

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:
400233981

Oil and Gas Location Assessment

☐ New Location ☒ Amend Existing Location Location#: 306812

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:

306812

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: 10000

Name: BP AMERICA PRODUCTION COMPANY

Address: 501 WESTLAKE PARK BLVD

City: HOUSTON State: TX Zip: 77079

3. Contact Information

Name: Patti Campbell

Phone: (970) 335-3828

Fax: (970) 335-3837

email: patricia.campbell@bp.com

4. Location
Identification:

Name: McCarville GU A Number: 3

County: LA PLATA

Quarter: SWNW Section: 14 Township: 33N Range: 9W Meridian: N Ground Elevation: 6765

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: 2296 feet FNL, from North or South section line, and 1112 feet FWL, from East or West section line.

Latitude: 37.104810 Longitude: -107.800810 PDOP Reading: 2.5 Date of Measurement: 01/18/2011

Instrument Operator's Name: Bill Mitchell

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"/> 2	Production Pits: <input type="checkbox"/>	Dehydrator Units: <input type="checkbox"/>
Condensate Tanks: <input type="checkbox"/>	Water Tanks: <input type="checkbox"/> 1	Separators: <input type="checkbox"/> 4	Electric Motors: <input type="checkbox"/> 3	Multi-Well Pits: <input type="checkbox"/>
Gas or Diesel Motors: <input type="checkbox"/> 1	Cavity Pumps: <input type="checkbox"/> 2	LACT Unit: <input type="checkbox"/>	Pump Jacks: <input type="checkbox"/> 2	Pigging Station: <input type="checkbox"/>
Electric Generators: <input type="checkbox"/> 1	Gas Pipeline: <input type="checkbox"/> 1	Oil Pipeline: <input type="checkbox"/>	Water Pipeline: <input type="checkbox"/> 1	Flare: <input type="checkbox"/>
Gas Compressors: <input type="checkbox"/> 1	VOC Combustor: <input type="checkbox"/>	Oil Tanks: <input type="checkbox"/>	Fuel Tanks: <input type="checkbox"/>	

Other: 1-Electric Control Box; Exsting well onsite & assoc equipment included in numbers above.

6. Construction:

Date planned to commence construction: 12/02/2012 Size of disturbed area during construction in acres: 1.62
Estimated date that interim reclamation will begin: 12/02/2013 Size of location after interim reclamation in acres: 1.41
Estimated post-construction ground elevation: 6765 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: Recycle/reuse

7. Surface Owner:

Name: BP America Production Co Phone: 970-247-6800
Address: 380 Airport Road Fax: _____
Address: _____ Email: _____
City: Durango State: CO Zip: 81303 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: 20010158 ☐ Gas Facility Surety ID: _____ ☐ Waste Mgnt. Surety ID: _____

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes ☐ No ☒
Distance, in feet, to nearest building: 1368, public road: 782, above ground utilit: 141
, railroad: 65637, property line: 399

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 be 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: Zyme clay loam, 3 to 25 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: Pinyon, Rocky Mountain juniper

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: 1381, water well: 243, depth to ground water: 260

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:

1. DOW consultation via the BP San Juan Basin Colorado Wildlife Mitigation Plan (WMP) dated March 2011; 7. SUA attached to related Form 2 contains waiver to the 30 day notice (Rule 305) and consultation (Rule 306); 11. Reference area photos taken during growing season will be provided within 12 months; 13. Noxious weeds are controlled by an ongoing weed control plan; 14. Sensitive Area Determination Data: Area determined to be sensitive due to a water well at 243 feet.

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

Signed: _____ Date: _____ Email: patricia.campbell@bp.com

Print Name: Patricia Campbell Title: Regulatory 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: _____ 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
400234067	LOCATION PICTURES
400234068	LOCATION DRAWING
400234069	SURFACE PLAN
400234070	HYDROLOGY MAP
400234071	ACCESS ROAD MAP
400234072	REFERENCE AREA MAP
400234073	NRCS MAP UNIT DESC
400234074	CONST. LAYOUT DRAWINGS
400234075	CONST. LAYOUT DRAWINGS
400234076	CONST. LAYOUT DRAWINGS
400234077	CONST. LAYOUT DRAWINGS
400234079	MULTI-WELL PLAN
400234080	PROPOSED BMPs

Total Attach: 13 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Wildlife	Covered in the BP San Juan Basin Colorado Wildlife Mitigation Plan (WMP) dated March 2011.
Storm Water/Erosion Control	Covered in the field wide Storm Water Management Plan. Supplemental site specific SWMP is attached.

Total: 2 comment(s)