

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



DE ET OE ES

Document Number:

2012991

Oil and Gas Location Assessment

New Location  Amend Existing Location Location#: 324483

Location ID:

412924

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.

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

1. CONSULTATION

- This location is included in a Comprehensive Drilling Plan. CDP # 2028
- 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: 100122  
 Name: GUNNISON ENERGY CORPORATION  
 Address: 1801 BROADWAY STE 1200  
 City: DENVER State: CO Zip: 80202

3. Contact Information

Name: LEE FYOCK  
 Phone: (303) 296-4222  
 Fax: (303) 296-4555  
 email: LEE.FYOCK@OXBOW.COM

4. Location Identification:

Name: HOTCHKISS FEDERAL 1289 #18-22A Number: 18-22A PAD  
 County: GUNNISON  
 QuarterQuarter: SENW Section: 18 Township: 12S Range: 89W Meridian: 6 Ground Elevation: 7352

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: 1696 feet, from North or South section line: FNL and 2137 feet, from East or West section line: FWL  
 Latitude: 39.016886 Longitude: -107.379731 PDOP Reading: 2.7 Date of Measurement: 09/17/2008

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

Special Purpose Pits: <input type="checkbox"/>	Drilling Pits: <input type="checkbox"/> 1	Wells: <input type="checkbox"/> 3	Production Pits: <input type="checkbox"/>	Dehydrator Units: <input type="checkbox"/>
Condensate Tanks: <input type="checkbox"/>	Water Tanks: <input type="checkbox"/> 4	Sparators: <input type="checkbox"/> 3	Electric Motors: <input type="checkbox"/>	Multi-Well Pits: <input type="checkbox"/>
Gas or Diesel Motors: <input type="checkbox"/>	Cavity Pumps: <input type="checkbox"/> 3	LACT Unit: <input type="checkbox"/> 1	Pump Jacks: <input type="checkbox"/>	Pigging Station: <input type="checkbox"/> 1
Electric Generators: <input type="checkbox"/> 1	Gas Pipeline: <input type="checkbox"/> 3	Oil Pipeline: <input type="checkbox"/>	Water Pipeline: <input type="checkbox"/> 3	Flare: <input type="checkbox"/> 3
Gas Compressors: <input type="checkbox"/>	VOC Combustor: <input type="checkbox"/>	Oil Tanks: <input type="checkbox"/>	Fuel Tanks: <input type="checkbox"/> 1	

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

6. Construction:

Date planned to commence construction: 06/15/2009 Size of disturbed area during construction in acres: 1.50
Estimated date that interim reclamation will begin: 10/01/2010 Size of location after interim reclamation in acres: 1.00
Estimated post-construction ground elevation: 7350 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 [X] Method: Land Farming [ ] Land Spreading [ ] Disposal Facility [X]
Other: RE-USE

7. Surface Owner:

Name: Phone:
Address: Fax:
Address: Email:
City: State: Zip: Date of Rule 306 surface owner consultation:
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 executor 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:

[X] Well Surety ID: 20021151 [ ] 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: 5490 , public road: 4646 , above ground utilit: 4646
, railroad: 36118 , property line: 4543

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: BULKLEY CLAY LOAM UNIT # 18 (SEE ATTACHMENT)

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: 06/08/2005

List individual species: GAMBEL OAK, BIG SAGE, WHEAT GRASS, BUFFALOGRASS, FESCUE, BRONE,  
CHEATGRASS, RYE

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: 1915, water well: 4335, depth to ground water: 500

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 18-22A PAD IS TO BE AN EXTENSION OF THE EXSITING HK 18-22 WDW WELL PAD. THREE (3) WELLS HAVE BEEN IDENTIFIED FOR DRILLING FROM THE 18-22A PAD. THESE INCLUDE THE HFK 1289 #18-22A (VERTICAL), THE HKF 1289 #18-24 (DIRECTIONAL) AND THE HKF 1290 #13-41E (DIRECTIONAL). ONLY THE APDS (FORM 2) FOR THE 18-22A AND 18-24 HAVE BEEN SUBMITTED. HOTCHKISS RANCHES INC, RUNS A LARGE NUMBER OF SHEEP ON THE PROJECT AREA AND PERIODICALLY UTILIZES A COMMERCIAL BRUSH HOG MOWING DEVICE TO REMOVE SAGE AND GAMBLE OAK TO IMPROVE FORAGE RATIO. THIS WAS DONE ON AND AROUND THE 18-22 AND 18-22A PAD SITES. THE SECTION 18 REFERENCE AREA PHOTOS REFLECT THE USE OF THE BRUSH HOG.

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

Signed: \_\_\_\_\_ Date: 06/25/2009 Email: LEE.FYOCK@OXBOW.COM

Print Name: LEE FYOCK Title: \_\_\_\_\_

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: David S. Nashin Director of COGCC Date: 8/10/2009

**Condition of Approval**

Comment	User Name	Comment Date
Agency		
Operator shall comply with BMPs described in the Comprehensive Drilling Plan, Order 1-143. Operator shall line pits constructed at the Oil and Gas Location.		07/30/2009

**Attachment Check List**

Att Doc Num	Name	Doc Description	Op. Check	File Size
1289004	OTHER	LF@2116475 1289004	Y	
1302957	LOCATION DRAWING	LF@2110392 1302957	Y	
1302963	CORRESPONDENCE	LF@2110388 1302963	Y	
1302964	HYDROLOGY MAP	LF@2110387 1302964	Y	
1789000	CONST. LAYOUT DRAWINGS	LF@2088962 1789000	Y	
1789001	CDP CONDITIONS	LF@2088963 1789001	Y	
1789010	HYDROLOGY MAP	LF@2090281 1789010	Y	
1789011	NRCS MAP UNIT DESC	LF@2090282 1789011	Y	
2012991	FORM 2A	LF@2088959 2012991	Y	
2012992	LOCATION PICTURES	LF@2088968 2012992	Y	
2012993	LOCATION PICTURES	LF@2088966 2012993	Y	
2012994	LOCATION DRAWING	LF@2088960 2012994	Y	
2012995	HYDROLOGY MAP	LF@2088971 2012995	Y	
2012996	ACCESS ROAD MAP	LF@2088978 2012996	Y	
2012997	REFERENCE AREA MAP	LF@2088970 2012997	Y	
2012998	REFERENCE AREA PICTURES	LF@2088969 2012998	Y	
2012999	NRCS MAP UNIT DESC	LF@2088961 2012999	Y	
2097181	CONST. LAYOUT DRAWINGS	LF@2112698 2097181	Y	

Total Attach: 18 Files