

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



Document Number:

400256043

Date Received:

03/06/2012

Oil and Gas Location Assessment

☐ New Location

☒ Amend Existing Location Location#: 325426

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:

325426

Expiration Date:

03/29/2015

☐ 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: Wright GU 01-19 Number: 2

County: LA PLATA

QuarterQuarter: SENW Section: 19 Township: 34N Range: 6W Meridian: M Ground Elevation: 6886

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: 1573 feet FNL, from North or South section line, and 2183 feet FWL, from East or West section line.

Latitude: 37.179330 Longitude: -107.542900 PDOP Reading: 2.0 Date of Measurement: 08/15/2011

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

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

6. Construction:

Date planned to commence construction: 12/25/2013 Size of disturbed area during construction in acres: 1.60
 Estimated date that interim reclamation will begin: 12/25/2014 Size of location after interim reclamation in acres: 1.03
 Estimated post-construction ground elevation: 6886 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: _____ Phone: _____
 Address: _____ Fax: _____
 Address: _____ Email: _____
 City: _____ State: _____ Zip: _____ 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: 407 , public road: 2185 , above ground utilit: 1078
 , railroad: 103942 , property line: 257

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: Not mapped

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: _____

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: 5, water well: 151, depth to ground water: 55
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: Area determined to be sensitive due to an intermittent stream at 5 feet from site perimeter and a water well (#173875) at 151 feet.

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

Signed: _____ Date: 03/06/2012 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: 3/30/2012

**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.

SITE SPECIFIC COA:

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 that will be reused/recycled must also meet the applicable standards of table 910-1. However, if the drill cuttings are to remain onsite, the following exceptions to meeting the 910-1 standards will be applicable: COGCC and CDPHE have decided that operators do not need to request variances from CDPHE for instances where pit contents do not meet the Table 910-1 values for pH, electrical conductivity (EC), or sodium adsorption ration (SAR). However, operators shall attempt, where practicable, to meet the pH, EC, and SAR values, but must ensure that the remaining pit contents are covered with a minimum of 3 feet of backfill and soil. The soil horizons must be replaced in their original relative position, and reclaimed in accordance with the 1000 Series Rules. The backfill and replaced soil must meet Table 910-1 pH, EC, and SAR values, with consideration given to background levels in native soils.

Attachment Check List

Att Doc Num	Name
400256043	FORM 2A SUBMITTED
400258062	LOCATION PICTURES
400258063	LOCATION DRAWING
400258064	SURFACE PLAN
400258065	HYDROLOGY MAP
400258066	ACCESS ROAD MAP
400258276	REFERENCE AREA MAP
400258278	CONST. LAYOUT DRAWINGS
400258280	CONST. LAYOUT DRAWINGS
400258283	CONST. LAYOUT DRAWINGS
400258284	CONST. LAYOUT DRAWINGS
400258285	MULTI-WELL PLAN
400258287	PROPOSED BMPs

Total Attach: 13 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review completed.	3/29/2012 7:05:07 AM
OGLA	Initiated/Completed OGLA Form 2A review on 03-26-12 by Dave Kubeczko; previously built location; operator submitted BMPs are sufficient; passed by CPW on 03-07-12 with location within WMP; passed OGLA Form 2A review on 03-27-12 by Dave Kubeczko; cuttings moisture/management COA, BMPs sufficient.	3/26/2012 1:17:53 PM
DOW	This location is covered under the Wildlife Mitigation Plan. Efforts have been undertaken to avoid, minimize, and mitigate impacts to wildlife resource. These include site specific measures and a commitment to offset the direct habitat impacts through conservation and land preservation actions.	3/7/2012 11:40:05 AM

Total: 3 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Interim Reclamation	<ul style="list-style-type: none"> ? Remove SF and replace with SCLs. ? Install ECB. ? Reclaim cut slopes to 3:1 or less. Reclaim temporary fills out of wetland. See USACOE permit for additional conditions. ? Dispose of drill cuttings in accordance with COGCC 900 series rules. ? Spread topsoil over fill slopes & blend to existing grade areas where sloping meets pre-disturbance grade. ? Repair, replace, or install pad wattles if necessary or as shown.
Storm Water/Erosion Control	Covered in the field wide Storm Water Management Plan. Supplemental site specific SWMP is attached.
Wildlife	Covered in the BP San Juan Basin Colorado Wildlife Mitigation Plan (WMP) dated March 2011.
Drilling/Completion Operations	<p>BMPs: Spill and Contaminated Soil Management</p> <ul style="list-style-type: none"> ? Fuel, mud products, drill cutting spoils, trailer septic tanks, etc. that may contribute to storm water runoff shall be maintained within the graveled wellpad area and contained in proper containers and/or sheltered from exposure. ? Any equipment maintenance shall be avoided during drilling and completion—in the event maintenance must occur, it shall be conducted within the graveled pad area, fluids shall be captured within spill proof containers, and absorbent mats shall be utilized beneath maintenance operations. ? Contaminated soil should be collected and disposed of at an appropriate soil farm or similar facility.
Construction	<ul style="list-style-type: none"> ? Install silt fence and SCLs as shown on map to act as a delineator of wetland so that no spoils enter wetland beyond permitted temporary fills. See USACOE permit for additional conditions. ? Establish subbase to route surface water as sheet flow to the south end of location. ? Establish base lift gravel to accommodate level drilling operations and stabilize pad surface. ? Store topsoil on south end of pad as shown on map.

Total: 5 comment(s)