

FORM
2A

Rev
08/19

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:

402274369

(SUBMITTED)

Date Received:

01/24/2020

Oil and Gas Location Assessment

New Location Refile Amend Existing Location Location#: 416448

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:

416448

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: 10071
 Name: HIGHPOINT OPERATING CORPORATION
 Address: 555 17TH ST STE 3700
 City: DENVER State: CO Zip: 80202

Contact Information

Name: Brian James
 Phone: (303) 312-8511
 Fax: ()
 email: bjames@hpres.com

FINANCIAL ASSURANCE

- Plugging and Abandonment Bond Surety ID (Rule 706): 20040060 Gas Facility Surety ID (Rule 711): _____
- Waste Management Surety ID (Rule 704): _____

LOCATION IDENTIFICATION

Name: Fox Creek Number: 35 NW
 County: WELD
 Quarter: NWNW Section: 35 Township: 12N Range: 63W Meridian: 6 Ground Elevation: 5360

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: 794 feet FNL from North or South section line
947 feet FWL from East or West section line

Latitude: 40.971000 Longitude: -104.406007

PDOP Reading: 2.6 Date of Measurement: 01/17/2010

Instrument Operator's Name: Matthew Miller, C.M

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: WOGLA

The local government siting permit was filed on: 11/19/2019

The disposition of the application filed with the local government is: In Process

Additional explanation of local process:

The WOGLA (1041WOGLA 19-0051) for this location has been submitted and is in process.

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)	<u>460043</u>	<u> </u>
	<u>461205</u>	<u> </u>

FACILITIES

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

Wells	<u>1</u>	Oil Tanks*	<u>6</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> </u>
Pump Jacks	<u> </u>	Separators*	<u>5</u>	Injection Pumps*	<u> </u>	Cavity Pumps*	<u> </u>	Gas Compressors*	<u> </u>
Gas or Diesel Motors*	<u>1</u>	Electric Motors	<u> </u>	Electric Generators*	<u> </u>	Fuel Tanks*	<u> </u>	LACT Unit*	<u>2</u>
Dehydrator Units*	<u> </u>	Vapor Recovery Unit*	<u>4</u>	VOC Combustor*	<u>4</u>	Flare*	<u> </u>	Pigging Station*	<u> </u>

OTHER FACILITIES*

<u>Other Facility Type</u>	<u>Number</u>
Automation System	<u>1</u>
Gas Generators	<u>1</u>
Glycol Heater	<u>1</u>
Horizontal Treaters	<u>3</u>
Meter House	<u>1</u>
Sump	<u>4</u>
Water Pump Unit	<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:

WATER FLOWLINE 2
 WATER DIAMETER 4"
 GAS GATHERING 1
 GAS DIAMETER 6"
 OIL FLOWLINE 2
 OIL DIAMETER 4"
 GAS INJECTION 0
 GAS INJECTION DIAMETER na
 FLOWLINE (ON PAD) 0
 FLOWLINE DIAMETER ((ON PAD)) na
 SWAB LINE 1
 SWAB LINE DIAMETER 2"

CONSTRUCTION

Date planned to commence construction: 07/02/2020 Size of disturbed area during construction in acres: 4.00
 Estimated date that interim reclamation will begin: 01/04/2021 Size of location after interim reclamation in acres: 2.67
 Estimated post-construction ground elevation: 5364

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: _____ Drilling Fluids Disposal Method: _____

Cutting Disposal: _____ Cuttings Disposal Method: _____

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: _____

SURFACE & MINERALS & RIGHT TO CONSTRUCT

Name: Peters 313 Ranch Inc Phone: _____

Address: PO Box M Fax: _____

Address: _____ Email: _____

City: Carpenter State: WY Zip: 82054

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: Surface Use Agreement

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:	3518 Feet	3259 Feet
Building Unit:	3759 Feet	3498 Feet
High Occupancy Building Unit:	5280 Feet	5280 Feet
Designated Outside Activity Area:	5280 Feet	5280 Feet
Public Road:	2439 Feet	2219 Feet
Above Ground Utility:	178 Feet	34 Feet
Railroad:	5280 Feet	5280 Feet
Property Line:	749 Feet	643 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: 4: Ascalon fine sandy loam, 0 to 6 percent slopes

NRCS Map Unit Name: 5: Ascalon sandy loam, 5 to 9 percent slopes

NRCS Map Unit Name: 51: Peetz gravelly sandy loam, 5 to 20 percent slopes

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: prairie sandreed, little bluestem, needleandthread, sideoats grama, sand bluestem, blue grama, sand dropseed, western wheatgrass, other perennial forbs, other perennial grasses, fringed sagewort, other shrubs, prairie Junegrass, soapweed yucca, wormwood

