

FORM  
2A

Rev  
04/01

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:  
400079572

Oil and Gas Location Assessment

New Location  Amend Existing Location Location#: \_\_\_\_\_

Submit original plus one copy. This form is to be submitted to the COGCC prior to any ground disturbance activity associated with oil and gas development operations. This Assessment may be approved as a stand alone application or submitted as an informational report accompanying an Application for Permit-To-Drill, Form 2. Approval of this 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. This form may serve as notice to land owners and other interested parties, please see the COGCC web site at <http://colorado.gov/cogcc/> for all accompanying information pertinent to this Oil and Gas Location Assessment.

Location ID:

Expiration Date:

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

1. 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.

2. Operator

Operator Number: 10323  
 Name: ENTEK GRB LLC  
 Address: 1999 BROADWAY - SUITE 550  
 City: DENVER State: CO Zip: 80202

3. Contact Information

Name: Kimberly Rodell  
 Phone: (303) 820-4480  
 Fax: (303) 820-4124  
 email: kim@banko1.com

4. Location Identification:

Name: Battle Mountain Federal Number: 14-15U  
 County: MOFFAT  
 Quarter: SWSE Section: 14 Township: 12N Range: 89W Meridian: 6 Ground Elevation: 6897

Define a single point as a location reference for the facility location. This point should be used as the point of measurement in the drawings to be submitted with this application. When the location is to be used as a well site then the point shall be a well location.

Footage at surface: 678 feet, from North or South section line: FSL and 2007 feet, from East or West section line: FEL

Latitude: 40.989628 Longitude: -107.343890 PDOP Reading: 3.8 Date of Measurement: 03/10/2010

Instrument Operator's Name: David Sims/Choice Engineering Services

5. Facilities (Indicate the number of each type of oil and gas facility planned on location):

Special Purpose Pits: <input type="text"/>	Drilling Pits: <input type="text" value="1"/>	Wells: <input type="text" value="2"/>	Production Pits: <input type="text" value="1"/>	Dehydrator Units: <input type="text" value="1"/>
Condensate Tanks: <input type="text" value="2"/>	Water Tanks: <input type="text" value="1"/>	Separators: <input type="text" value="2"/>	Electric Motors: <input type="text"/>	Multi-Well Pits: <input type="text"/>
Gas or Diesel Motors: <input type="text" value="1"/>	Cavity Pumps: <input type="text"/>	LACT Unit: <input type="text"/>	Pump Jacks: <input type="text"/>	Pigging Station: <input type="text" value="2"/>
Electric Generators: <input type="text"/>	Gas Pipeline: <input type="text" value="1"/>	Oil Pipeline: <input type="text" value="0"/>	Water Pipeline: <input type="text" value="1"/>	Flare: <input type="text" value="2"/>
Gas Compressors: <input type="text" value="1"/>	VOC Combustor: <input type="text"/>	Oil Tanks: <input type="text"/>	Fuel Tanks: <input type="text"/>	

Other: \_\_\_\_\_

6. Construction:

Date planned to commence construction: 09/14/2010 Size of disturbed area during construction in acres: 1.50
Estimated date that interim reclamation will begin: 09/14/2010 Size of location after interim reclamation in acres: 1.50
Estimated post-construction ground elevation: 6897 Will a closed loop system be used for drilling fluids: Yes [X]
Will salt sections be encountered during drilling: Yes [ ] No [X] Is H2S anticipated? Yes [ ] No [X]
Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes [ ] No [X]
Mud disposal: Offsite [ ] Onsite [ ] Method: Land Farming [ ] Land Spreading [ ] Disposal Facility [ ]
Other: Reuse on another location

7. Surface Owner:

Name: Battle Mountain Company Phone: 307-383-6872
Address: PO Box 146 Fax:
Address: Email:
City: Savery State: WY Zip: 82332 Date of Rule 306 surface owner consultation: 06/08/2010
Surface Owner: [X] Fee [ ] State [ ] Federal [ ] Indian
Mineral Owner: [ ] Fee [ ] State [X] Federal [ ] Indian
The surface owner is: [ ] the mineral owner [ ] committed to an oil and gas lease
[ ] is the executer of the oil and gas lease [ ] the applicant
The right to construct the location is granted by: [ ] oil and gas lease [X] Surface Use Agreement [ ] Right of Way
[ ] applicant is owner
Surface damage assurance if no agreement is in place: [ ] \$2000 [ ] \$5000 [ ] Blanket Surety ID

