

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:

400081228

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:

418617

Expiration Date:

08/30/2013
☐ 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: 197-5A

County: RIO BLANCO

Quarter: NWSE Section: 5 Township: 1S Range: 97W Meridian: 6 Ground Elevation: 6568

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: 1887 feet, from North or South section line: FSL and 2159 feet, from East or West section line: FEL

Latitude: 39.990956 Longitude: -108.303768 PDOP Reading: 2.6 Date of Measurement: 05/08/2009

Instrument Operator's Name: K. Stewart

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

Special Purpose Pits: <input type="text"/>	Drilling Pits: <input type="text" value="3"/>	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: 03/01/2011 Size of disturbed area during construction in acres: 5.90
Estimated date that interim reclamation will begin: 03/01/2012 Size of location after interim reclamation in acres: 5.00
Estimated post-construction ground elevation: 6572 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: 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 ☒ 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: _____ ☐ 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: 12575, public road: 954, above ground utilit: 4204
, railroad: 121440, property line: 13872

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): 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: ☒ Rangeland ☐ Timber ☐ Recreational ☒ 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 be 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: 73 Renstac channery loam, 5 to 50% 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: 05/08/2009

List individual species: Pinion, Juniper & Cedar trees. Sagebrush & 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: 2004, water well: 5800, depth to ground water: 35

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 Supply 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 is for a Refile APD however unable to locate the Location ID # for this pad. This is a 1 well appraisal.

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

Signed: _____ Date: 08/05/2010 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: 8/31/2010

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.

All pits, except for flare, must be lined.

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
2033334	CORRESPONDENCE	LF@2533092 2033334
400081228	FORM 2A APPROVED	LF@2533975 400081228
400082258	ACCESS ROAD MAP	LF@2519696 400082258
400082259	HYDROLOGY MAP	LF@2519697 400082259
400082260	NRCS MAP UNIT DESC	LF@2519698 400082260
400082262	OTHER	LF@2519699 400082262
400082263	WELL LOCATION PLAT	LF@2519700 400082263
400082264	REFERENCE AREA MAP	LF@2519701 400082264
400082265	LOCATION PICTURES	LF@2519702 400082265
400082494	CONST. LAYOUT DRAWINGS	LF@2519703 400082494
400082496	PROPOSED BMPs	LF@2519704 400082496
400089696	FORM 2A SUBMITTED	LF@2519695 400089696

Total Attach: 12 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Received confirmation on "The Distance to nearest public road" - 954'.	8/31/2010 9:07:53 AM
Permit	Requested confirmation on the "The Distance to nearest building, public road, above ground utility or railroad:" form 2A does not match form 2.	8/30/2010 11:20:36 AM
DOW	CDOW has reviewed the lease agreement between the operator and the WRFO of BLM. CDOW affirms that the stipulations as defined by the lease agreement to be conditions of approval for this location. Submitted by: Ed Winters, Land Use Specialist 20 August 2010 @ 09:40	8/20/2010 9:46:17 AM
OGLA	Initiated/Completed OGLA Form 2A review on 08-16-10 by Dave Kubeczko; requested clarifications and acknowledgement of lined pits, cuttings low moisture, no pit in fill COAs from operator on 08-16-10; received clarifications and acknowledgement of COAs from operator on 08-19-10; passed by CDOW on 08-20-10, with BLM stipulations and COAs acceptable; passed OGLA Form 2A review on 08-31-10 by Dave Kubeczko; lined pits, cuttings low moisture, no pit in fill COAs.	8/16/2010 2:51:40 PM
Permit	rechecked attachments when laserfiche back up - all looks ok	8/9/2010 1:09:51 PM
Permit	Sarah initially was checking this - I finished/clarified: the 2A filed as new but well is a refile 05-103-11608; Roy indicated there was no location ID - but this is because a 2A had never been submitted before AND his comments DO NOT include the "5 statements". So talking it over with Bill Y he said to proceed with the 2A as new, etc. FYI - Sarah, in discussing the 2a with Jim Milne, Jim followed up with an email to Sara that he thought "the field code (should be changed)to Wildcat-99999 instead of Piceance Creek-68800 because it is several miles from the Piceance Creek Field. If they make a well, we may need to give it a new field name or call it Yellow Creek." I leave it to the permitters; Roy is out until 8/16 - I had left him a voice mail with followup email to ignore - due to above resolution/discussion with Bill Y. There was no location number because a 2A had never been submitted before this point.	8/9/2010 9:56:23 AM
Permit	passed when laserfiche down - I forgot	8/9/2010 9:55:53 AM
Permit	This is a refile but missing Location ID. 8/6 sf	8/6/2010 1:15:41 PM

Total: 8 comment(s)

Error: Subreport could not be shown.