

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:

402035184

Date Received:

10/23/2019

## 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:

**471054**

Expiration Date:

**01/30/2023**

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: 96850

Name: TEP ROCKY MOUNTAIN LLC

Address: PO BOX 370

City: PARACHUTE    State: CO    Zip: 81635

### Contact Information

Name: Vicki Schoeber

Phone: (970) 263-2721

Fax: ( )

email: vschoeber@terraep.com

### FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID (Rule 706): 20160057

Gas Facility Surety ID (Rule 711): \_\_\_\_\_

Waste Management Surety ID (Rule 704): \_\_\_\_\_

### LOCATION IDENTIFICATION

Name: GM Chevron

Number: Tank Facility

County: GARFIELD

Quarter: NWNE    Section: 29    Township: 6S    Range: 96W    Meridian: 6    Ground Elevation: 5571

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: 44 feet FNL from North or South section line

2533 feet FEL from East or West section line

Latitude: 39.502311    Longitude: -108.132213

PDOP Reading: 1.4    Date of Measurement: 04/03/2019

Instrument Operator's Name: Dayton Slaugh

### LOCAL GOVERNMENT INFORMATION

County: GARFIELD

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: \_\_\_\_\_

The local government siting permit was filed on: \_\_\_\_\_

The disposition of the application filed with the local government is: \_\_\_\_\_

Additional explanation of local process:

TEP Rocky Mountain LLC has contacted Garfield County, the local government with jurisdiction over the siting of this proposed oil and gas location and determined that per the Garfield County Land Use and Development Code, Table 3-403, "Oil and Gas Drilling and Production" and "Hydraulic Fracturing, Remote Surface Location" are a use by right or Exempt from Land Use Regulation at this site. Garfield County's disposition is not required for the purposes of this submittal.

## 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)	323877	_____
	335260	_____
	335426	_____
	335088	_____
	323876	_____

## FACILITIES

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

Wells _____	Oil Tanks* _____	Condensate Tanks* _____	7	Water Tanks* _____	1	Buried Produced Water Vaults* _____
Drilling Pits _____	Production Pits* _____	Special Purpose Pits _____		Multi-Well Pits* _____		Modular Large Volume Tanks _____
Pump Jacks _____	Separators* _____	Injection Pumps* _____		Cavity Pumps* _____		Gas Compressors* _____
Gas or Diesel Motors* _____	Electric Motors _____	Electric Generators* _____		Fuel Tanks* _____		LACT Unit* _____
Dehydrator Units* _____	Vapor Recovery Unit* _____	VOC Combustor* _____	2	Flare* _____		Pigging Station* _____

## OTHER FACILITIES\*

Other Facility Type	Number
Heat Trace Unit	1
Line Heater	1
Surface Riser Valve Set	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:

3-2" flexPipe condensate pipelines approximately 2,550' in length will be installed between the GR 12-29 pad (Loc ID #335260) and this tank facility, and 1-2" flexPipe condensate pipeline will be installed from the GM 12-20 pad (Loc ID #335426) to this tank facility.

## CONSTRUCTION

Date planned to commence construction: 05/01/2020 Size of disturbed area during construction in acres: 0.61  
Estimated date that interim reclamation will begin: 07/01/2021 Size of location after interim reclamation in acres: 0.45  
Estimated post-construction ground elevation: 5571

## DRILLING PROGRAM

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

Is H<sub>2</sub>S 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:

This application is for a tank facility.

Beneficial reuse or land application plan submitted? No

Reuse Facility ID: \_\_\_\_\_ or Document Number: \_\_\_\_\_

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

## SURFACE & MINERALS & RIGHT TO CONSTRUCT

Name: Chevron USA, Inc.

