

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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| DE | ET | OE | ES |
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Document Number:
1808410

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:
413297
Expiration Date:
09/29/2012

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: 5
Name: COLORADO OIL & GAS CONSERVATION COMMISSION
Address: 1120 LINCOLN ST SUITE 801
City: DENVER State: CO Zip: 80203

3. Contact Information

Name: STEVEN LINDBLOM
Phone: (303) 894-2100 X5114
Fax: (303) 894-2109
email: STEVEN.LINDBLOM@STATE.C O.US

4. Location Identification:

Name: BP HIGHLANDS MONITORING WELLS Number: 1 AND 2
County: LA PLATA
Quarter: NENW Section: 15 Township: 35N Range: 7W Meridian: N Ground Elevation: 7584
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: 175 feet, from North or South section line: FNL and 2007 feet, from East or West section line: FWL
Latitude: 37.307842 Longitude: -107.625650 PDOP Reading: 1.5 Date of Measurement: 09/01/2009

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="text" value="2"/> | Production Pits: <input type="checkbox"/> | Dehydrator Units: <input type="checkbox"/> |
| Condensate Tanks: <input type="checkbox"/> | Water Tanks: <input type="text" value="2"/> | Separators: <input type="checkbox"/> | Electric Motors: <input type="checkbox"/> | Multi-Well Pits: <input type="checkbox"/> |
| Gas or Diesel Motors: <input type="text" value="1"/> | Cavity Pumps: <input type="checkbox"/> | LACT Unit: <input type="checkbox"/> | Pump Jacks: <input type="checkbox"/> | Pigging Station: <input type="checkbox"/> |
| Electric Generators: <input type="text" value="1"/> | 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"/> | Oil Tanks: <input type="checkbox"/> | Fuel Tanks: <input type="checkbox"/> | |

Other: SHALE SHAKER AND MUD TANK DURING DRILLING. LINED CUTTINGS PIT.

6. Construction:

Date planned to commence construction: 09/15/2009 Size of disturbed area during construction in acres: 1.00
 Estimated date that interim reclamation will begin: 11/01/2009 Size of location after interim reclamation in acres: 0.25
 Estimated post-construction ground elevation: 7584 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: _____
 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 executor 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: _____ 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: 390, public road: 4255, above ground utilit: 4255
 , railroad: 5, property line: 150

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): GRASS MEADOW
 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): GRASS MEADOW
 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: CO699 ARCHULETA SANCHEZ 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: 08/01/2009

List individual species: GRASSES, OAK BRUSH ON THE WELL PAD AREA, OUTSIDE THE WELL PAD SCATTERED PONDEROSA PINE.

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: 4723, water well: 522, depth to ground water: 18

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:

THIS LOCATION IS NOT IN ANY CRITICAL GAME MANAGEMENT AREA.

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

Signed: _____ Date: 09/22/2009 Email: STEVEN.LINDBLOM@STATE.CO.US

Print Name: STEVEN LINDBLOM Title: EPS IV

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. Neshin

COGCC Approved: _____

Director of COGCC

Date: 9/30/2009

Attachment Check List

| Att Doc Num | Name | Doc Description |
|-------------|------------------------|--------------------|
| 1289111 | LOCATION DRAWING | LF@2150764 1289111 |
| 1289112 | HYDROLOGY MAP | LF@2150756 1289112 |
| 1289113 | LOCATION PICTURES | LF@2150758 1289113 |
| 1289114 | LOCATION PICTURES | LF@2150760 1289114 |
| 1289115 | ACCESS ROAD MAP | LF@2150762 1289115 |
| 1808410 | FORM 2A | LF@2148229 1808410 |
| 1808411 | LOCATION PICTURES | LF@2148254 1808411 |
| 1808412 | LOCATION PICTURES | LF@2148256 1808412 |
| 1808413 | LOCATION DRAWING | LF@2148231 1808413 |
| 1808414 | HYDROLOGY MAP | LF@2148257 1808414 |
| 1808415 | ACCESS ROAD MAP | LF@2148258 1808415 |
| 1808416 | NCRS MAP UNIT DESC | LF@2148233 1808416 |
| 1808417 | CONST. LAYOUT DRAWINGS | LF@2148235 1808417 |
| 1808427 | WAIVERS | LF@2152700 1808427 |

Total Attach: 14 Files