8. Reclamation Financial Assurance:

[ ] Well Surety ID: [ ] Gas Facility Surety ID: [ ] Waste Mgmt. Surety ID:

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes [ ] No [X]
Distance, in feet, to nearest building: 5280 , public road: 1330 , above ground utilit: 1520
, railroad: 5280 , property line: 637

10. Current Land Use (Check all that apply):

Crop Land: [ ] Irrigated [ ] Dry land [ ] Improved Pasture [ ] Hay Meadow [ ] CRP
Non-Crop Land: [X] Rangeland [ ] Timber [ ] Recreational [ ] Other (describe):
Subdivided: [ ] Industrial [ ] Commercial [ ] Residential

11. Future Land Use (Check all that apply):

Crop Land: [ ] Irrigated [ ] Dry land [ ] Improved Pasture [ ] Hay Meadow [ ] CRP
Non-Crop Land: [X] Rangeland [ ] Timber [ ] Recreational [ ] Other (describe):
Subdivided: [ ] Industrial [ ] Commercial [ ] Residential

12. Soils:

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.gov/> 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: 68 - Evanot-Yamo complex, 3 to 20 percent slopes

NRCS Map Unit Name: \_\_\_\_\_

NRCS Map Unit Name: \_\_\_\_\_

### 13. 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: Needle and thread, Western wheatgrass, Wyoming big sagebrush, Mountain snowberry, Muttongrass, Prairie junegrass, Great Basin wildrye, Bluebunch wheatgrass, and Yellow rabbitbrush.

Check all plant communities that exist in the disturbed area.

- Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye)
- Native Grassland (Bluestern, 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):

### 14. Water Resources:

Rule 901.e. may require a sensitive area determination be performed. If this determination is performed the data is to be submitted with the Form 2A.

Is this a sensitive area:  No  Yes Was a Rule 901.e. Sensitive Areas Determination performed:  No  Yes

Distance (in feet) to nearest surface water: 50, water well: 4290, depth to ground water: 200

Is the location in a riparian area:  No  Yes Was an Army Corps of Engineers Section 404 permit filed  No  Yes

Is the location within a Rule 317B Surface Water Suppl Area buffer zone:

No  0-300 ft. zone  301-500 ft. zone  501-2640 ft. 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  Yes

### 15. Comments:

The closest water well is Permit No. 127035. This permit does not give the depth to ground water. This is an existing location. The Battle Mountain Federal 14-15U will be drilled off the existing Battle Mountain 14-15, API No. 05-081-07432, wellpad. No additional surface disturbance is anticipated.

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

Signed: \_\_\_\_\_ Date: 08/20/2010 Email: kim@banko1.com

Print Name: Kimberly J. Rodell 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: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY:**

**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.**

**Attachment Check List**

Att Doc Num	Name	Doc Description
400079572	FORM 2A SUBMITTED	400079572.pdf
400086485	LOCATION PICTURES	Battle Mountain Federal 14-15U Location Photos.pdf
400086488	LOCATION DRAWING	Battle Mountain Federal 14-15U Location Drawing.pdf
400086490	HYDROLOGY MAP	Battle Mountain Federal 14-15U Hydrology Map.pdf
400086494	ACCESS ROAD MAP	Battle Mountain Federal 14-15U OGLA Access Road.pdf
400086502	REFERENCE AREA PICTURES	Battle Mountain Federal 14-15U Reference Photos.pdf
400086504	NRCS MAP UNIT DESC	Battle Mountain Federal 14-15U OGLA Map Unit Description.pdf
400086505	CONST. LAYOUT DRAWINGS	Battle Mountain Federal 14-15U Production Facility Layout.pdf
400086506	PROPOSED BMPs	Battle Mountain Federal 14-15U BMP Proposed Layout.pdf
400086507	SURFACE PLAN	Battle Mountain Federal 14-15U BLM SUPO.pdf
400088388	SURFACE AGRMT/SURETY	Battle Mountain Surface Use Agreement-COGCC.pdf

Total Attach: 11 Files