

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



Table with columns DE, ET, OE, ES

Document Number: 400185760

Oil and Gas Location Assessment

[X] New Location [] Amend Existing Location Location#: _____

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...

Location ID:
Expiration Date:

[X] 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: 10261
Name: BAYSWATER EXPLORATION AND PRODUCTION LLC
Address: 730 17TH ST STE 610
City: DENVER State: CO Zip: 80202

3. Contact Information

Name: Kallasandra Moran
Phone: (303) 928-7128
Fax: (303) 962-6237
email: kmoran@petro-fs.com

4. Location Identification:

Name: Wilson Number: 4-26
County: WELD
Quarter: NWNW Section: 26 Township: 7N Range: 64W Meridian: 6 Ground Elevation: 4843

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...

Footage at surface: 660 feet FNL, from North or South section line, and 661 feet FWL, from East or West section line.
Latitude: 40.549771 Longitude: -104.523921 PDOP Reading: 1.6 Date of Measurement: 05/18/2011
Instrument Operator's Name: Owen McKee / PFS

5. Facilities (Indicate the number of each type of oil and gas facility planned on location):

Special Purpose Pits: [] Drilling Pits: [] Wells: [1] 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: _____

6. Construction:

Date planned to commence construction: 08/01/2011 Size of disturbed area during construction in acres: 1.37
Estimated date that interim reclamation will begin: 02/16/2012 Size of location after interim reclamation in acres: 0.50
Estimated post-construction ground elevation: 4843 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: Closed Loop System

7. Surface Owner:

Name: Dorie Troutt Phone: _____
Address: 28500 VCR 78 Fax: _____
Address: _____ Email: _____
City: Eaton State: CO Zip: 80615 Date of Rule 306 surface owner consultation: 06/21/2010

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: 20080034 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: 1222, public road: 661, above ground utilit: 676
, railroad: 5280, property line: 657

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: 47 - Olney fine sandy loam 1 to 3 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: _____

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: 233, water well: 1287, 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 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:

• The location does NOT require a variance from any of the rules listed in Rule 306.d. (1). (A). (ii). • The location is NOT in a restricted surface occupancy area. • The location is NOT a sensitive wildlife habitat area.

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

Signed: _____ Date: 07/19/2011 Email: kmoran@petro-fs.com

Print Name: Kallasandra M. Moran 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
400185760	FORM 2A SUBMITTED
400185768	ACCESS ROAD MAP
400185769	REFERENCE AREA PICTURES
400185770	HYDROLOGY MAP
400185771	LOCATION PICTURES
400185772	LOCATION DRAWING
400185774	OTHER
400185832	NRCS MAP UNIT DESC
400185833	OTHER

Total Attach: 9 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>
Site Specific	Fence the well site after drilling to restrict public and wildlife access. Keep well site location, the road, and the pipeline easement free of noxious weeds, litter and debris. Spray for noxious weeds, and implement dust control, as needed. Bayswater E&P will not permit the release or discharge of any toxic or hazardous chemicals or wastes on Owner's Land. Construct and maintain gates where any roads used by Bayswater E&P cross through fences on the leased premises.
Storm Water/Erosion Control	Use water bars, and other measures to prevent erosion and non-source pollution. Implement and maintain BMPs to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. Co-locate gas and water gathering lines whenever feasible, and mitigate any erosion problems that arise due to the construction of any pipeline(s).
Final Reclamation	All surface restoration shall be accomplished to the satisfaction of Owner. All reseeding shall be done with grasses consistent with the Rocky Mountain native mix or other grasses reasonably requested by surface owner and during planting period suggested by Owner. Final reclamation shall be completed to the reasonable satisfaction of the Owner as soon as practical after installation (weather permitting) and in accordance with regulatory agency standards (BLM/COGCC).
Interim Reclamation	Utilize only such area around each producing well as is reasonably necessary. Restore the remainder of the well site location to its original condition within a reasonable time after the completion of operations. All reseeding shall be done with grasses consistent with the Rocky Mountain native mix or other grasses reasonably requested by surface owner and during planting period suggested by Owner.
Drilling/Completion Operations	Use a closed-loop drilling mud system to preclude the use of an earthen reserve pits when available.
Planning	When feasible develop multiple well sites by using directional drilling to reduce cumulative impacts and adverse impacts on wildlife resources.
Construction	Remove only the minimum amount of vegetation necessary for the construction of roads and facilities. Conserve topsoil during excavation and reuse as cover on disturbed areas to facilitate regrowth of vegetation. No construction or routine maintenance activities will be performed during periods when the soil is too wet to adequately support construction equipment.

Total: 7 comment(s)