

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:

400143306

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 standalone 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: 49888

Name: LARIO OIL & GAS COMPANY

Address: PO BOX 29

City: DENVER State: CO Zip: 80201

3. Contact Information

Name: Christopher Noonan

Phone: (303) 820-4480

Fax: (303) 820-4124

email: bob@banko1.com

4. Location
Identification:

Name: Grimm Number: 34-4H

County: ARAPAHOE

QuarterQuarter: NENW Section: 34 Township: 4S Range: 64W Meridian: 6 Ground Elevation: 5751

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: 260 feet FNL, from North or South section line, and 1320 feet FWL, from East or West section line.

Latitude: 39.665610 Longitude: -104.542120 PDOP Reading: 1.2 Date of Measurement: 03/11/2011

Instrument Operator's Name: K. Daley

Special Purpose Pits:	0	Drilling Pits:	1	Wells:	1	Production Pits:	0	Dehydrator Units:	0
Condensate Tanks:	0	Water Tanks:	2	Separators:	2	Electric Motors:	1	Multi-Well Pits:	0
Gas or Diesel Motors:	0	Cavity Pumps:	2	LACT Unit:	0	Pump Jacks:	1	Pigging Station:	0
Electric Generators:	1	Gas Pipeline:	1	Oil Pipeline:	1	Water Pipeline:	0	Flare:	1
Gas Compressors:	0			VOC Combustor:	0	Oil Tanks:	3	Fuel Tanks:	0
Other: Meter Run									

Date planned to commence construction: 05/23/2011 Size of disturbed area during construction in acres: 5.10
Estimated date that interim reclamation will begin: 08/23/2011 Size of location after interim reclamation in acres: 2.40
Estimated post-construction ground elevation: 5749 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: _____

Name: R.L. Steenrod Jr. as Rep. Phone: _____

Address: 2009 Market St Fax: _____

Address: _____ Email: _____

City: Denver State: CO Zip: 80205 Date of Rule 306 surface owner consultation: 05/19/2010

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 20100086

☐ Well Surety ID: 20100085 ☐ Gas Facility Surety ID: _____ ☐ Waste Mgmt. Surety ID: _____

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

Distance, in feet, to nearest building: 900, public road: 2750, above ground util: 1960
 , railroad: 5280, property line: 260

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: BvC - Bresser-Truckton sandy loams, 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: Western wheatgrass, Needleandthread, Prairie sandreed, Sand dropseed, Fendler threeawn,
Prairie junegrass, Sand bluestem, Sideoats grama, Little bluestem, Fringed sagewort, Sand
sagebrush

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: 1580, water well: 2745, depth to ground water: 480

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:

Depth to ground water determined from Water Well Permit # 248720, which is the closest water well with depth to groundwater information. This water well lies to the SE of the location. The closest water well Water Well Permit # 17748-F. This well lies to the SW of the location.

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

Signed: _____ Date: _____ Email: bob@banko1.com

Print Name: Christopher A. Noonan Title: Permit Agent

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: _____

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.

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Attachment Check List

Att Doc Num	Name
400143313	HYDROLOGY MAP
400143314	LOCATION DRAWING
400143315	LOCATION PICTURES
400143316	REFERENCE AREA PICTURES
400143317	WELL LOCATION PLAT
400143318	NRCS MAP UNIT DESC
400143319	OTHER
400143320	ACCESS ROAD MAP

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)