

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



DE ET OE ES

Document Number:  
400020989

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:

Expiration Date:

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: 10154  
Name: ORR ENERGY LLC  
Address: 1813 61ST AVE STE 200  
City: GREELEY State: CO Zip: 80634

3. Contact Information

Name: Cheryl Johnson  
Phone: (303) 928-7128  
Fax: (303) 423-8765  
email: cheryl@petro-fs.com

4. Location Identification:

Name: Hall Number: 25-34  
County: WELD  
Quarter: SWSE Section: 25 Township: 6N Range: 67W Meridian: 6 Ground Elevation: 4727

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: 474 feet, from North or South section line: FSL and 1794 feet, from East or West section line: FEL  
Latitude: 40.452000 Longitude: -104.838910 PDOP Reading: 6.0 Date of Measurement: 12/04/2009

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="1"/>	Production Pits: <input type="checkbox"/>	Dehydrator Units: <input type="checkbox"/>
Condensate Tanks: <input type="checkbox"/>	Water Tanks: <input type="checkbox"/>	Separators: <input type="text" value="1"/>	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="text" value="1"/>	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:

6. Construction:

Date planned to commence construction: 03/15/2010 Size of disturbed area during construction in acres: 0.90  
 Estimated date that interim reclamation will begin: 06/10/2010 Size of location after interim reclamation in acres: 0.20  
 Estimated post-construction ground elevation: 4724 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: There will be a two inch diameter flow line installed from well to facilities equipment located on the west side of CR 25 2038 feet from well.

7. Surface Owner:

Name: LHI, LLC Phone: 970-587-7204  
 Address: 301 Centennial Drive Fax: 970-587-7214  
 Address: \_\_\_\_\_ Email: \_\_\_\_\_  
 City: Milleken State: CO Zip: 80543 Date of Rule 306 surface owner consultation: 11/16/2009  
 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: 2009  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: 500, public road: 1965, above ground utilit: 5280  
 , railroad: 2929, property line: 474

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: Aquolls & Aquents, 0 to 3 Percent

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 (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: 100, water well: 426, depth to ground water: 6

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:

Section 3-Well Surety ID: 2009-36; e-forms will not save numbers when typed in. Section 5-Facilities: Well:1. All other check boxes should be blank, but e-forms will not allow user to delete and save in this section. Section 9: Cultural: Buildings are out of the 400 foot buffer. Establishment closest to the to the buffer is a barn / shed. All distances listed as 5280 were greater than one mile. Attachment: An exception to the Rule 318a.2.c (twinning) has been requested.

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

Signed: \_\_\_\_\_ Date: \_\_\_\_\_ Email: virginia@petro-fs.com

Print Name: Virginia Lopez Title: Regulatory Analyst

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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: \_\_\_\_\_

### **Attachment Check List**

Att Doc Num	Name	Doc Description
400022753	LOCATION PICTURES	Location Photos Hall 25-34.pdf
400022754	LOCATION DRAWING	Location Drawing Hall 25-34.pdf
400022755	HYDROLOGY MAP	Hydrology Map Hall 25-34.pdf
400022756	ACCESS ROAD MAP	Access Road Map Hall 25-34.pdf
400022757	NRCS MAP UNIT DESC	Hall 25-34 NRCS Soil Report.pdf
400022758	PROPOSED BMPs	Hall 25-34 Applicant Proposed BMP's.pdf
400022759	EXCEPTION LOC WAIVERS	Hall 25-34 Request for Exception to Riule.pdf
400022760	EXCEPTION LOC WAIVERS	Hall 25-34 Twinning Exception Consent.pdf

Total Attach: 8 Files