

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:  
400032194

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: 100322

Name: NOBLE ENERGY INC

Address: 1625 BROADWAY STE 2200

City: DENVER State: CO Zip: 80202

3. Contact Information

Name: TANIA MCNUTT

Phone: (303) 228-4392

Fax: (303) 228-4286

email: tmcnutt@nobleenergyinc.com

4. Location Identification:

Name: PAD 271-BATTLEMENT MESA Number: 26-14B

County: GARFIELD

Quarter: NESE Section: 27 Township: 7S Range: 95W Meridian: 6 Ground Elevation: 8636

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: 1874 feet, from North or South section line: FSL and 350 feet, from East or West section line: FEL

Latitude: 39.406028 Longitude: -107.975288 PDOP Reading: 2.3 Date of Measurement: 08/17/2007

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

|  |   |  |   |  |
|--|---|--|---|--|
| Special Purpose Pits: <input type="text"/>           | Drilling Pits: <input type="text" value="1"/> | Wells: <input type="text" value="21"/>     | Production Pits: <input type="text"/>           | Dehydrator Units: <input type="text"/> |
| Condensate Tanks: <input type="text" value="11"/>    | Water Tanks: <input type="text"/>             | Separators: <input type="text" value="6"/> | Electric Motors: <input type="text" value="1"/> | Multi-Well Pits: <input type="text"/>  |
| Gas or Diesel Motors: <input type="text" value="3"/> | Cavity Pumps: <input type="text"/>            | LACT Unit: <input type="text"/>            | Pump Jacks: <input type="text"/>                | Pigging Station: <input type="text"/>  |
| Electric Generators: <input type="text"/>            | Gas Pipeline: <input type="text" value="1"/>  | Oil Pipeline: <input type="text"/>         | Water Pipeline: <input type="text" value="1"/>  | Flare: <input type="text"/>            |
| Gas Compressors: <input type="text"/>                | VOC Combustor: <input type="text"/>           | Oil Tanks: <input type="text" value="11"/> | Fuel Tanks: <input type="text"/>                |  |

Other:

6. Construction:

Date planned to commence construction: 05/01/2010 Size of disturbed area during construction in acres: 7.00
Estimated date that interim reclamation will begin: 09/01/2010 Size of location after interim reclamation in acres: 5.20
Estimated post-construction ground elevation: 8575 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 [ ] Disposal Facility [ ]
Other: EVAP. PIT

7. Surface Owner:

Name: NOBLE ENERGY INC. Phone: 303-228-4471
Address: 1625 BROADWAY #2200 Fax: 303-228-4286
Address: Email: JKOHN@NOBLEENERGYINC.COM
City: DENVER State: CO Zip: 80202 Date of Rule 306 surface owner consultation:
Surface Owner: [X] Fee [ ] State [ ] Federal [ ] Indian
Mineral Owner: [X] Fee [ ] State [ ] Federal [ ] Indian
The surface owner is: [ ] the mineral owner [X] committed to an oil and gas lease
[ ] is the executer of the oil and gas lease [X] 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 [X] Blanket Surety ID 20030012

8. Reclamation Financial Assurance:

[ ] Well Surety ID: 20030009 [ ] Gas Facility Surety ID: [ ] Waste Mgmt. Surety ID:

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes [ ] No [X]
Distance, in feet, to nearest building: 7263 , public road: 8096 , above ground utilit: 7263
, railroad: 27887 , property line: 1104

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: Torriorthents-Rock outcrop complex, steep (Map Unit 67)

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: 09/24/2009

List individual species: SAGE, SNOWBERRY, GAMBEL OAK

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): VERY STEEP ROCK OUTCROPS

### 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: 959, water well: 6250, depth to ground water: 39

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 WELL FOR THIS PAD IS BATTLEMENT MESA 26-14B.

THE PAD DESIGN IS FOR 21 WELLS.

THE PAD IS LOCATED NEXT TO HIGH MESA ROAD (AN EXISTING NOBLE ENERGY / ENCANA ROAD).

THE NINTH CLOSEST WATERWELL WITH AVAILABLE GROUNDWATER DEPTH DATA IS PERMIT NO.188864, RECEIPT 0386347A (COLORADO DIVISION OF WATER RESOURCES WEBSITE).

THIS WELL PAD MAY HAVE BOTH FEE AND FEDERAL MINERAL OWNERS.

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

Signed: \_\_\_\_\_ Date: 01/27/2010 Email: tmcnutt@nobleenergyinc.com

Print Name: TANIA MCNUTT 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: \_\_\_\_\_

### **Attachment Check List**

| Att Doc Num | Name                    | Doc Description                       |
|-------------|-------------------------|---------------------------------------|
| 400032218   | 30 DAY NOTICE LETTER    | _Pad 271 -30day notice.pdf            |
| 400032221   | ACCESS ROAD MAP         | _Pad 271 Access Road Map.pdf          |
| 400032223   | CONST. LAYOUT DRAWINGS  | _Pad 271 Construction Layout Dwgs.pdf |
| 400032224   | HYDROLOGY MAP           | _Pad 271 Hydrology map.pdf            |
| 400032225   | LOCATION DRAWING        | _Pad 271 Location Dwg.pdf             |
| 400032227   | LOCATION PICTURES       | _Pad 271 Pictures Location.pdf        |
| 400032228   | REFERENCE AREA PICTURES | _Pad 271 Pictures Ref.Area.pdf        |
| 400032229   | REFERENCE AREA MAP      | _Pad 271 Reference Area Map.pdf       |
| 400032230   | PROPOSED BMPs           | _Pad 271-BMPs.pdf                     |
| 400032860   | MULTI-WELL PLAN         | _Pad 271 Multi-well Plan.pdf          |
| 400032872   | FORM 2A SUBMITTED       | 400032872.pdf                         |
| 400036917   | NRCS MAP UNIT DESC      | _Pad 271-NRCS Map Unit Desc.pdf       |

Total Attach: 12 Files