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: 645 Feet

water well: 2337 Feet

Estimated depth to ground water at Oil and Gas Location 40 Feet

Basis for depth to groundwater and sensitive area determination:

Depth to groundwater was determined from Water Well Permit: 106305

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: No

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

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 This location is being amended to add facilities that will be used by wells from two different pads.
This location is built and there is one producing well. No additional surface disturbance is required for the additional facilities.
Revised attachments being uploaded are: Location Drawing, Facility Layout, and Surface Use Agreement. All other attachments have stayed the same.
Please contact Andrea Gross at 303-942-0506 or at agross@upstreampm.com for any questions regarding this permit.

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

Signed: _____ Date: 01/24/2020 Email: agross@upstreampm.com

Print Name: Andrea Gross Title: Permit Agent

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: _____

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

<u>COA Type</u>	<u>Description</u>

Best Management Practices

No	BMP/COA Type	Description
1	Planning	HighPoint is utilizing a existing and built location which will eliminate the need for a new surface location, reducing surface disturbance and impact.
2	Traffic control	The access road is existing. The access is properly constructed to accommodate emergency vehicle access. In addition, the access road and all leasehold roads have been/will be maintained to accommodate local emergency vehicle access requirements.
3	Storm Water/Erosion Control	<p>Site-specific best management practices will be installed in a manner consistent with good engineering practices, and may include, construction of a berm or diversion dike, site grading, or other comparable measures, sufficient to prevent offsite migration of sediment/contaminant. HighPoint will use drip pans, sumps, or liners where appropriate.</p> <p>During active construction and interim reclamation, BBC will comply with the stormwater inspection requirements as required by CDPHE. On a post-construction basis, inspections of sites will occur daily and additions, repairs will occur as necessary.</p> <p>Any precipitation accumulation within secondary containment should be removed if the presence of precipitation materially impacts the capacity of the containment.</p>
4	Storm Water/Erosion Control	HighPoint will conduct daily site inspections of stormwater BMPs throughout construction, drilling, and completion activities. Site inspections will be documented.
5	Material Handling and Spill Prevention	Secondary containment of tanks, drums, and storage areas is mandatory to prohibit discharges to surface waters. A minimum of 110% capacity required of largest storage tank within a containment area. Material handling and spill prevention procedures and practices will be followed to help prohibit discharges to surface waters. Proper loading, and transportation procedures to be followed for all materials to and from locations
6	Material Handling and Spill Prevention	To prevent the downward migration of produced fluids into the underlying soil and groundwater, a secondary containment will be constructed out of impervious material around ancillary tanks, drums, chemicals and liquid storage, which will include steel berms and an engineered liner. Each tank will be equipped with a leak detection system designed to detect leaks in the tank floor that may not otherwise be visibly observed. For the liquid storage tanks, the secondary containment and liner will be constructed. HighPoint utilizes electronic information systems that have the ability to remotely monitor production tank levels onsite and activate specific valves, which can stop a release on location.
7	Dust control	HighPoint will implement dust abatement measures to prevent fugitive dust from vehicular traffic, equipment operations, or wind including the use of dust suppression.

Total: 7 comment(s)

Attachment Check List

Att Doc Num	Name
402276487	FACILITY LAYOUT DRAWING
402292271	SURFACE AGRMT/SURETY
402312036	LOCATION DRAWING
402322585	LOCATION PICTURES
402322589	REFERENCE AREA MAP
402322593	REFERENCE AREA PICTURES

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	This Form is being returned to Draft for the resolution of the following issues: 1. No Reference Area Map is attached to Form. 2. No Reference Area Pictures or statement that pictures will be taken during the next growing season and submitted. 3. No Location Pictures are attached to Form (updated since original submittal).	02/20/2020
OGLA	This Form is being returned to Draft for the resolution of the following issues: 1. NRCS Map Unit Description does not meet guidance. As the previous Map Unit Description met guidance and covers the location, the current one can be removed. 2. Verify WOGLA application check-box. 3. Include the total disturbed area in the construction disturbance acreage. This includes the reclaimed portion of the location from the original construction. 4. Update the Location Drawing and the Facility Layout Drawing to reflect the total disturbed area and update the 500 ft. buffer. 5. Expand description of what will be happening on the location.	01/31/2020

Total: 2 comment(s)



Public Comments

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