Phone: \_\_\_\_\_

Address: 1400 Smith Street, Room 47170

Fax: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_

City: Houston State: TX Zip: 77002

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:	_____ Feet	3764 Feet
Building Unit:	_____ Feet	3880 Feet
High Occupancy Building Unit:	_____ Feet	5280 Feet
Designated Outside Activity Area:	_____ Feet	5280 Feet
Public Road:	_____ Feet	2397 Feet
Above Ground Utility:	_____ Feet	2394 Feet
Railroad:	_____ Feet	5280 Feet
Property Line:	_____ Feet	1175 Feet
School Facility::	_____ Feet	5280 Feet
School Property Line:	_____ Feet	5280 Feet
Child Care Center:	_____ 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-Arvada loam, 6 to 20 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: 05/01/2019

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: 202 Feet

water well: 514 Feet

Estimated depth to ground water at Oil and Gas Location 46 Feet

Basis for depth to groundwater and sensitive area determination:

The closest constructed monitoring well (Permit No. 287665) is located 514 feet to the north, completed in gravelly clays and sands, with a total depth of 58 feet; a screened interval between 33 and 58 feet; and a static water level of 46 feet. Location is a sensitive area due to proximity to surface water and shallow groundwater.

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 zone: No

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 04/08/2019

## 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 GM Chevron Tank Facility (Facility ID #452926) will be upgraded to support storage for condensate production from the Chevron GR 12-29 Pad (Loc ID #335260, Amended Form 2A Doc #401991715), future wells on the GM 12-20 Pad (Loc ID #335426, Amended Form 2A Doc #402202966), and existing wells on the Chevron-66S96W #29NENW Pad (Loc ID #335088).

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

Signed: \_\_\_\_\_ Date: 10/23/2019 Email: vschoeber@terraep.com

Print Name: Vicki Schoeber Title: Regulatory Specialist

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: 1/31/2020

### 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

### Best Management Practices

No	BMP/COA Type	Description
1	Planning	<p>Prior to submittal of the Oil and Gas Location Assessment (COGCC-Form 2A), TEP conducted onsite and meetings with the Bureau of Land Management (BLM), Colorado Parks and Wildlife, and the associated private landowners. These onsites and meetings were held to discuss TEP's proposed development plan for the GM Chevron Tank Facility. Changes were made to the proposed development plan based on feedback received from all stakeholders and included in the Form 2A.</p> <p>The development plan for the GM Chevron Tank Facility was prepared to minimize surface impacts to the greatest extent possible by utilizing existing facility to the greatest extent possible, and by the transportation of fluids to a centralized storage location at the Tank Facility minimizing the surface area needed to conduct operations on the GR 12-29 pad and GM 12-20 pad.</p>
2	Pre-Construction	<p>Prior to commencement of construction activities, TEP will hold a pre-construction meeting with contractors to review proposed construction activities and installation of stormwater control measures. The site will be staked for construction prior to pre-construction meeting. Staking will identify the boundaries of the proposed site to protect existing vegetation in areas that should not be disturbed.</p>

