

**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:

400032289

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: 27742

Name: EOG RESOURCES INC

Address: 600 17TH ST STE 1100N

City: DENVER State: CO Zip: 80202

3. Contact Information

Name: Nick Mathis

Phone: (303) 262-2894

Fax: (303) 262-2895

email: Nick_Mathis@eogresources.com

4. Location

Identification:

Name: Randall Creek Number: 04-32H

County: WELD

QuarterQuarter: NENE Section: 32 Township: 12N Range: 62W Meridian: 6 Ground Elevation: 5346

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: 501 feet, from North or South section line: FNL and 1200 feet, from East or West section line: FEL

Latitude: 40.972000 Longitude: -104.339189 PDOP Reading: 1.4 Date of Measurement: 01/14/2010

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

Special Purpose Pits:	<u>1</u>	Drilling Pits:	<u>1</u>	Wells:	<u>1</u>	Production Pits:	<u>0</u>	Dehydrator Units:	<u>0</u>
Condensate Tanks:	<u>0</u>	Water Tanks:	<u>2</u>	Separators:	<u>1</u>	Electric Motors:	<u>0</u>	Multi-Well Pits:	<u>0</u>
Gas or Diesel Motors:	<u>0</u>	Cavity Pumps:	<u>2</u>	LACT Unit:	<u>1</u>	Pump Jacks:	<u>1</u>	Pigging Station:	<u>0</u>
Electric Generators:	<u>1</u>	Gas Pipeline:	<u>1</u>	Oil Pipeline:	<u>1</u>	Water Pipeline:	<u>0</u>	Flare:	<u>0</u>
Gas Compressors:	<u>0</u>	VOC Combustor:	<u>1</u>	Oil Tanks:	<u>5</u>	Fuel Tanks:	<u>0</u>		

Other: 1 Emergency Tank, 1 Meter Run, 1 lined Heater for Trace System, 1 Well Head

6. Construction:

Date planned to commence construction: 01/01/2011 Size of disturbed area during construction in acres: 3.70
Estimated date that interim reclamation will begin: 05/01/2010 Size of location after interim reclamation in acres: 3.00
Estimated post-construction ground elevation: 5346 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: Backfill and Cover

7. Surface Owner:

Name: Loyd Farms Phone: 970-895-2289
Address: 66732 CR 87 Fax: _____
Address: _____ Email: _____
City: Grover State: CO Zip: 80729 Date of Rule 306 surface owner consultation: 12/18/2009
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 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 20090114

8. Reclamation Financial Assurance:

☐ Well Surety ID: 20030058 ☐ 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: 3794, public road: 501, above ground utilit: 3860
, railroad: 76560, property line: 501

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 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: Altvan fine sandy loam 0 to 6 percent slopes

NRCS Map Unit Name: Ascalon fine sandy loam 0 to 6 percent slopes

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: Needleandthread, Western wheatgrass, Prairie sandreed, sideoats grama

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: 4047, water well: 3690, depth to ground water: 52

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 reference location will be reclaimed back to conditions as shown on the attached photos with the cardinal directions northerly and easterly of the proposed well site. No improvements were identified within 400' of the proposed well site.

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

Signed: _____ Date: _____ Email: Nick_Mathis@eogresources.com

Print Name: Nick Mathis Title: Regulatory Assistant

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
400032317	LOCATION PICTURES	Randall Creek 04-32H Location Pictures.pdf
400032318	LOCATION DRAWING	Randall Creek 04-32H Location Drawing.pdf
400032319	HYDROLOGY MAP	Randall Creek 04-232H Hydrology Map.pdf
400032320	ACCESS ROAD MAP	Randall Creek 04-32H Access Road Map.pdf
400032322	REFERENCE AREA MAP	Randall Creek 04-32H Reference Area Map.pdf
400032323	REFERENCE AREA MAP	Randall Creek 04-32H 3 Mile Radius Map.pdf
400032324	REFERENCE AREA PICTURES	Randall Creek 04-32H Reference Area Pictures.pdf
400032326	NRCS MAP UNIT DESC	Plant Composition 1.pdf
400032328	NRCS MAP UNIT DESC	Plant Composition 2.pdf
400032329	NRCS MAP UNIT DESC	Soils 1.pdf
400032331	NRCS MAP UNIT DESC	Soils 2.pdf
400032332	CONST. LAYOUT DRAWINGS	Randall Creek 04-32H Construction Layout.pdf
400032333	PROPOSED BMPs	EOG Propsed BMPs.pdf
400032334	DRILLING PLAN	Randall Creek 4-32H_APD Drilling Plan.pdf

Total Attach: 14 Files