

FORM  
2A

Rev  
08/13

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:

400982355

Date Received:

02/12/2016

Oil and Gas Location Assessment

☐ New Location ☒ Refile ☐ Amend Existing Location Location#: 431436

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:

**431436**

Expiration Date:

**10/12/2019**

☐ 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: 10323  
Name: ENTEK GRB LLC  
Address: 165 SOUTH UNION #366  
City: LAKEWOOD State: CO Zip: 80228

Contact Information

Name: Andrea Gross  
Phone: (303) 942-0506  
Fax: ( )  
email: agross@upstreampm.com

RECLAMATION FINANCIAL ASSURANCE

☒ Plugging and Abandonment Bond Surety ID: 20090127 ☐ Gas Facility Surety ID: \_\_\_\_\_  
☐ Waste Management Surety ID: \_\_\_\_\_

LOCATION IDENTIFICATION

Name: FRU Federal Number: 1-1  
County: ROUTT  
QuarterQuarter: LOT 5 Section: 1 Township: 11N Range: 88W Meridian: 6 Ground Elevation: 7583  
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: 653 feet FNL from North or South section line  
659 feet FEL from East or West section line  
Latitude: 40.948197 Longitude: -107.203917  
PDOP Reading: 2.6 Date of Measurement: 09/09/2011  
Instrument Operator's Name: Dave Fehringer

## 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>1</u>	Oil Tanks*	<u>3</u>	Condensate Tanks*	<u>      </u>	Water Tanks*	<u>1</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>1</u>	Separators*	<u>1</u>	Injection Pumps*	<u>      </u>	Cavity Pumps*	<u>      </u>	Gas Compressors*	<u>      </u>
Gas or Diesel Motors*	<u>      </u>	Electric Motors	<u>      </u>	Electric Generators*	<u>      </u>	Fuel Tanks*	<u>1</u>	LACT Unit*	<u>      </u>
Dehydrator Units*	<u>      </u>	Vapor Recovery Unit*	<u>      </u>	VOC Combustor*	<u>1</u>	Flare*	<u>      </u>	Pigging Station*	<u>      </u>

## OTHER FACILITIES\*

Other Facility Type

Number

\*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:

1 - 3" steel water pipeline. 1 - 4" poly gas pipeline.  
Flowline from wellhead to separator to tanks will be 2" steel.

## CONSTRUCTION

Date planned to commence construction: 03/05/2017 Size of disturbed area during construction in acres: 2.20  
Estimated date that interim reclamation will begin: 12/05/2017 Size of location after interim reclamation in acres: 1.30  
Estimated post-construction ground elevation: 7582

## 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? Yes

## DRILLING WASTE MANAGEMENT PROGRAM

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

Cutting Disposal: ONSITE Cuttings Disposal Method: Cuttings trench

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: Bureau of Land Management

Phone: 970-878-3800

Address: 220 E. Market St.

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

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

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

City: Meeker State: CO Zip: 81641

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: Yes

The right to construct this Oil and Gas Location is granted by: oil and gas lease

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:	<u>5280</u> Feet	<u>5280</u> Feet
Building Unit:	<u>5280</u> Feet	<u>5280</u> Feet
High Occupancy Building Unit:	<u>5280</u> Feet	<u>5280</u> Feet
Designated Outside Activity Area:	<u>5280</u> Feet	<u>5280</u> Feet
Public Road:	<u>5280</u> Feet	<u>5280</u> Feet
Above Ground Utility:	<u>5280</u> Feet	<u>5280</u> Feet
Railroad:	<u>5280</u> Feet	<u>5280</u> Feet
Property Line:	<u>653</u> Feet	<u>435</u> 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

- 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: 185: Inpass-Gourley complex, 3 to 25 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: 05/31/2012

List individual species: Antelope bitterbrush, Big sagebrush, Matchbrush, Phlox, Serviceberry, Bluegrass,, Needle and Thread, Thickspike wheatgrass, Lupine, Currant, Snowbush, Dandelion, Yarrow, Wild gernaum and Indian paintbrush

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: 550 Feet

water well: 16445 Feet

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

Basis for depth to groundwater and sensitive area determination:

Basis for sensitive area determination is proximity to surface water. The closest water well is Water Well Permit No. 161233 located in Section 4 T12N R87W. Depth to groundwater was determined from this well.

