESC
402447676	HYDROLOGY MAP
402447687	LOCATION PICTURES
402447694	ACCESS ROAD MAP
402447804	MULTI-WELL PLAN
402456115	LOCATION DRAWING

Total Attach: 9 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	The Waste Management Plan submitted with this Form 2A indicates Land Application Site Facility ID #450526 will be used to dispose of water based drill cuttings. Per a note on the Location file for this Land Application Site from COGCC Environmental Protection Specialist Rick Allison dated 9/8/20, "Land Application area closed, land application can continue to the west under facility 475549." Therefore the Facility ID #475549 is listed on this Form 2A.	09/18/2020
Final Review	Final Approval pending - referred to OGLA staff for follow up.	09/18/2020
Final Review	9/04/2020 - conducted final review; issues about interim reclamation and distance to surface water have been identified and the operator has been notified; discussed issues with operator and have changed the size of location after interim reclamation from 7.90 acres to 4.53 acres and revised distance to nearest downgradient surface water feature from 398 feet to 1556 feet (apparent irrigation ditch northeast of the location. The drainage shown on the Hydrology Map is a topo map remnant since the current area is a hay field and this drainage no longer exists (as field confirmed by operator); completed final review and passed the Final Review task.	09/04/2020
OGLA	OGLA review complete and tasks passed.	09/03/2020

OGLA	COGCC staff conducted its technical review of this Form 2A Oil and Gas Location Assessment within the context of SB 19-181 and the required Objective Criteria. This Form 2A did not meet any of the Objective Criteria and is compliant with all applicable COGCC rules.	09/03/2020
OGLA	COGCC staff reviewed and considered all public comments received for this Form 2A. The Colorado state legislature and the governor have directed the COGCC to continue the review and approval, if warranted, of oil and gas permits while Rulemaking is currently taking place. Per SB19-181, the Director has created a list of Objective Criteria with which staff are applying as part of the permit review process to address possible impacts to public health, safety, welfare, the environment, and wildlife resources in the interim until new Rules are approved. This permit will not be approved until any identified applicable Objective Criteria have been sufficiently addressed by both the COGCC and the operator, and it is determined that the permit is in compliance with all current Rules. The COGCC has Rules in place and the operator has also provided Best Management Practices on this Form 2A Oil & Gas Location Assessment that address potential impacts from well completion operations via hydraulic fracturing. Additionally, the operator has provided the required financial assurance to the COGCC.	09/03/2020
OGLA	IN PROCESS – received requested information from Operator on 09/03/20; COGCC review will resume and be conducted within 60 days (by 11/03/20).	09/03/2020
OGLA	<p>ON HOLD: This application has been reviewed by COGCC staff and cannot be approved based on the information submitted; therefore, the COGCC is placing this form ON HOLD until additional information is received from the applicant.</p> <p>In compliance with § 24-65.1-108(1), C.R.S., the COGCC is providing this written request for all additional information necessary for the COGCC to respond to this application. The applicant may provide all requested additional information to COGCC via email. Upon receipt of all requested information, the COGCC will have 60 days in which to approve, deny, or request all additional information necessary to complete the regulatory review. If the applicant no longer requires this application be approved, the applicant may request to withdraw the application.</p> <p>In addition to all standard required information and attachments, the COGCC hereby confirms the following information is necessary for review:</p> <p>1) In the Construction section Enerplus has indicated construction is planned to commence on 11/1/20 and interim reclamation will begin a full year later on 11/1/21. The proposed location is not a large pad, consisting of only 8 wells, and a few tanks, separators, compressors, etc. Why will it take a full year to begin interim reclamation? Does Enerplus not intend to build this pad and drill all the wells in one occupation?</p> <p>2) In the Construction section Enerplus has indicated the size of the disturbed area during construction will be 7.9 acres and after interim reclamation will remain at 7.9 acres. In effect, no interim reclamation will be taking place. Enerplus has included an operator comment that states "Due to siting restrictions, Enerplus is limited on the area available to develop this location." As Enerplus has indicated they are the Surface Owner, please provide additional information as to these siting restrictions that lead to no interim reclamation being proposed.</p> <p>3) Related to my Comment #2 above, Enerplus has included a Construction Layout Drawings attachment that appears to show a "Limits of Disturbance" that is larger than what is shown on the Location Drawing attachment. Also, the Production Phase Construction Plan (page 3 of this attachment) appears to indicate the disturbance area will be reclaimed back to 4.53 acres. Please provide additional information as to why the Location Drawing indicates the Oil & Gas Location is only within the fenced area while the Construction Layout Drawing indicates it will be greater than that and that the disturbed ground will be reclaimed back to 4.53 acres. All drawings and data fields on the Form 2A need to be consistent with each other or additional operator comments provided to explain the differences.</p> <p>4) In the Drilling Waste Management Program Enerplus has indicated that Reuse Facility ID #475549 will be utilized for drilling waste disposal. That Land Application Site has been permitted only for the disposal of water based bentonitic drill cuttings. Enerplus has indicated they will be using oil based drilling fluids and a Waste Management Plan that only speaks to Commercial Disposal of drill cuttings. Drill cuttings generated from the use of oil based drilling fluids are not allowed at this Land Application Site. Please provide updated Drilling Waste Management information and/or an updated Waste Management Plan that complies with COGCC requirements.</p>	08/31/2020

