

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



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Document Number:

2095892

**Oil and Gas Location Assessment**

☐ New Location ☒ Amend Existing Location Location#: 306769

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:

**306769**

Expiration Date:

**04/15/2013**

☒ 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: NELEIGH GU 01-07 Number: 4

County: LA PLATA

QuarterQuarter: SWSE Section: 7 Township: 34N Range: 7W Meridian: N Ground Elevation: 7102

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: 1262 feet, from North or South section line: FSL and 1570 feet, from East or West section line: FEL

Latitude: 37.225630 Longitude: -107.674590 PDOP Reading: 2.0 Date of Measurement: 09/16/2008

**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: PRE-EXISTING WELL WITH ASSOCIATED EQUIPMENT ON SITE INCLUDED IN NUMBERS ABOVE.

## 6. Construction:

Date planned to commence construction: 07/01/2010 Size of disturbed area during construction in acres: 1.72  
Estimated date that interim reclamation will begin: 08/01/2010 Size of location after interim reclamation in acres: 1.11  
Estimated post-construction ground elevation: 7102 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: JANICE NELEIGH REV. TRUST Phone: 970/884-2696  
Address: 37640 HWY 160 Fax: \_\_\_\_\_  
Address: \_\_\_\_\_ Email: \_\_\_\_\_  
City: BAYFIELD State: CO Zip: 81122 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: 20030033 ☐ 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: 967, public road: 644, above ground utilit: 703  
, railroad: 55440, property line: 53

## 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: 82. ZYME-ROCK OUTCROP COMPLEX, 12 TO 65 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, INDIAN RICEGRASS, INDIAN RICE GRASS, BASIN  
BIG SAGEBRUSH, WESTERN WHEATGRASS, TRUE MOUNTAIN MAHOGANY,  
ANTELOPEBITTERBRUSH, MUTTONGRASS

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: 299, water well: 1118, depth to ground water: 30

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:

6. CONSTRUCTION WILL COMMENCE 6 MONTHS PRIOR TO DRILLING. SIZE OF DISTURBED AREA DURING CONSTRUCTION INCLUDES NEW AND EXISTING DISTURBANCE. ESTIMATED DATE THAT INTERIM RECLAMATION WILL BEGIN IS 6 MONTHS AFTER FIRST DELIVERY OF WELL. 9. WELL PAD IS ON TWO SURFACE OWNERS. SUA'S HAVE BEEN OBTAINED FROM BOTH SURFACE OWNERS AND ARE STILL VALID. A VARIANCE REQUEST IS ATTACHED. 11. REFERENCE AREA PHOTOS WILL BE TAKEN DURING GROWING SEASON AND SUBMITTED WITHIN 12 MONTHS. 13. NOXIOUS WEEDS ARE CONTROLLED IN ACCORDANCE WITH WEED CONTROL PLAN. 14. SENSITIVE AREA DETERMINATION: LOCATION IS ON AN ELEVATED PROMONTORY. AN IRRIGATION DITCH IS LOCATED ABOUT 300' SOUTH OF THE LOCATION AT AN ELEVATION ABOUT 100' LOWER THAN THE WELL PAD. A DRAINAGE IS LOCATED ABOUT 450' EAST OF THE WELL PAD, ALSO ABOUT 100' THAN THE WELL PAD. DEPTH TO GROUNDWATER WOULD BE ON THE ORDER OF 100'.

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

Signed: \_\_\_\_\_ Date: 02/10/2010 Email: SUSAN.FOLK@BP.COM

Print Name: SUSAN FOLK Title: PERMITS

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. Nash*

Director of COGCC

Date: 4/16/2010

**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.**

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.

Location is in a sensitive area because shallow groundwater; therefore either a lined drilling pit or closed loop system must be implemented.

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

Operations shall be conducted in accordance with BP/CDOW wildlife mitigation plan.

**Attachment Check List**

Att Doc Num	Name	Doc Description
1637935	CDPHE CONSULTATION	LF@2453188 1637935
2032967	CORRESPONDENCE	LF@2437324 2032967
2095892	FORM 2A	LF@2396742 2095892
2095897	LOCATION PICTURES	LF@2396755 2095897
2095898	LOCATION PICTURES	LF@2396756 2095898
2095899	LOCATION PICTURES	LF@2396757 2095899
2095900	LOCATION PICTURES	LF@2396758 2095900
2095901	LOCATION DRAWING	LF@2396759 2095901
2095902	HYDROLOGY MAP	LF@2396760 2095902
2095903	ACCESS ROAD MAP	LF@2396761 2095903
2095904	REFERENCE AREA MAP	LF@2396762 2095904
2095905	NRCS MAP UNIT DESC	LF@2396744 2095905
2095906	CONST. LAYOUT DRAWINGS	LF@2396745 2095906
2095907	MULTI-WELL PLAN	LF@2396746 2095907
2095908	PROPOSED BMPs	LF@2396752 2095908
2095909	EXCEPTION LOC REQUEST	LF@2396747 2095909
2095910	EXCEPTION LOC WAIVERS	LF@2396748 2095910
2099117	LOCATION DRAWING	LF@2396743 2099117
2099118	EXCEPTION LOC REQUEST	LF@2396754 2099118
400040664	FORM 2A SUBMITTED	LF@2426425 400040664

Total Attach: 20 Files