

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



Document Number:

1758122

Date Received:

07/28/2009

Oil and Gas Location Assessment

New Location

Amend Existing Location Location#: 328376

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:

328376

Expiration Date:

09/29/2012

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: MARI CLARK
 Phone: (303) 228-4413
 Fax: (303) 228-4286
 email: MCLARK@NOBLEENERGYINC.COM

4. Location Identification:

Name: GUTTERSEN STATE D (MULTI-WELL) Number: 16-22D
 County: WELD
 Quarter: NWSE Section: 16 Township: 3N Range: 64W Meridian: 6 Ground Elevation: 4771

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: 2056 feet FSL, from North or South section line, and 2046 feet FEL, from East or West section line.
 Latitude: 40.223760 Longitude: -104.554040 PDOP Reading: 1.8 Date of Measurement: 04/29/2009
 Instrument Operator's Name: DAVID C. HOLMES

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

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

Other: 2 BURIED CEMENT VAULTS FOR PRODUCED WATER (per L. Pavelka 9/28/09); DRILL RIG = 23 ELECTRIC MOTORS, 8 GAS/DIESEL MOTORS, 2 ELECTRIC GENERATORS, 8 FUEL TANKS

6. Construction:

Date planned to commence construction: 12/01/2009 Size of disturbed area during construction in acres: 3.00
 Estimated date that interim reclamation will begin: 02/01/2010 Size of location after interim reclamation in acres: 1.00
 Estimated post-construction ground elevation: 4771 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: _____

7. Surface Owner:

Name: GUTTERSEN RANCHES LLC Phone: _____
 Address: PO BOX 528 Fax: _____
 Address: _____ Email: _____
 City: KERSEY State: CO Zip: 80644 Date of Rule 306 surface owner consultation: 04/23/2009

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 20030012

8. Reclamation Financial Assurance:

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
 Distance, in feet, to nearest building: 5280, public road: 4600, above ground utility: 4600,
 railroad: 5280, property line: 2046

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 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: 70-VALENT SAND, 3-9% 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: 04/29/2009

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: 2300, water well: 4228, depth to ground water: 86

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 BULIDING, SURFACE WATER & RAILROAD ARE ALL GREATER THAN 1 MILE. THERE IS A NON-JURISDICTIONLA, SHALLOW WATER WELL/WINDMILL 2300' EAST OF PROPOSED LOCATION. WELL IS TO BE TWINNED FROM EXISTING SPIKE STATE D16-10. AS DRILLED SUNDRY SUBMITTED 7/24/09; REFERENCE AREA ADJACENT TO LOCATION, WTR WELL PERMIT #11048 DEPTH 260 FEET, STATIC WATER LEVEL 86 FEET

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

Signed: _____ Date: 08/03/2009 Email: MCLARK@NOBLEENERGYINC.COM

Print Name: MARI CLARK Title: REGULATORY ANALYST II

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

David S. Neslin

COGCC Approved: _____

Director of COGCC

Date: 9/30/2009

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.

Description

Attachment Check List

Att Doc Num	Name
1758122	FORM 2A APPROVED
1758123	LOCATION PICTURES
1758124	LOCATION PICTURES
1758125	LOCATION PICTURES
1758126	LOCATION DRAWING
1758127	HYDROLOGY MAP
1758128	ACCESS ROAD MAP
1758129	NRCS MAP UNIT DESC
1758130	MULTI-WELL PLAN
1758131	PROPOSED BMPs
1784445	CORRESPONDENCE
400009531	FORM 2A

Total Attach: 12 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)

Best Management Practices

No	BMP/COA Type	Description