

**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:

400060976

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 standalone 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:

418061

Expiration Date:

06/28/2013☒ 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: 10071

Name: BARRETT CORPORATION* BILL

Address: 1099 18TH ST STE 2300

City: DENVER State: CO Zip: 80202

3. Contact Information

Name: Tracey Fallang

Phone: (303) 312-8134

Fax: (303) 291-0420

email: tfallang@billbarrettcorp.com

4. Location Identification:

Name: FEDERAL (MDP PAD #13) Number: 32A-20-691

County: GARFIELD

QuarterQuarter: SWNE Section: 20 Township: 6S Range: 91W Meridian: 6 Ground Elevation: 6457

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: 2609 feet FNL, from North or South section line, and 1759 feet FEL, from East or West section line.

Latitude: 39.513275 Longitude: -107.574978 PDOP Reading: 6.0 Date of Measurement: 01/01/2010

Instrument Operator's Name: D. Slaugh

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="8"/>	Production Pits: <input type="text"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text" value="6"/>	Water Tanks: <input type="text" value="6"/>	Separators: <input type="text" value="8"/>	Electric Motors: <input type="text"/>	Multi-Well Pits: <input type="text"/>
Gas or Diesel Motors: <input type="text"/>	Cavity Pumps: <input type="text"/>	LACT Unit: <input type="text"/>	Pump Jacks: <input type="text"/>	Pigging Station: <input type="text"/>
Electric Generators: <input type="text"/>	Gas Pipeline: <input type="text" value="1"/>	Oil Pipeline: <input type="text" value="1"/>	Water Pipeline: <input type="text" value="1"/>	Flare: <input type="text"/>
Gas Compressors: <input type="text"/>	VOC Combustor: <input type="text" value="2"/>	Oil Tanks: <input type="text"/>	Fuel Tanks: <input type="text"/>	

Other: 30 (500bbbls) Temporary Frac Tanks

6. Construction:

Date planned to commence construction: ~~10/01/2010~~ Size of disturbed area during construction in acres: ~~4.06~~
Estimated date that interim reclamation will begin: 11/01/2011 Size of location after interim reclamation in acres: 1.20
Estimated post-construction ground elevation: 6453 Will a closed loop system be used for drilling fluids: Yes ☐
Will salt sections be encountered during drilling: Yes ☐ No ☒ Is H2S anticipated? Yes ☐ No ☒
Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes ☐ No ☒
Mud disposal: Offsite ☐ Onsite ☒ Method: Land Farming ☐ Land Spreading ☒ Disposal Facility ☐
Other: Evaporating/Back Filling

7. Surface Owner:

Name: BLM Phone: 970-876-9000
Address: 2300 River Frontage Road Fax: _____
Address: _____ Email: _____
City: Glenwood Springs State: CO Zip: 81652 Date of Rule 306 surface owner consultation: _____
Surface Owner: ☐ Fee ☐ State ☒ Federal ☐ Indian
Mineral Owner: ☐ Fee ☐ State ☒ 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 ☐ 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 ☒
Distance, in feet, to nearest building: 1600, public road: 2990, above ground utilit: 975
, railroad: 14840, property line: 429

10. 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

11. 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

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 Vale Silt Loam 3 to 6 percent slopes

NRCS Map Unit Name: 66 Torriorthents-Camborthids-Rock outcrop complex, steep

NRCS Map Unit Name: 67 Torriorthents-Rock outcrop complex, steep

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: 01/07/2010

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): _____

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: 286, water well: 1361, depth to ground water: 85

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 Supply 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:

This well location is part of a Environmental Assessment (Bill Barrett Corp. - Gibson Gulch Master Development Plan for Oil and Gas) through the U.S. Department of the Interior Bureau of Land Management Glenwood Springs Energy Office, 2300 River Frontage Road, Silt, Colorado 81652

Well location is within sensitive wildlife habitat area: Mule Deer and Elk Winter Concentration Area.

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

Signed: _____ Date: 05/12/2010 Email: mbarber@billbarrettcorp.com

Print Name: Matt Barber Title: Permit Analyst

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. Neslin Director of COGCC Date: 6/29/2010

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.

Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations. If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of fluids.

Reserve pit must be lined or closed loop system must be implemented during drilling.

Operator must implement best management practices to contain any unintentional release of fluids.

The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, the drill cuttings must also meet the applicable standards of table 910-1.

Location is in a sensitive area because of proximity to surface water; therefore, operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations.

Attachment Check List

Att Doc Num	Name
2033175	CORRESPONDENCE
2033176	LOCATION PICTURES
400060976	FORM 2A APPROVED
400061141	LOCATION DRAWING
400061143	PROPOSED BMPs
400061145	MULTI-WELL PLAN
400061147	ACCESS ROAD MAP
400061148	REFERENCE AREA MAP
400061150	WELL LOCATION PLAT
400061152	HYDROLOGY MAP
400061154	HYDROLOGY MAP
400061155	CONST. LAYOUT DRAWINGS
400061156	NRCS MAP UNIT DESC
400061157	NRCS MAP UNIT DESC
400061158	NRCS MAP UNIT DESC
400061159	NRCS MAP UNIT DESC
400061160	NRCS MAP UNIT DESC
400061161	PROPOSED BMPs
400062284	317B NOTIFICATION

Total Attach: 19 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
DOW	<p>The BMPs, as submitted by the operator, are sufficient for this site.</p> <p>In addition to the agreed to BMPs the operator has agreed to the following mitigation as part of the Gibson Gulch Master Development Plan (BLM):</p> <p>1) Annual interim reclamation monitoring will be utilized to ensure proper growth of vegetation and to inspect for noxious weeds.</p> <p>2) Set and post speed limits below 20 mph where allowed by surface owner.</p> <p>3) Site selection to reduce unnecessary roads in wildlife habitat.</p> <p>4) Implement habitat treatments in sagebrush areas; retain selected hay meadows with forage in the fall; close and revegetate unnecessary roads in the planning area. These actions will increase forage for big game.</p> <p>5) Install a guzzler.</p> <p>by Michael Warren on Friday, June 25, 2010 at 8:30 A.M.</p>	6/25/2010 8:34:27 AM

Total: 1 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)