

FORM
2A
Rev
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Document Number:
2583650

Oil and Gas Location Assessment

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. 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:
419243
Expiration Date:
09/07/2013

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

3. Contact Information

Name: DON BARBULA
Phone: (303) 893-2503
Fax: (303) 893-2508
email: DBARBULA@BAYSWATER.US

4. Location Identification:

Name: MOJACK TANK BATTERY Number: _____
County: WELD
Quarter: NWNE Section: 28 Township: 7N Range: 64W Meridian: 6 Ground Elevation: 4900
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: 110 feet, from North or South section line: FNL and 1360 feet, from East or West section line: FEL
Latitude: 40.551076 Longitude: -104.550041 PDOP Reading: 2.3 Date of Measurement: 07/30/2010
Instrument Operator's Name: B. BAUN/BUYS & ASSOC., INC.

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

Other: _____

6. Construction:

Date planned to commence construction: 10/01/2010 Size of disturbed area during construction in acres: 0.35
Estimated date that interim reclamation will begin: 01/01/2011 Size of location after interim reclamation in acres: 0.30
Estimated post-construction ground elevation: 4900 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:

7. Surface Owner:

Name: Phone:
Address: Fax:
Address: Email:
City: State: Zip: Date of Rule 306 surface owner consultation: 06/30/2010
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 Mgmt. Surety ID:

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes No
Distance, in feet, to nearest building: 1765 , public road: 1315 , above ground utilit: 1315
, railroad: 34230 , property line: 110

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: MAP UNIT 72 - VONA LOAMY SAND, 0 TO 3 PERCENT SLOPES

NRCS Map Unit Name: 48-Olney fine sandy loam, 3-5 percent slopes

NRCS Map Unit Name: 56-Renohill clay loam, 0-3 percent slopes

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 (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: 3100, water well: 1986, depth to ground water: 158

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 MOJACK TANK BATTERY WILL RECEIVE FLUIDS FROM THE MOJACK 1-28 AND MOJACK 2-28 WELLS. SEPARATE FORMS 2 AND 2A FOR THESE WELLS HAVE BEEN SUBMITTED TO COGCC. A DELIVERY CONFIRMATION WAS PROVIDED BY FEDERAL EXPRESS ON AUGUST 5, 2010. - A NOBLE ENERGY TANK BATTERY IS LOCATED ACROSS THE PROPERTY/SECTION LINE AND APPROXIMATELY 174 FEET NORTH OF THE PROPOSED SITE. ACCESS TO THE MOJACK BATTERY WILL BE ALONG THE ROAD CURRENTLY IN PLACE TO SERVICE THE NOBLE BATTERY. - THE REFERENCE AREA IS LOCATED ADJACENT TO AND SW OF THE PROPOSED SITE; THEREFORE, NO REFERFENCE MAP IS INCLUDED. - A WATER WELL OWNED BY HENRY KOHLHOFF IS LOCATED APPROXIMATELY 1892 FEET NE OF THE PROPOSED SITE, HOWEVER, RECORDS SHOW THE WELL IS NOT IN PRODUCTION AND NO WATER LEVEL IS PROVIDED. INFORMATION PROVIDED IN SECTION 14 IS FOR THE NEXT CLOSEST WATER WELL.

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

Signed: _____ Date: 08/10/2010 Email: DBARBULA@BAYSWATER.US

Print Name: DONALD W. BARBULA Title: VP OPERATIONS

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. Nashin

Director of COGCC

Date: 9/8/2010

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.

Attachment Check List

Att Doc Num	Name	Doc Description
1641922	CORRESPONDENCE	LF@2526490 1641922
1641923	NRCS MAP UNIT DESC	LF@2526491 1641923
1641924	NRCS MAP UNIT DESC	LF@2526492 1641924
2583650	FORM 2A SUBMITTED	LF@2522677 2583650
2583651	LOCATION PICTURES	LF@2522678 2583651
2583652	LOCATION PICTURES	LF@2522659 2583652
2583653	LOCATION DRAWING	LF@2522661 2583653
2583654	HYDROLOGY MAP	LF@2522662 2583654
2583655	ACCESS ROAD MAP	LF@2522663 2583655
2583656	REFERENCE AREA PICTURES	LF@2522664 2583656
2583657	REFERENCE AREA PICTURES	LF@2522665 2583657
2583658	NRCS MAP UNIT DESC	LF@2522679 2583658
2583659	PROPOSED BMPs	LF@2522680 2583659
2583660	OTHER	LF@2522666 2583660

Total Attach: 14 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	surface owner is the mineral owner; bonding removed	8/30/2010 6:46:38 AM
OGLA	Requested additon of two NRCS Soil units and change distance to nearest surface water to 3,100 feet. Operator (D. Barbula) agreed.	8/19/2010 1:07:14 PM

Total: 2 comment(s)

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