

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:
400085607

Oil and Gas Location Assessment

New Location Amend Existing Location Location#: 325978

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:
325978
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: Susan Folk
Phone: (970) 335-3828
Fax: (970) 335-3837
email: susan.folk@bp.com

4. Location Identification:

Name: Ray, Billy GU Number: 3
County: LA PLATA
Quarter: SWNW Section: 19 Township: 34N Range: 9W Meridian: M Ground Elevation: 6358

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: 1742 feet, from North or South section line: FNL and 1068 feet, from East or West section line: FWL

Latitude: 37.179090 Longitude: -107.872440 PDOP Reading: 2.6 Date of Measurement: 03/19/2010

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: Drilling Pits: Wells: Production Pits: Dehydrator Units:
Condensate Tanks: Water Tanks: Separators: Electric Motors: Multi-Well Pits:
Gas or Diesel Motors: Cavity Pumps: LACT Unit: Pump Jacks: Pigging Station:
Electric Generators: Gas Pipeline: Oil Pipeline: Water Pipeline: Flare:
Gas Compressors: VOC Combustor: Oil Tanks: Fuel Tanks:

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

6. Construction:

Date planned to commence construction: 03/11/2011 Size of disturbed area during construction in acres: 1.83
Estimated date that interim reclamation will begin: 03/11/2012 Size of location after interim reclamation in acres: 1.06
Estimated post-construction ground elevation: 6358 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: Family Bardin Partnership Phone: 970-259-1617
Address: P.O. Box 464 Fax: _____
Address: _____ Email: _____
City: Durango State: CO Zip: 81302 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 Mgmt. Surety ID: _____

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes No
Distance, in feet, to nearest building: 1649, public road: 660, above ground utilit: 1116
, railroad: 32231, property line: 63

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: Shalona Loam
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: Western wheatgrass, Indian ricegrass, Needleandthread, Basin big sagebrush, Prairie junegrass, Bottlebrush squirreltail

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: 490, water well: 161, depth to ground water: 120
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 disturbed area during constructions includes new and existing disturbance. 11. Reference area photos taken during growing season will be provided within 12 months 13. Noxious weeds controlled by weed management program. 14. Sensitive Area Determination Data: Area determined to be sensitive due to proximity to irrigation ditch at 490'. Waiver to the 30 day notice (Rule 305) & waiver to the consultation (Rule 306) can be found in SUA attached to the related Form 2. Rule 603.a (2) Exception Request attached to Form 2; Waiver can be found in the SUA attached to the Form 2; the subject location is on two adjacent parcels both owned by the same surface owner.

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

Signed: _____ Date: 08/18/2010 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.

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	Doc Description
400085607	FORM 2A SUBMITTED	400085607.pdf
400085613	LOCATION PICTURES	Ray,Billy GU #3 North Photo.PDF
400085614	LOCATION PICTURES	Ray, Billy GU #3 East Photo.PDF
400085615	LOCATION PICTURES	Ray,Billy GU #3 South Photo.PDF
400085617	LOCATION PICTURES	Ray,Billy GU #3 West Photo.PDF
400085619	LOCATION DRAWING	RAY BILLY GU #3 Location Drawing.pdf
400085624	SURFACE PLAN	SURFACE USES WITHIN 400 RAY BILLY GU #3.pdf
400085626	HYDROLOGY MAP	RAY BILLY GU #3 Hydrology Map.pdf
400085628	ACCESS ROAD MAP	RAY BILLY GU #3 Access Road Map.pdf
400085630	REFERENCE AREA MAP	RAY BILLY GU #3 Reference Area Map.pdf
400085634	NRCS MAP UNIT DESC	Ray,Billy GU #3 NRCS Map Unit Description.PDF
400085636	CONST. LAYOUT DRAWINGS	RAY, BILLY GU #3 WELL PAD PLAN Rev0.pdf
400085637	CONST. LAYOUT DRAWINGS	RAY, BILLY GU #3 WELL PAD PROFILES pg1 Rev0.pdf
400085638	CONST. LAYOUT DRAWINGS	RAY, BILLY GU #3 WELL PAD PROFILES pg2 Rev0.pdf
400085639	CONST. LAYOUT DRAWINGS	RAY, BILLY GU #3 RECLAMATION PAD PLAN Rev0.pdf
400085640	CONST. LAYOUT DRAWINGS	RAY, BILLY GU #3 RECLAMATION PROFILES Rev0.pdf
400085642	MULTI-WELL PLAN	RAY,BILLY_GU3 Multiwell Plan.pdf
400085644	PROPOSED BMPs	SWMOH_RayBillyGU#3_10-0629BC.pdf

Total Attach: 18 Files