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

## 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 has not been built.

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


Signed: \_\_\_\_\_ Date: 02/12/2016 Email: agross@upstreampm.com

Print Name: Andrea Gross

Title: Permit Agent

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: 10/13/2016

## 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

In addition to the notifications required by COGCC listed in the Northwest Notification Policy (Notice of Intent to Construct a New Location, Notice of Intent to Spud Surface Casing, and Notice of Intent to Commence Hydraulic Fracturing Operations) and Rule 316C. COGCC Form 42. FIELD OPERATIONS NOTICE (a. Notice of Intent to Conduct Hydraulic Fracturing Treatment and c. Notice of Construction or Major Change); operator shall notify the COGCC 48 hours prior to access road construction and pipeline testing (flowlines from wellheads to separators to tanks; and/or any lines associated with truck loading operations) using the Form 42 (as described in Rule 316C.m. Notice of Completion of Form 2/2A Permit Conditions). The appropriate COGCC individuals will automatically be email notified.

In addition to the notifications required by COGCC, operator shall notify the COGCC 48 hours prior to the onsite Pre-Construction meeting with BLM using the Form 42 (as described in Rule 316C.m. Notice of Completion of Form 2/2A Permit Conditions). The appropriate COGCC individuals will automatically be email notified.

Operator must ensure secondary containment for any volume of fluids contained at the well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., best management practices [BMPs] associated with fluid containment/control as well as stormwater management for the control of run-on and run-off) sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals as required by CDPHE (at least every 14 days and after precipitation events), and maintained in good condition. The design/build of any perimeter berm shall be sized, constructed, and compacted sufficiently to contain fluids during drilling operations, as well as all fluids contained in temporary frac tanks during completion operations.

The design/build of any perimeter berm or fluid management structures shall be sized, constructed, and compacted sufficiently to contain and/or manage potential fluid releases during operations in a manner that prevents or controls potential sedimentation and scouring on adjacent lands and drainages. Such design/build of perimeter berms or fluid management structures may include, but are not limited to the following: on location berms; diversion ditches; enhanced vegetation; or other design features necessary to achieve the goal of protecting adjacent lands and drainages from potential impacts from fluids, sediments, and scouring.

The location is in an area of moderate run-on/run-off potential; therefore standard stormwater BMPs must be implemented; prior to, during, and after construction, as well as during drilling, completion, and production operations; at this location to insure compliance with CDPHE and COGCC requirements and to prevent any stormwater run-on and /or stormwater run-off.

Operator shall design and construct the access road utilizing all available soils, geologic, landslide, and hydrogeologic information. The road should also follow any applicable BLM construction standards. Operator shall notify the COGCC and the Routt County LGD 48 hours prior to start of access road construction using Form 42 (and emailing dave.kubeczko@state.co.us, kris.neidel@state.co.us, and cbrookshire@co.routt.co.us).

The access road will be constructed and maintained as to not allow sediment to migrate from the access road to nearby surface water or any drainages leading to surface water.

Strategically apply fugitive dust control measures, including encouraging established speed limits on private roads, to reduce fugitive dust and coating of vegetation and deposition in water sources.

Berms or other containment devices shall be constructed to be sufficiently impervious (corrugated steel with poly liner) to contain any spilled or released material around permanent oil and/or produced water storage tanks.