	<p>5) In the Water Resources section Enerplus has indicated the distance to the nearest downgradient surface water feature is 140 feet. However, the Hydrology Map does not depict a surface water feature this distance from the edge of the location. Please confirm the distance to the nearest downgradient surface water feature, and if necessary, revise the Hydrology Map.</p> <p>6) In the Water Resources section Enerplus has indicated the estimated depth to groundwater is 389 feet based on water well Permit #116657. A review of that water well permit indicates a static water level of 140 feet. Therefore, I would like to revise the estimated depth to groundwater from 389 feet to 140 feet.</p> <p>7) In the Water Resources section Enerplus has indicated that one of the Floodplain Data Sources reviewed was a State data source. If this was only the Floodplain layer on our COGIS Map, this is not an official State floodplain data source as that map layer comes from Federal FEMA sources. Please confirm what State Floodplain Data Source was reviewed.</p> <p>8) Enerplus is proposing eight wells with seven tanks (5 oil/2 water) for storage capacity. Is this sufficient storage capacity or will Enerplus be piping the liquids from this location? Also, how will produced gas takeaway be managed?</p> <p>9) Per the COGCC Policy on the Use of MLVTs, please provide the vendor/manufacture of the MLVT, the volume of the MLVT, and the anticipated timeframe it will be on the location.</p>	
Permit	With operators concurrence removed Docket # DSU has been approved. Order # 535.939. Permitting Review Complete.	08/19/2020
LGD	<p>This proposed oil and gas location is situated in the Agricultural Zone District of unincorporated Weld County.</p> <p>This proposed oil and gas location has already met the 1041 Weld Oil and Gas Location Assessment (WOGLA) criteria per Weld County Code.</p> <p>1041WOGLA20-0050 has been assigned to this location. All files associated with this record can be accessed through the Weld County E-Permit Center. A copy of the recorded order issued for this record can be found at the Weld County Clerk and Records officer under record #4616880.</p> <p>A building permit is required for the production facilities (tank battery, separators, pump jacks, compressors, generators, etc.) from the Department of Planning Services. Access points from County roads require an Access Permit from the Department of Public Works, which includes any necessary traffic control plans and Improvement Agreements. The use of County right-of-way requires a permit from the Department of Public Works.</p> <p>Jason Maxey</p> <p>Director, Oil Gas Energy Department and LGD</p> <p>970-400-3580</p>	08/10/2020
OGLA	This Form has passed completeness.	08/07/2020
OGLA	<p>This Form is being returned to Draft for the following updates:</p> <ol style="list-style-type: none"> 1. The Construction Layout Drawing does not meet guidance. The production facility is not included on the drawing. 2. Verify the MLVT count in the Facilities section. 	08/04/2020

Total: 12 comment(s)