

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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| DE | ET | OE | ES |
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Document Number:  
1774634

### 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:  
**415043**  
Expiration Date:  
**12/27/2012**

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: 27742  
Name: EOG RESOURCES INC  
Address: 600 17TH ST STE 1100N  
City: DENVER State: CO Zip: 80202

#### 3. Contact Information

Name: KAYLENE GARDNER  
Phone: (435) 781-9111  
Fax: (435) 789-7633  
email: KAYLENE\_GARDNER@EOGRE  
SOURCES.COM

#### 4. Location Identification:

Name: JERSEY Number: 12-25H  
County: WELD  
Quarter: NWNW Section: 25 Township: 11N Range: 63W Meridian: 6 Ground Elevation: 5177  
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: 450 feet, from North or South section line: FNL and 450 feet, from East or West section line: FWL  
Latitude: 40.899539 Longitude: -104.388719 PDOP Reading: 1.7 Date of Measurement: 09/10/2009

#### 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"/> 1 | Wells: <input type="checkbox"/> 1      | Production Pits: <input type="checkbox"/>   | Dehydrator Units: <input type="checkbox"/> |
| Condensate Tanks: <input type="checkbox"/>      | Water Tanks: <input type="checkbox"/> 2   | Separators: <input type="checkbox"/> 1 | Electric Motors: <input type="checkbox"/> 3 | Multi-Well Pits: <input type="checkbox"/>  |
| Gas or Diesel Motors: <input type="checkbox"/>  | Cavity Pumps: <input type="checkbox"/> 2  | LACT Unit: <input type="checkbox"/>    | Pump Jacks: <input type="checkbox"/> 1      | Pigging Station: <input type="checkbox"/>  |
| Electric Generators: <input type="checkbox"/> 1 | Gas Pipeline: <input type="checkbox"/> 1  | Oil Pipeline: <input type="checkbox"/> | Water Pipeline: <input type="checkbox"/>    | Flare: <input type="checkbox"/> 0          |
| Gas Compressors: <input type="checkbox"/>       | VOC Combustor: <input type="checkbox"/> 1 | Oil Tanks: <input type="checkbox"/> 7  | Fuel Tanks: <input type="checkbox"/>        |  |

Other: 1 EMERGENCYTANK, 1 METER RUN, AMBITROL, 1 HEATER TREATER, 1 WELL HEAD

6. Construction:

Date planned to commence construction: 01/01/2010 Size of disturbed area during construction in acres: 4.50
Estimated date that interim reclamation will begin: 05/01/2010 Size of location after interim reclamation in acres: 2.50
Estimated post-construction ground elevation: 5178 Will a closed loop system be used for drilling fluids: Yes
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 Onsite X Method: Land Farming Land Spreading Disposal Facility
Other: BACKFILL & COVER

7. Surface Owner:

Name: Phone:
Address: Fax:
Address: Email:
City: State: Zip: Date of Rule 306 surface owner consultation: 08/24/2009
Surface Owner: X Fee State Federal Indian
Mineral Owner: X 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: \$2000 \$5000 X Blanket Surety ID 20090114

8. Reclamation Financial Assurance:

X Well Surety ID: 20030058 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: 4300, public road: 682, above ground utilit: 1580
, railroad: 5280, property line: 450

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: PAOLI FINE SANDY LOAM, 0 TO 6% 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: PRAIRIE SANDREED, WESTERN WHEATGRASS, FOURWING SALTBUSH, GREEN NEEDLEGRASS, SIDEOTAS GRAMA

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): \_\_\_\_\_

### 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: 1400, water well: 4240, depth to ground water: 26

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 REFERENCED LOCATION WILL BE RECLAIMED BACK TO CONDITIONS AS REFERENCED WITHIN THE ATTACHED PHOTOS LOOKING NORTHERLY & WESTERLY OF THE PROPOSED WELL SITE. NO IMPROVEMENTS WERE IDENTIFIED WITHIN 400-FEET FOR THE PROPOSED WELL SITE.

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

Signed: \_\_\_\_\_ Date: 12/02/2009 Email: KAYLENE\_GARDNER@EOGRESOURCES.COM

Print Name: KAYLENE GARDNER Title: REG ADMIN

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: \_\_\_\_\_

*David S. Neshin*

Director of COGCC

Date: 12/28/2009

Location may be in a sensitive area due to shallow groundwater; therefore if drilling pits intercept groundwater the pit must be lined or a closed loop system used.

### **Attachment Check List**

| Att Doc Num | Name                    | Doc Description    |
|-------------|-------------------------|--------------------|
| 1641256     | CORRESPONDENCE          | LF@2196942 1641256 |
| 1774634     | FORM 2A                 | LF@2183971 1774634 |
| 1774635     | LOCATION PICTURES       | LF@2184348 1774635 |
| 1774636     | LOCATION PICTURES       | LF@2184346 1774636 |
| 1774637     | LOCATION PICTURES       | LF@2184351 1774637 |
| 1774639     | HYDROLOGY MAP           | LF@2183975 1774639 |
| 1774640     | ACCESS ROAD MAP         | LF@2183977 1774640 |
| 1774641     | REFERENCE AREA MAP      | LF@2183979 1774641 |
| 1774642     | REFERENCE AREA PICTURES | LF@2184349 1774642 |
| 1774643     | NRCS MAP UNIT DESC      | LF@2183981 1774643 |
| 1774644     | CONST. LAYOUT DRAWINGS  | LF@2183983 1774644 |

Total Attach: 11 Files