	<p>A closed loop system must be implemented during drilling (as indicated on the Form 2 and Form 2A). All cuttings generated during drilling with oil based mud (OBM) must be segregated from water/bentonite based mud-(WBM-) generated drill cuttings and placed separately on the well pad. All OBM-generated drill cuttings must be kept in tanks/containers, or placed on a lined/bermed portion of the well pad; prior to disposition. The moisture content of any OBM-generated drill cuttings in a tank, cuttings containment area, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. After drilling and completion operations have been completed, the OBM drill cuttings that will remain on the well pad location (cuttings management area, the cut portion of the pad, cuttings trench, dry cuttings drilling pit), must meet the applicable standards of Table 910-1. No liners are allowed to be disposed of with the drill cuttings. All liners associated with oil-based drilling mud and OBM-generated drill cuttings must be disposed of offsite per CDPHE rules and regulations. After the drill cuttings have been amended (if necessary) and placed on the well pad, sampling frequency of the drill cuttings (to be determined by the operator) shall be representative of the material left on location. No offsite disposal of cuttings to another oil and gas location shall occur without prior approval of a Waste Management Plan (submitted via a Form 4 Sundry Notice) specifying disposal location and waste characterization method. Commercial disposal of drill cuttings will only require notification to COGCC via a Form 4 Sundry Notice. The operator has indicated that 'Cuttings Disposal' will be "ONSITE" and that the 'Cuttings Disposal Method' will be "CUTTINGS TRENCH" (as shown in the 'DRILLING WASTE MANAGEMENT PROGRAM SECTION' of the Form 2A#400982355). Any changes to drill cuttings management and disposal at this location will require submittal (via a Form 4 Sundry Notice) and approval of a Waste Management Plan.</p> <p>The moisture content of water/bentonite-based mud (WBM) generated cuttings during drilling of the surface casing intervals, that will be managed onsite, shall be kept as low as practicable to prevent accumulation of liquids greater than de minimis amounts. After drilling and completion operations have been completed, any of the WBM drill cuttings that will remain on the well pad location (cuttings management area, the cut portion of the pad, cuttings trench, dry cuttings drilling pit), must meet the applicable standards of Table 910-1. No offsite disposal of cuttings to another oil and gas location shall occur without prior approval of a Waste Management Plan (submitted via a Form 4 Sundry Notice) specifying disposal location and waste characterization method.</p> <p>Flowback and stimulation fluids must be sent to enclosed tanks, separators, or other containment/filtering equipment before the fluids can be placed into any pipeline storage vessel, or other open top containment located on the well pad; or into tanker trucks for offsite disposal. No open top tanks can be used for initial flowback fluids containment. The flowback and stimulation fluid tanks, separators, or other containment/filtering equipment must be placed on the well pad in an area constructed to be sufficiently impervious to contain any spilled or released material. No additional downgradient berming is required if operator constructs a sufficiently sized perimeter berm.</p> <p>During all construction, drilling, and completion phases at this location, operator shall be monitoring the wildfire potentials daily and have the appropriate additional equipment and measures in place. This may include smoking bans and additional fire-fighting equipment. Operator shall consult with BLM and the NFS as necessary.</p> <p>Potential odors associated with the completions process and/or with long term production operations must be controlled/mitigated.</p> <p>Operator shall follow all requirements of COGCC's current policy - NOTICE TO OPERATORS, Rule 912. VENTING OR FLARING PRODUCED NATURAL GAS – STATEWIDE, dated January 12, 2016; and to Rule 912. VENTING OR FLARING NATURAL GAS. a. thru e. in regards to venting and flaring.</p>	
	<p>Operator shall pressure test pipelines (flowlines from wellhead to separator to tanks; and any temporary surface lines used for hydraulic stimulation and/or flowback operations) in accordance with Rule 1101.e.(1) prior to putting into initial service any temporary surface or permanent buried pipelines and following any reconfiguration of the pipeline network, and tested annually, unless agreed to by both parties that the flowlines can be managed under an approved COGCC variance.</p>	



## Best Management Practices

<u>No</u>	<u>BMP/COA Type</u>	<u>Description</u>

### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400982355	FORM 2A SUBMITTED
400986050	WELL LOCATION PLAT
400986053	LOCATION DRAWING

