

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax: (303)894-2109



For COGCC Use Only

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.

☒ 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: 19035 Suffix: _____

Name: OVERLAND RESOURCES LLC

Address: 1376 S PERRY PARK RD

City: SEDALIA State: CO Zip: 80135

3. Contact Information

Name: GREGORY PANDOLFO

Phone: 303-800-6175

Fax: 303-385-0690

email: greg@overlandresourcesllc.com

Deemed Complete:

Complete the Attachment Checklist

Attachment	Op	COGCC
Location Pictures	<input checked="" type="checkbox"/>	
Location Drawing	<input checked="" type="checkbox"/>	
Hydrology Map	<input checked="" type="checkbox"/>	
Access Road Map	<input checked="" type="checkbox"/>	
Reference Area Map	<input type="checkbox"/>	
Reference Area Pictures	<input type="checkbox"/>	
NRCS Map Unit Desc	<input checked="" type="checkbox"/>	
Const. Layout Drawings	<input type="checkbox"/>	
Multi-well Plan	<input type="checkbox"/>	
Proposed BMPs	<input type="checkbox"/>	
Sensitive Area Data	<input type="checkbox"/>	
Section 404 Permit	<input type="checkbox"/>	
CDP Conditions	<input type="checkbox"/>	
317B Notification	<input type="checkbox"/>	

4. Location Identification:

Name: BRADBURY Number: 13-35

County: ARAPAHOE

Quarter: NESE Section: 35 Township: 4S Range: 62W Meridian: 6 PM Ground Elevation: 5545

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: 1647 feet, from North or South section line: S ☒ and 1227 feet, from East or West section line: E ☐

Latitude: 39.656227 Longitude: -104.289615 PDOP Reading: 2.6 Date of Measurement: 11/7/2011

Instrument operator's name: ROBERT ANDERSON

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

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

6. Construction

Date planned to commence construction: 11/15/11 Size of disturbed area during construction in acres: 0.73 Is H2S Anticipated: Yes ☐

Estimated date that interim reclamation will begin: 5/30/2012 Size of location after interim reclamation in acres: 0.37

Estimated post-construction ground elevation: _____ Will a closed loop system be used for drilling fluids: Yes ☐

Will salt sections be encountered during drilling: 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: BRADBURY LAND & CATTLE Phone: _____

Address: P.O. BOX 550 Fax: _____

Address: _____ email: _____

City: BYERS State: CO Zip: 80103 Date of Rule 306 surface owner consultation: 09/14/2011

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: ☐ \$2,000 ☐ \$5,000 ☐ Blanket Surety Id: _____

8. Reclamation Financial Assurance

☒ Well Surety Id: 20110057 ☐ Gas Facility Surety Id: _____ ☐ Waste Management Surety Id: _____

9. Cultural

Is the location in a high density area (Rule 603.b.): Yes ☐ No ☒

Distance, in feet, to nearest building: _____, public road: _____, above ground utility: 5280, railroad: _____, property line: 1227

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Oil and Gas Location Assessment Page 2

10. Current Land Use (Check all that apply)

Crop Land:	<input type="checkbox"/> Irrigated	<input checked="" type="checkbox"/> Dry land	<input type="checkbox"/> Improved Pasture	<input type="checkbox"/> Hay Meadow	<input type="checkbox"/> CRP
Non-Crop Land:	<input type="checkbox"/> Rangeland	<input type="checkbox"/> Timber	<input type="checkbox"/> Recreational	<input type="checkbox"/> Other (describe): _____	
Subdivided:	<input type="checkbox"/> Industrial	<input type="checkbox"/> Commercial	<input type="checkbox"/> Residential		

11. Future Land Use (Check all that apply)

Crop Land:	<input type="checkbox"/> Irrigated	<input checked="" type="checkbox"/> Dry land	<input type="checkbox"/> Improved Pasture	<input type="checkbox"/> Hay Meadow	<input type="checkbox"/> CRP
Non-Crop Land:	<input type="checkbox"/> Rangeland	<input type="checkbox"/> Timber	<input type="checkbox"/> Recreational	<input type="checkbox"/> Other (describe): _____	
Subdivided:	<input type="checkbox"/> Industrial	<input type="checkbox"/> Commercial	<input type="checkbox"/> 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: BxC - BUICK LOAM, .3 TO 5 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: _____

List individual species: PLEASE SEE ATTACHED NRCS PLANT PRODUCTIVITY LISTING

Check all plant communities that exist in the disturbed area.

- ☐ Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye)
- ☒ Native Grassland (Bluestem, 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: 1074, water well: 2722, depth to ground water: 185

Is the location in a riparian area: ☒ No ☐ Yes Was an Army Corps of Engineers Section 404 permit filed: ☒ No ☐ Yes If yes attach permit.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. zoneIf 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 CLOSEST WATER WELL IS AN UNNAMED WELL OWNED BY BRADBURY FAMILY PARTNERSHIP (PERMIT #426-BD/RECEIPT #0537240B), NO DEPTH TO GROUND WATER DATA AVAILABLE FOR THIS WELL. THE CLOSES WELL WITH DEPTH TO GROUND WATER DATA AVAILABLE IS 2,722' FROM PROPOSED WELL AND IS AN UNNAMED WELL OWNED BY THOMAS H. BRADBURY (PERMIT #2854/RECEIPT #9005503). THE LOCATION DOES NOT REQUIRE A VARIANCE FROM ANY OF THE RULES LISTED IN RULE 306.d.(1).(A).(ii). THE LOCATION IS NOT IN A RESTRICTED SURFACE OCCUPANCY AREA. THE LOCATION IS NOT IN A SENSITIVE WILDLIFE HABITAT AREA.

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

Signed: Gregory Pandolfo Date: 11/8/11 Email: greg@overlandresourcesllc.com
 Print Name: GREGORY PANDOLFO Title: Manager

COGCC Approved: _____ Title: _____ Date: _____

CONDITIONS OF APPROVAL will be attached.

Location Number: _____