FORM 2A Rev 04/01

State of Colorado
Oil and Gas Conservation Commission

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

Oil and Gas Location Assessment

Document Number: 400404803

Date Received: 05/01/2013

☒ 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: **433076**

Expiration Date: **05/23/2016**

☒ 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: 100322

Name: NOBLE ENERGY INC

Address: 1625 BROADWAY STE 2200

City: DENVER State: CO Zip: 80202

3. Contact Information

Name: Justin Garrett

Phone: (303) 228-4449

Fax: (303) 228-4286

email: JDGarrett@nobleenergyinc.com

4. Location Identification:

Name: Rohn State Number: LD03-65-1HN Mti

County: WELD

QuarterQuarter: NESE Section: 4 Township: 9N Range: 58W Meridian: 6 Ground Elevation: 4699

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: 2064 feet FSL , from North or South section line, and 330 feet FEL , from East or West section line.

Latitude: 40.778820 Longitude: -103.861350 PDOP Reading: 2.1 Date of Measurement: 11/30/2012

Instrument Operator's Name: Brian Rottinghaus

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

Special Purpose Pits:		Drilling Pits:		Wells:	8	Production Pits:		Dehydrator Units:	
Condensate Tanks:	1	Water Tanks:	12	Separators:	13	Electric Motors:		Multi-Well Pits:	
Gas or Diesel Motors:		Cavity Pumps:		LACT Unit:	2	Pump Jacks:	8	Pigging Station:	
Electric Generators:	1	Gas Pipeline:	1	Oil Pipeline		Water Pipeline:		Flare:	2
Gas Compressors:	6			VOC Combustor:	6	Oil Tanks:	36	Fuel Tanks:	

Other: Please see attached

6. Construction:

Date planned to commence construction: 06/01/2013 Size of disturbed area during construction in acres: 16.00

Estimated date that interim reclamation will begin: 09/01/2013 Size of location after interim reclamation in acres: 12.00

Estimated post-construction ground elevation: 4699 Will a closed loop system be used for drilling fluids: Yes [X]

Will salt sections be encountered during drilling: Yes [ ] No [X] Is H2S anticipated? Yes [ ] No [X]

Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes [ ] No [X]

Mud disposal: Offsite [X] Onsite [ ] Method: Land Farming [ ] Land Spreading [X] Disposal Facility [ ]

Other:

7. Surface Owner:

Name: Phone:

Address: Fax:

Address: Email:

City: State: Zip: Date of Rule 306 surface owner consultation: 12/13/2012

Surface Owner: [X] Fee [ ] State [ ] Federal [ ] Indian

Mineral Owner: [X] Fee [ ] State [ ] Federal [ ] Indian

The surface owner is: [X] the mineral owner [X] committed to an oil and gas lease [X] is the executer of the oil and gas lease [ ] the applicant

The right to construct the location is granted by: [X] 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:

[X] Well Surety ID: 20030009 [ ] Gas Facility Surety ID: [ ] Waste Mgnt. Surety ID:

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes [ ] No [X]

Distance, in feet, to nearest building: 5281 , public road: 316 , above ground utility: 370 , railroad: 5281 , property line: 330

10. Current Land Use (Check all that apply):

Crop Land: [ ] Irrigated [ ] Dry land [ ] Improved Pasture [ ] Hay Meadow [ ] CRP

Non-Crop Land: [X] 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: [X] 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: 22: Cushman fine sandy loam, 6 to 9 percent slopes

NRCS Map Unit Name: 32: Kim-Mitchell complex, 6 to 9 percent slopes

NRCS Map Unit Name: 44: Olney fine sandy loam, 0 to 6 percent slopes

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: 11/30/2012

List individual species:

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: 313 , water well: 1414 , depth to ground water: 80

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:

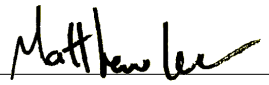
Distance to nearest building and railroad is greater than 1 mile. Nearest surface water 313' E is a barrow ditch. It was dry upon field observation. Nearest water well 1414' NE is an other well; Receipt #0477519I, Permit #55945-F with a depth of 30' and an unknown static water level. Water well Permit #157123- -A used for static water level. The reference area is on undisturbed ground immediately adjacent to and West of the pad location as shown in the location photo facing West. Location is an eight-well pad consisting of the proposed Rohn State LD03-63HN, Rohn State LD03-64-1HN, Rohn State LD03-64HN, Rohn State LD03-65-1HN, Rohn State LD04-63HN, Rohn State LD04-64-1HN, Rohn State LD04-64HN, and Rohn State LD04-65-1HN, with the production facilities on the pad. The production facilities also include equipment for wells associated with the the Rohn State LD03-63-1HN Pad and Rohn State LD03-67-1HN Pad. No existing equipment. Additional Soil: 45: Olney fine sandy loam, 6 to 9 percent slopes. Also State Mineral Ownership (Lease #9059.6). SUA attached due to mixed mineral ownership.

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

Signed: Date: 05/01/2013 Email: JDGarrett@nobleenergyinc.com

Print Name: Justin Garrett Title: Regulatory Analyst

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: 5/24/2013

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.

Attachment Check List

Att Doc Num	Name
400404803	FORM 2A SUBMITTED
400408649	SURFACE AGRMT/SURETY
400408652	ACCESS ROAD MAP
400408653	HYDROLOGY MAP
400408654	LOCATION DRAWING
400408656	LOCATION PICTURES
400408660	MULTI-WELL PLAN
400408662	REFERENCE AREA PICTURES
400408664	NRCS MAP UNIT DESC
400408667	WASTE MANAGEMENT PLAN
400412135	EQUIPMENT LIST

Total Attach: 11 Files

General Comments

User Group	Comment	Comment Date
Permit	Final Review Completed. No LGD or public comment received.	5/23/2013 8:52:58 AM
Permit	Initial review complete. Form 2A and 2's compared.	5/20/2013 3:01:04 PM
OGLA	initial review complete	5/3/2013 3:20:22 PM

Total: 3 comment(s)

BMP

Type	Comment
Material Handling and Spill Prevention	Spill Prevention Control and Countermeasures (SPCC) plans are in place to address any possible spill associated with Oil & Gas operations throughout the state of Colorado in accordance with CFR 112.
General Housekeeping	Housekeeping will consist of neat and orderly storage of materials and fluids. Wastes will be temporarily stored in sealed containers and regularly collected and disposed of at offsite, suitable facilities. If spills occur prompt cleanup is required to minimize any commingling of waste materials with stormwater runoff. Routine maintenance will be limited to fueling and lubrication of equipment. Drip pans will be used during routine fueling and maintenance to contain spills or leaks. Any waste product from maintenance will be containerized and transported offsite for disposal or recycling. There will be no major equipment overhauls conducted onsite. Equipment will be transported offsite for major overhauls. Cleanup of trash and discarded materials will be conducted at the end of each work day. Cleanup will consist of patrolling the roadway, access areas, and other work areas to pickup trash, scrap debris, other discarded materials, and any contaminated soil. These materials will be disposed of properly.
Storm Water/Erosion Control	Stormwater management plans (SWMP) are in place to address construction, drilling and operations associated with Oil & Gas development throughout the state of Colorado in accordance with Colorado Department of Public Health and Environment (CDPHE) General Permit No. COR- 038637. BMP's will be constructed around the perimeter of the site prior to, or at the beginning of construction. BMP's used will vary according to the location, and will remain in place until the pad reaches final reclamation.

Total: 3 comment(s)