Total Attach: 3 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review complete.	10/12/2016 3:35:51 PM
OGLA	Initiated/Completed OGLA Form 2A review on 10-11-16 by Dave Kubeczko; previously submitted and approved (01-24-13) Form 2A #400324683 COAs apply - fluid containment, spill/release BMPs, tank berming, flowback to tanks, sediment control access road, GW/SW baseline, access road design/construct evaluation, wildfire monitoring, and cuttings low moisture content; added OBM and WBM drill cuttings management and disposal, OBM cuttings containment, notifications, construction stormwater BMPs, dust control, odor control, venting and flaring policy, BLM Pre-Construction meeting notification, and pipeline testing COAs; passed by CPW on 09-20-16 with future BLM NEPA-analysis wildlife stipulations and COAs acceptable; LGD comments were previously addressed for Form 2A#400324683 and Form 2#400324784 (email correspondence is in the location file); passed OGLA Form 2A review on 10-11-16 by Dave Kubeczko; fluid containment, spill/release BMPs, tank berming, flowback to tanks, sediment control access road, GW/SW baseline, access road design/construct evaluation, wildfire monitoring, and cuttings low moisture content, OBM and WBM drill cuttings management and disposal, OBM cuttings containment, notifications, construction stormwater BMPs, dust control, odor control, venting and flaring policy adherence, BLM Pre-Construction meeting notification, and pipeline testing COAs.	10/11/2016 5:37:30 PM
DOW	<p>CPW staff attended BLM onsites for this location on August 24 and August 28; the location was part of numerous pad locations visited as part of the Focus Ranch Unit. Well pad locations were Fed/Fed and Fed/Fee. The FRU 1-1 is a Fed/Fed.</p> <p>This permit is a refile and the lease is existing. The pad location is sited within Greater Sage-Grouse Priority Habitat Management Area designated by Colorado BLM GRSG EIS.</p> <p>At the onsite BLM staff discussed moving pad locations and roads in order to avoid and minimize impacts to GRSG. The pad location is located approximately 3500 feet from an active lek. CPW agrees with BLM staff that further discussion and negotiation is necessary to develop stronger avoidance and minimization measures for GRSG. CPW supports BLMs request to further refine locations of pads and roads before making final recommendations and approving a Federal Permit. CPW believes it is premature at this time to make recommendations for GRSG protections that potentially could be in conflict with BLM COAs and stipulations; therefore CPW supports the BLMs NEPA process to determine adequate protections for GRSG at the Entek Federal 1-1 location.</p> <p>Michael Warren Sept. 20, 2016 at 3:50 PM.</p>	9/20/2016 3:50:19 PM

LGD	<p>LGD Comments  April, 2016  Entek GRB LLC  Focus Ranch Unit Federal 1-1  Section 1-11-88  Routt County  PP2012-035  COGCC Doc # 400982355 (2A)</p> <p>This site has previously been reviewed by Routt County and during the two year permit period which expired in January, 2015, many regulations have changed in Routt County and the COGCC. It is our understanding that this application is considered a new application and must meet all new COGCC and CDPHE rules. Comments have been revised based on new rules and regulations:</p> <ol style="list-style-type: none"> <li>1.Routt County has a permitting process for all oil/gas operations. All operators must contact Routt County and comply with the Permit process before operations may proceed. This project may be eligible for a Finding of No Significant Impact (FONSI) approval.</li> <li>2.There is a stream located near the proposed access road.Routt County was previously informed that water ways will not be crossed by the new access road to the well pad. However, it is unclear how close the access will be located from the stream.Routt County has waterbody setback requirements and this access may be reviewed for off-site impacts.</li> <li>3.The well pad is east of an intermittent drainage. The petitioner agreed during the site visit to reroute the access road to avoid this drainage area.Maps have been submitted to the COGCC reflecting this change, but there are also location maps submitted with both the Forms 2 and 2A showing the previous access. The location maps need to be updated and reflect the re-routed access to avoid the drainage area; this was requested during the previous LGD process.Any access roads and the well pad should have a comprehensive BMP plan and be continually monitored for protection of these water sources from erosion and contaminants.</li> <li>4.Even though this was a previously approved permit that has expired, this is a new application and should be required to meet all new regulations by the COGCC and the CDPHE.</li> <li>5.There are mapped wildlife concerns in this area which also include Elk winter range; Sharp-tail Grouse production area along with Greater Sage Grouse production areas. The pad is located immediately north of the mapped area for GSG brood area.Wildlife restrictions should be strictly enforced and Entek should adhere to the wildlife mitigation placed by the CDPW and BLM for all wildlife.</li> <li>6.Routt County recommended COA's or concerns with the previous submittal. One of the concerns was that this area is located in an area of geologic concerns which include landslide, unstable slopes, subsidence and a fault area. Routt County continues to recommend that this site have an inspection by the Colorado Geologic Survey or a geologic study to determine if the site and/or access road should have mitigation or be relocated.</li> </ol> <p>ALL COMMENTS HAVE BEEN PREVIOUSLY ADDRESSED BY COGCC FOR FORM 2A #400000000.</p>	4/22/2016 11:07:00 AM
Permit	Entered location ID number for pad and notified operator. Ready to pass pending OGLA approval.	4/18/2016 1:09:06 PM
Permit	Passed completeness.	4/5/2016 1:57:39 PM
Permit	On facilities tab, can you give a more complete description of the proposed pipelines. What size, and material?	2/12/2016 2:13:10 PM

Total: 7 comment(s)