

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:  
400086733

### 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:  
**419482**  
Expiration Date:  
**09/25/2013**

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: 28600  
Name: EXXON MOBIL CORPORATION  
Address: P O BOX 4358  
City: HOUSTON State: TX Zip: 77210-4358

#### 3. Contact Information

Name: Roy Springfield  
Phone: (281) 654-1932  
Fax: ( )  
email: roy.l.springfield@exxonmobil.com

#### 4. Location Identification:

Name: NORTH PICEANCE UNIT Number: 197-12A1  
County: RIO BLANCO  
Quarter: LOT 10 Section: 12 Township: 1S Range: 97W Meridian: 6 Ground Elevation: 6456  
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: 2430 feet, from North or South section line: FSL and 2785 feet, from East or West section line: FEL  
Latitude: 39.978689 Longitude: -108.229045 PDOP Reading: 2.4 Date of Measurement: 05/04/2009  
Instrument Operator's Name: D. PETTY

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

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

Other: \_\_\_\_\_

6. Construction:

Date planned to commence construction: 03/07/2012 Size of disturbed area during construction in acres: 6.30
Estimated date that interim reclamation will begin: 08/13/2014 Size of location after interim reclamation in acres: 4.00
Estimated post-construction ground elevation: 6455 Will a closed loop system be used for drilling fluids: Yes
Will salt sections be encountered during drilling: Yes No X Is H2S anticipated? Yes No X
Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes X No
Mud disposal: Offsite Onsite X Method: Land Farming Land Spreading Disposal Facility
Other: BURIAL

7. Surface Owner:

Name: Phone:
Address: Fax:
Address: Email:
City: State: Zip: Date of Rule 306 surface owner consultation: 11/12/2008
Surface Owner: Fee State X Federal Indian
Mineral Owner: Fee State X Federal Indian
The surface owner is: X the mineral owner X 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: X 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 Mgnt. Surety ID:

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes No X
Distance, in feet, to nearest building: 4393 , public road: 405 , above ground utilit: 662
, railroad: 15840 , property line: 2430

10. Current Land Use (Check all that apply):

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP
Non-Crop Land: X Rangeland Timber Recreational X Other (describe): Grazing
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: X Rangeland Timber Recreational X Other (describe): Grazing
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: 75 RENSTAC-PICEANCE COMPLEX, 2 TO 30 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: 05/04/2009

List individual species: CEDAR TREES, SAGEBRUSH AMD NATIVE GRASSES.

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: 3588, water well: 4834, depth to ground water: 53

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:

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

Signed: \_\_\_\_\_ Date: 08/23/2010 Email: roy.l.springfield@exxonmobil.com

Print Name: Roy L Springfield Title: Regulatory Specialist

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. Neslin*

COGCC Approved: \_\_\_\_\_

Director of COGCC

Date: 9/26/2010

**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.**

Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures sufficiently protective of nearby surface water. If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of fluids.

Either a lined drilling pit or closed loop system must be implemented.

Production pits must be lined.

The location is in an area of high run off/run-on potential; therefore the pad shall be constructed to prevent any stormwater run-on and/or stormwater runoff.

The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, the drill cuttings must also meet the applicable standards of table 910-1.

No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and certified by a professional engineer, subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut.

**Attachment Check List**

Att Doc Num	Name	Doc Description
2033368	CORRESPONDENCE	LF@2541045 2033368
400086733	FORM 2A SUBMITTED	LF@2529122 400086733
400086770	NRCS MAP UNIT DESC	LF@2529123 400086770
400086780	HYDROLOGY MAP	LF@2529124 400086780
400086781	ACCESS ROAD MAP	LF@2529125 400086781
400086782	REFERENCE AREA MAP	LF@2529126 400086782
400086783	PROPOSED BMPs	LF@2529127 400086783
400086784	CONST. LAYOUT DRAWINGS	LF@2529128 400086784
400086785	WELL LOCATION PLAT	LF@2529129 400086785
400086786	TOPO MAP	LF@2529130 400086786
400086787	LOCATION DRAWING	LF@2529131 400086787
400086801	REFERENCE AREA PICTURES	LF@2529132 400086801

Total Attach: 12 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
OGLA	Initiated/Completed OGLA Form 2A review on 08-30-10 by Dave Kubeczko; requested clarifications and acknowledgement of fluid containment, spill/release BMPs, cuttings low moisture, no pit in fill, stormwater BMPs, closed loop/lined pits, prod pits lined COAs from operator on 08-30-10; received clarifications and acknowledgement of COAs from operator on 08-30-10; passed by CDOW on 8-26-10, with BLM stipulations and COAs acceptable; passed OGLA Form 2A review on 09-14-10 by Dave Kubeczko; fluid containment, spill/release BMPs, cuttings low moisture, no pit in fill, stormwater BMPs, stormwater BMPs, closed loop/lined pits, prod pits lined COAs.	8/30/2010 12:43:17 PM
DOW	<p>CDOW has reviewed the lease agreement between the operator and the WRFO of BLM. CDOW affirms that the lease stipulations as defined by the lease agreement as conditions of approval for this location.</p> <p>CDOW, the operator and the WRFO of BLM have entered into agreement of a wildlife mitigation plan for this development area. The terms of this plan define the responsibilities of the operator (it is noted that as of this date the BLM has not signed the WMP).</p> <p>Submitted by: Ed Winters, Land Use Specialist</p> <p>26 August 2010 @ 15:36</p>	8/26/2010 3:39:01 PM

Total: 2 comment(s)

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