

**FORM  
2A**Rev  
04/01State 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:

400081263

**Oil and Gas Location Assessment**☐ New Location ☒ Amend Existing Location Location#: 325768

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:

**325768**

Expiration Date:

**09/16/2013**☒ 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: 10000

Name: BP AMERICA PRODUCTION COMPANY

Address: 501 WESTLAKE PARK BLVD

City: HOUSTON State: TX Zip: 77079

**3. Contact Information**

Name: Susan Folk

Phone: (970) 335-3828

Fax: (970) 335-3837

email: susan.folk@bp.com

**4. Location Identification:**

Name: Clary GU Number: 3

County: LA PLATA

Quarter: LOT 4 Section: 18 Township: 34N Range: 9W Meridian: M Ground Elevation: 6337

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: 905 feet, from North or South section line: FSL and 1104 feet, from East or West section line: FWL

Latitude: 37.186360 Longitude: -107.872220 PDOP Reading: 2.4 Date of Measurement: 02/18/2010

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

Other: Electric Control Box -1 Linear Road Pump -2 Pre-existing well with associated equipment on site included in numbers above.

## 6. Construction:

Date planned to commence construction: 02/28/2011 Size of disturbed area during construction in acres: 1.90  
Estimated date that interim reclamation will begin: 02/28/2012 Size of location after interim reclamation in acres: 1.10  
Estimated post-construction ground elevation: 6337 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: 682, public road: 584, above ground utilit: 1105  
, railroad: 29594, property line: 470

## 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: Ustic Torriorthents - Ustollic Haplargids complex

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, Western wheatgrass, Indian ricegrass, Muttongrass, Prairie junegrass, Basin big sagebrush, rabbitbrush, gambel oak, Needleandthread, Blue grama

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: 227, water well: 725, depth to ground water: 50

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:

6. Size of distrubed area during construcion includes new and existing disturbance. 13. Noxious weeds are controlled by ongoing weed control plan. 14. Sensitive Area Determination Data: Area determined to be sensitive as location is (1) 305' from Animas River and (2) 227' from an irrigation ditch.

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

Signed: \_\_\_\_\_ Date: 08/02/2010 Email: susan.folk@bp.com

Print Name: Susan Folk Title: Infill Permit Coordinator

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

*David S. Neslin*

COGCC Approved: \_\_\_\_\_

Director of COGCC

Date: 9/17/2010

**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.**

This location will be covered under the CDOW/BP WMP. Efforts to avoid, minimize, and mitigate impacts to wildlife resources will be implemented at this location once the WMP is complete.

Location is in a sensitive area because of proximity to surface water (irrigation ditch and Animas River to east-northeast); therefore, operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures sufficiently protective of nearby surface water.

Operator must implement best management practices to contain any unintentional release of drilling, completion, or produced fluids.

**Attachment Check List**

Att Doc Num	Name	Doc Description
2033318	CORRESPONDENCE	LF@2529180 2033318
400081263	FORM 2A SUBMITTED	LF@2516924 400081263
400081287	LOCATION PICTURES	LF@2516925 400081287
400081288	LOCATION PICTURES	LF@2516926 400081288
400081289	LOCATION PICTURES	LF@2516927 400081289
400081290	LOCATION PICTURES	LF@2516928 400081290
400081291	LOCATION DRAWING	LF@2516929 400081291
400081292	SURFACE PLAN	LF@2516930 400081292
400081293	HYDROLOGY MAP	LF@2516931 400081293
400081294	ACCESS ROAD MAP	LF@2516932 400081294
400081295	NRCS MAP UNIT DESC	LF@2516933 400081295
400081296	CONST. LAYOUT DRAWINGS	LF@2516934 400081296
400081297	CONST. LAYOUT DRAWINGS	LF@2516935 400081297
400081298	CONST. LAYOUT DRAWINGS	LF@2516936 400081298
400081299	CONST. LAYOUT DRAWINGS	LF@2516937 400081299
400081300	MULTI-WELL PLAN	LF@2516938 400081300
400081301	PROPOSED BMPs	LF@2516939 400081301

Total Attach: 17 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	PERMITTING PASSED	9/13/2010 8:33:14 AM
Permit	Change Qtr Qtr to Lot 4 per Operator	9/13/2010 8:29:07 AM
OGLA	Initiated/Completed OGLA Form 2A review on 08-12-10 by Dave Kubeczko; requested clarifications and acknowledgement of close SW fluid containment, spill/release BMPs COAs from operator on 08-12-10; received clarifications and acknowledgement of COAs from operator on 08-12-10; passed by CDOW on 08-06-10, with operator submitted (with permit application) BMPs acceptable; this location will be part of the wildlife mitigation plan being developed between BP and CDOW; passed OGLA Form 2A review on 08-25-10 by Dave Kubeczko; close SW fluid containment, spill/release BMPs COAs.	8/12/2010 12:32:28 PM

Total: 3 comment(s)

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