3	Wildlife	<p>The GM Chevron Tank Facility is located within Mule Deer Critical Winter Range sensitive wildlife habitat as currently mapped per COGCC geospatial data. The access road to the GM Chevron Tank Facility traverses through Mule Deer Critical Winter Range and Elk Winter Concentration Area sensitive wildlife habitat as currently mapped per COGCC geospatial data. TEP does not anticipate construction activities to occur during winter months (Dec. 1 - April 30.). However, if scheduling changes do occur and construction activities are necessary during winter months then TEP will consult with BLM and CPW to determine appropriate compensatory mitigation to offset impacts to wildlife. TEP is proposing to install condensate pipelines from the GR 12-29 pad and GM 12-20 pad to the GM Chevron Tank Facility to minimize operations on the GR 12-29 pad and GM 12-20 pad, which minimizes impacts to wildlife. To minimize the potential for wildlife related traffic accidents, TEP has implemented speed restrictions for all lease roads and requires that all TEP employees and contractors adhere to these posted speed restrictions. During post-development production operations, TEP will make best efforts to minimize operations at this location during winter months by maximize operations when possible between 10:00am to 3:00pm when wildlife activity is minimal.</p> <p>TEP agrees to report any bear conflicts immediately to CPW. TEP will implement COGCC Rule 1204.a.1 by utilizing bear proof dumpsters and trash receptacles for all food related trash. Exclusionary devices will be installed to prevent bird and other wildlife from accessing equipment stacks, vents, and openings.</p> <p>TEP will preclude from the use of aggressive CPW-identified non-native grasses and shrubs in mule deer and elk habitat and will reclaim the site using CPW-identified native shrubs, grasses and forbs appropriate to the ecological site disturbed. Certified weed-free native seed in seed mixes, except for non-native plants that benefit wildlife will be used. TEP will use certified, weed free grass hay, straw, hay or other mulch materials used for the reseeding and reclamation of disturbed areas.</p> <p>Please see the attached CPW correspondence for additional details.</p>
4	Storm Water/Erosion Control	<p>Stormwater BMP's will be in place during all phases of development to control stormwater runoff in a manner that minimizes erosion, transportation of sediment offsite, and site degradation. Stormwater BMP's will include perimeter controls such as sediment traps, diversion ditches, check dams, waddles, and others control measures necessary to control stormwater run-on and run-off and minimized offsite movement of sediment. Stormwater BMP's will also include site degradation control measures such as grading, slope stabilization methods (i.e. seeding, mulching, surface roughening), perimeter berms, surfacing materials (i.e. gravel), and others necessary to minimize site degradation. Stormwater controls will be installed with consideration given to worker safety, wildlife, and site access. A post-construction stormwater program will be developed for the facility as required per Rule 1002.f.(3). Stormwater is also addressed under a field-wide Stormwater Management Plan (CDPHE Certification COR404626).</p>
5	Dust control	<p>Fugitive dust control measures will be employed during all phase of development to minimize dust pollution. Dust control measures include but are not limited to the application of fresh water via water truck along access road during construction operations, speed restrictions, periodic road maintenance, road surfacing (i.e. gravel), and installation of automation equipment to reduce truck traffic. Dust control measures will be employed on an as needed based during all phases of development.</p>
6	Construction	<p>All construction equipment and materials will be contained within the proposed limits of the oil and gas location, access roads, or pipeline corridors. Topsoil will be stripped from the site and segregated from subsoil for reuse during pad reclamation. Fugitive dust control measures will be implemented as described in the dust control section of this document.</p>
7	Interim Reclamation	<p>Remote telemetry equipment will be installed on location to minimize site visitation and truck traffic. Exclusionary devices will be installed to prevent bird and other wildlife from accessing equipment stacks, vents, and openings. Certified weed-free native seed in seed mixes, except for non-native plants that benefit wildlife will be used. TEP will use certified, weed free grass hay, straw, hay or other mulch materials used for the reseeding and reclamation of disturbed areas. Soil amendments may be added to topsoil during reclamation actives to promote vegetation growth.</p>
8	CPW-Wildlife - Minimization-Deer and Elk	<p>The operator agrees to preclude the use of aggressive CPW-identified non-native grasses and shrubs in mule deer and elk habitat restoration.</p>

9	CPW-Wildlife - Minimization-Black Bear	The operator will implement Rule 1204.a.1 (also see General Operating Recommendations).
10	CPW-Wildlife - Avoidance-Black Bear	The operator agrees to report bear conflicts immediately to CPW staff.

Total: 10 comment(s)

### **Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
2109172	OBJECTIVE CRITERIA REVIEW MEMO
402035184	FORM 2A SUBMITTED
402203098	FINAL RECLAMATION PLAN
402203101	LOCATION DRAWING
402203102	REFERENCE AREA MAP
402203104	HYDROLOGY MAP
402203105	ACCESS ROAD MAP
402203107	CONST. LAYOUT DRAWINGS
402203108	SURFACE AGRMT/SURETY
402203109	DOW CONSULTATION
402203113	SENSITIVE AREA DATA
402203114	OPERATOR'S OBJECTIVE CRITERIA CHECKLIST
402203115	NRCS MAP UNIT DESC
402203116	CONDENSATE PIPELINE MAP
402203117	FACILITY LAYOUT DRAWING
402203119	LOCATION PICTURES
402203125	SURFACE PLAN
402203139	REFERENCE AREA PICTURES

