

FORM
2A

Rev
04/18

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:

401606738

Date Received:

10/24/2018

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 <http://cogcc.state.co.us/> for all accompanying information pertinent this Oil and Gas Location Assessment.

Location ID:

Expiration Date:

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: 10687
 Name: ELEVATION MIDSTREAM LLC
 Address: 370 17TH ST SUITE 5300
 City: DENVER State: CO Zip: 80202

Contact Information

Name: Matthew Eyser
 Phone: (720) 974-7793
 Fax: ()
 email: matthew.eyser@elevation-midstream.com

FINANCIAL ASSURANCE

- Plugging and Abandonment Bond Surety ID (Rule 706): _____
- Gas Facility Surety ID (Rule 711): _____
- Waste Management Surety ID (Rule 704): _____

LOCATION IDENTIFICATION

Name: BUFFALO CS Number: _____
 County: WELD
 Quarter: NE/4 Section: 30 Township: 1N Range: 67W Meridian: 6 Ground Elevation: 5103

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: 515 feet FSL from North or South section line
736 feet FWL from East or West section line

Latitude: 40.023543 Longitude: -104.930613

PDOP Reading: 1.3 Date of Measurement: 07/30/2018

Instrument Operator's Name: TRAVIS WINNICKI

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 #
Production Facilities Location serves Well(s)	319094	401477008
		401524109
		401524113
		401525931
		401477000

FACILITIES

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

Wells	Oil Tanks*	1	Condensate Tanks*	Water Tanks*	Buried Produced Water Vaults*
Drilling Pits	Production Pits*		Special Purpose Pits	Multi-Well Pits*	Modular Large Volume Tanks
Pump Jacks	Separators*	1	Injection Pumps*	Cavity Pumps*	Gas Compressors*
Gas or Diesel Motors*	Electric Motors	14	Electric Generators*	Fuel Tanks*	LACT Unit*
Dehydrator Units*	Vapor Recovery Unit*		VOC Combustor*	1	Flare*
					1
					Pigging Station*
					4

OTHER FACILITIES*

<u>Other Facility Type</u>	<u>Number</u>
TEG Storage Tank	1

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:

Fuel Gas Line from CS: size: 4", material: steel, code: B31.3
 LP Gas from CGF to CS: size: 10", material: steel, code: B31.3

CONSTRUCTION

Date planned to commence construction: 08/01/2019 Size of disturbed area during construction in acres: 20.41
 Estimated date that interim reclamation will begin: 06/15/2020 Size of location after interim reclamation in acres: 13.69
 Estimated post-construction ground elevation: 5093

DRILLING PROGRAM

Will a closed loop system be used for drilling fluids: No

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? No

DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE Drilling Fluids Disposal Method: Commercial Disposal

Cutting Disposal: OFFSITE Cuttings Disposal Method: Commercial Disposal

Other Disposal Description:

Beneficial reuse or land application plan submitted?

Reuse Facility ID: or Document Number:

Centralized E&P Waste Management Facility ID, if applicable: 455012

SURFACE & MINERALS & RIGHT TO CONSTRUCT

Name: Elevation Midstream, LLC

Phone: 720-557-8300

Address: 370 17th Street, Suite 5300

Fax:

Address:

Email: kevin.williams@elevation-midstream.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

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:	_____ Feet	1958 Feet
Building Unit:	_____ Feet	1958 Feet
High Occupancy Building Unit:	_____ Feet	5280 Feet
Designated Outside Activity Area:	_____ Feet	5280 Feet
Public Road:	_____ Feet	1485 Feet
Above Ground Utility:	_____ Feet	1528 Feet
Railroad:	_____ Feet	5280 Feet
Property Line:	_____ Feet	208 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, and Designated Outside Activity Area - as defined in 100-Series Rules.
- For measurement purposes only, Production Facilities should only include those items with an asterisk(*) on the Facilities Tab.

DESIGNATED SETBACK LOCATION INFORMATION

Check all that apply. This location is within a:

- Buffer Zone
- Exception Zone
- Urban Mitigation Area

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: _____

- 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.

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 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: 82- Wiley-Colby complex, 1 to 3 percent slopes

NRCS Map Unit Name: 83 - Wiley-Colby complex. 3 to 5 percent

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): _____

WATER RESOURCES

Is this a sensitive area: No Yes

Distance to nearest

downgradient surface water feature: 60 Feet

water well: 1381 Feet

Estimated depth to ground water at Oil and Gas Location 425 Feet

Basis for depth to groundwater and sensitive area determination:

Borings performed during hydrological assessment as well as geotechnical surveys.
Nearest water well Permit No. 117336

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 N/A

WILDLIFE

This location is included in a Wildlife Mitigation Plan

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

Operator Proposed Wildlife BMPs

No BMP

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: Please refer to the "Other" attachment for a complete list of contributing wells/locations that do not yet have an assigned location number with the COGCC.

This facility is being submitted in conjunction with OGLA Doc #401606721 and Form 28, ID #455012.

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

Signed: _____ Date: 10/24/2018 Email: blamond@extractionog.com

Print Name: Bonnie Lamond Title: Regulatory Analyst

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: _____ Director of COGCC Date: _____

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

Rejected	Meets rejection criteria with three attachments incorrect and incorrect coordinates for the location reference point.
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Best Management Practices

No	BMP/COA Type	Description
1	Community Outreach and Notification	For any planned activities on the site, a letter and email will be sent to all adjacent neighbors letting them know about the activity, schedule and contact for any questions. Neighborhood meetings will also be utilized as necessary or requested.
2	Traffic control	There will be traffic during the construction phase of the project and we will keep all trucks on CR13 and CR6, both of which are paved roads.
3	General Housekeeping	Elevation will keep lights focused downward and will use a warm, yellow color bulb versus a cool, bluer color bulb. Lighting during the construction phase of the project will be minimal as we will not be working during night hours.
4	General Housekeeping	A preliminary site specific safety and evacuation plan will be prepared prior to facility operation and is contained in the Fire Protection Plan. This plan shall include directions to the site, emergency contact information, and designated muster points. An Emergency Shutdown Plan showing the location of all emergency isolation valves, ESD switches and fire extinguishers will be prepared prior to facility operation and will be kept on site thereafter. This plan will be incorporated into start-up and commissioning training for the facility.
5	General Housekeeping	All surface trash, debris, scrap or discarded material connected with the operations of the property shall be removed from the premises or disposed of in a legal manner
6	General Housekeeping	Elevation requires an Emergency Preparedness and Emergency Response Plans (ERP) be in place. These plans are kept current and are supported by training and resources to ensure decisive and effective incident response. A current copy of the Emergency Notification Chart for the CGF will be kept on-site with the Notification and Activation section of the Emergency Response Plan

Total: 6 comment(s)

Attachment Check List

Att Doc Num	Name
401606738	FORM 2A RESUBMITTED
401773717	FORM 2A SUBMITTED
401773718	FORM 2A REJECTED
401808585	LOCATION DRAWING
401808586	ACCESS ROAD MAP
401808590	HYDROLOGY MAP
401808610	NRCS MAP UNIT DESC
401808616	WASTE MANAGEMENT PLAN
401808617	LOCATION PICTURES
401808630	FORM 2A SUBMITTED

Total Attach: 10 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)

Public Comments

No public comments were received on this application during the comment period.