Total Attach: 18 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
OGLA	01/30/2020 - revised size of disturbance at construction from 0.20 acres to 0.61 acres and size of location after interim reclamation from 0.20 acres to 0.45 acres per operator; completed OGLA review; passed OGLA task.	01/30/2020
OGLA	01/30/2020 - The Objective Criteria Review Memo (Doc# 2109172) is attached to this Form 2A. Following additional analysis arising out of the Objective Criteria, the Director determined that this application meets the standard for the protection of public health, safety, welfare, the environment and wildlife resources set by SB 19-181.	01/30/2020
OGLA	01/22/2020 - added well pads Chevron-66S96W #29NENW Pad (Loc ID #335088), Federal MV 58-19 (Loc ID #323876), and Federal MV 59-30 (Loc ID #323877) to the 'RELATED REMOTE LOCATIONS' section per operator;	01/22/2020
OGLA	01/16/2020 - passed OGLA-181 task.	01/16/2020
OGLA	12/09/2019 - initiated OGLA and OGLA-181 Form 2A review; renamed several attachments that were originally submitted as "OTHER"; revised estimated depth to groundwater from 80' to 46'; added 'Federal (FEMA) to the "Floodplain Data Sources Reviewed" section; requested additional information from operator; revised date of construction from 12/01/2019 to 05/01/2020; all revisions were discussed with and concurred by operator; prepared 'Objective Criteria Review Memo';	12/09/2019
DOW	This Form 2A #402035184 is being submitted by TEP to expand the existing GM Chevron Tank Facility on FEE/FEE property in Section 29, T6S, R96W in Garfield County. The proposal includes addition of 7 condensate tanks, 1 water tank, 2 VOC combustors, and 2,550' of condensate pipelines between the facility and the GR 12-29 pad and GM 12-20 pad, and pad expansion resulting in 0.20 acres of increased disturbance.  CPW attended an on-site consultation for the GM 12-20 pad and the GM Chevron Tank	12/06/2019

Facility on April 8, 2019 with BLM, TEP, and Chevron. The GM Chevron Tank Facility and access road falls within Mule Deer Severe Winter Range and Elk Winter Concentration Sensitive Wildlife Habitats (SWH). It was discussed that condensate pipelines would be installed from the separators on the GR 12-29 pad and GM 12-20 pad to the GM Chevron Tank Facility, which would be upgraded with four 500-bbl oil tanks (three to support the GR 12-29 pad and one to support the GM 12-20 pad). Tanks would be placed inside the existing containment structure and two 48-inch ECDs will be installed 75' north of the existing tank containment.

In October 2019, TEP contacted CPW to address wildlife concerns regarding the Chevron Tank Facility and access roads, which occur within SWH. TEP identified the GM Chevron Tank Facility as a centralized fluid storage facility for the GR 12-29 pad and GM 12-20 pad. Centrally locating condensate storage for these two pads will reduce activity and vehicle traffic during long-term production and help minimize impacts to wildlife, particularly during winter months. The operator stated that per their current development schedule, this location is scheduled to be constructed outside the Big Game Winter Time Period of Dec. 1 - April 30. The operator proposed the following Best Management Practices (BMPs) to include in the Form 2A.

- TEP does not anticipate construction activities at this location to occur during winter months (Dec. 1 - April 30). However, if scheduling changes do occur and construction activities are necessary during winter months, then TEP will consult with BLM and CPW to determine appropriate compensatory mitigation to offset impacts to wildlife.
- TEP is proposing to install condensate pipelines from the GR 12-29 pad and GM 12-20 pad to the GM Chevron Tank Facility to reduce activity and traffic at both pads, which will minimize impacts to wildlife.
- To minimize the potential for wildlife related traffic accidents, TEP has implemented speed restrictions for all lease roads and requires that all TEP employees and contractors adhere to these posted speed restrictions.
- During post-development production operations, TEP will make best efforts to minimize operations at this location during winter months and maximize operations when possible between 10:00am to 3:00pm when wildlife activity is minimal.
- TEP agrees to report any bear conflicts immediately to CPW. TEP will implement COGCC Rule 1204.a.1 by utilizing bear proof dumpsters and trash receptacles for all food related trash.
- TEP will install exclusionary devices to prevent birds and other wildlife from accessing equipment stacks, vents, and openings.
- TEP will preclude from the use of aggressive CPW-identified non-native grasses and shrubs in mule deer and elk habitat and will reclaim the site using CPW-identified native shrubs, grasses and forbs appropriate to the ecological site disturbed. Certified weed-free native seed in seed mixes, except for non-native plants that benefit wildlife will be used. TEP will use certified, weed free grass hay, straw, hay or other mulch materials used for the reseeded and reclamation of disturbed areas.

CPW expressed support for the proposed BMPs, and encouraged TEP make it a scheduling priority, if at all possible, to avoid activity at the proposed location (including roads and along pipeline corridors) during the Big Game Winter Time Period of Dec. 1 – April 30. CPW acknowledged the efforts made by TEP to avoid disturbance during this time period and reduce the need for off-site mitigation. CPW also confirmed that the proposed pipelines would follow existing pipeline corridors or roads to minimize overall habitat disturbance.

CPW is aware that construction, drilling, and completions cannot always be conducted outside of the winter time frame. CPW staff has been working with TEP and the BLM over the last several years to develop a system for exception criteria and mitigation projects to benefit big-game and offset impacts from oil and gas operations during the winter season. Per agreed upon exception criteria, the operator agreed to coordinate with CPW and BLM for compensatory mitigation if activities take place during the Big Game Winter Range time period of Dec. 1 – April 30.

TEP's Form 2A Operator Proposed Wildlife BMPs include:

- 1) The operator agrees to report bear conflicts immediately to CPW staff.
- 2) The operator will implement Rule 1204.a.1 stating that within black bear habitat west of Interstate 25, operators shall install and utilize bear-proof dumpsters and trash receptacles for food-related trash at all facilities that generate such trash.
- 3) The operator agrees to preclude the use of aggressive CPW-identified non-native grasses and shrubs in mule deer and elk habitat restoration.

Additional Operator Proposed BMPs include:

- 1) The operator does not anticipate construction activities at this location to occur during winter months (Dec. 1 - April 30.). However, if scheduling changes do occur and construction activities are necessary during winter months then TEP will consult with BLM and CPW to determine appropriate compensatory mitigation to offset impacts to wildlife.
- 2) To minimize the potential for wildlife related traffic accidents, the operator has implemented speed restrictions for all lease roads, and requires that all TEP employees and contractors adhere to these posted speed restrictions.
- 3) During post-development production operations, the operator agrees to make best efforts to minimize operations at this location during winter months (Dec. 1 to April 30), and maximize operations when possible between 10:00am to 3:00pm when wildlife activity is minimal.
- 4) The operator agrees to install exclusionary devices to prevent birds and other wildlife from accessing equipment stacks, vents, and openings.
- 5) The operator will preclude from the use of aggressive CPW-identified non-native grasses and shrubs in mule deer and elk habitat and will reclaim the site using CPW-identified native shrubs, grasses and forbs appropriate to the ecological site disturbed. Certified weed-free native seed in seed mixes, except for non-native plants that benefit wildlife, will be used. The operator will use certified weed free grass hay, straw, hay or other mulch materials for the reseeding and reclamation of disturbed areas.

This location is on FEE/FEE property with no BLM timing stipulations, and is within close proximity to other existing facilities and roads. Due to the fact that the operator has agreed to provide compensatory mitigation if operations (construction, drilling, and completion) activities occur within the Big Game Winter Time Period (Dec. 1 – April 30), in addition to utilizing centralized fluid storage to minimize vehicle traffic and site visitation to the GR 12-29 and GM 12-20 pads, CPW does not object to the proposed operations.

Elissa Slezak, December 6, 2019

Permit	No permit review of multi-well plan required	12/05/2019
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 met Objective Criteria #5.c, #6, and #12.	11/12/2019
OGLA	This form has passed completeness.	10/28/2019

Total: 9 comment(s)