

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:
400006702

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:
421652
Expiration Date:
02/17/2014

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: 100185
Name: ENCANA OIL & GAS (USA) INC
Address: 370 17TH ST STE 1700
City: DENVER State: CO Zip: 80202-5632

3. Contact Information

Name: Jevin Croteau
Phone: (720) 876-5339
Fax: (720) 876-6339
email: jevin.croteau@encana.com

4. Location Identification:

Name: Federal Number: 28-11 (PL28SW)
County: MESA
QuarterQuarter: NESW Section: 28 Township: 9S Range: 96W Meridian: 6 Ground Elevation: 6089
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: 1550 feet FSL, from North or South section line, and 1875 feet FWL, from East or West section line.
Latitude: 39.243290 Longitude: -108.112170 PDOP Reading: 0.0 Date of Measurement: 07/09/2009
Instrument Operator's Name: Ted Taggart

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

| | | | | |
|--|---|--|---|--|
| Special Purpose Pits: <input type="text" value="0"/> | Drilling Pits: <input type="text" value="0"/> | Wells: <input type="text" value="1"/> | Production Pits: <input type="text" value="0"/> | Dehydrator Units: <input type="text" value="1"/> |
| Condensate Tanks: <input type="text" value="4"/> | Water Tanks: <input type="text" value="0"/> | Separators: <input type="text" value="1"/> | Electric Motors: <input type="text" value="0"/> | Multi-Well Pits: <input type="text" value="0"/> |
| Gas or Diesel Motors: <input type="text" value="0"/> | Cavity Pumps: <input type="text" value="0"/> | LACT Unit: <input type="text" value="0"/> | Pump Jacks: <input type="text" value="0"/> | Pigging Station: <input type="text" value="1"/> |
| Electric Generators: <input type="text" value="0"/> | Gas Pipeline: <input type="text" value="1"/> | Oil Pipeline: <input type="text" value="0"/> | Water Pipeline: <input type="text" value="1"/> | Flare: <input type="text" value="0"/> |
| Gas Compressors: <input type="text" value="1"/> | VOC Combustor: <input type="text" value="0"/> | Oil Tanks: <input type="text" value="0"/> | Fuel Tanks: <input type="text" value="0"/> | |

Other: The Federal 28-11 (PL28SW) well and facilities listed above are planned for this location.

6. Construction:

Date planned to commence construction: 03/01/2011 Size of disturbed area during construction in acres: 5.34
 Estimated date that interim reclamation will begin: 08/01/2011 Size of location after interim reclamation in acres: 1.00
 Estimated post-construction ground elevation: 6085 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: BLM Phone: 970-244-3000
 Address: 2815 H. Road Fax: _____
 Address: _____ Email: _____
 City: Grand Junction State: CO Zip: 81506 Date of Rule 306 surface owner consultation: _____
 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 _____

8. Reclamation Financial Assurance:

Well Surety ID: _____ 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: 2900, public road: 1220, above ground utilit: 1000
 , railroad: 31680, property line: 1700

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: 3 - Barx loam, 3 to 12 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, WY big sagebrush, Bottlebrush squirreltail, Indian ricegrass, Needleandthread, Prairie Junegrass, Sandberg bluegrass and other perennial forbs and shrubs.

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: 850, water well: 9380, depth to ground water: 151

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:

Accoding to the CO DWR website the nearest water well , permit #48469-MH, is located 9380' away and has an unknown completion status. The nearest domestic water well, permit #80596-A is located 10032' away and has a static water level of 151'. The reference area for this location will be adjacent to the East side of the pad.

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

Signed: _____ Date: 12/27/2010 Email: jevin.croteau@encana.com

Print Name: Jevin Croteau 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.

David S. Neslin

COGCC Approved: _____

Director of COGCC

Date: 2/18/2011

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.

Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines.

Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures sufficiently protective of nearby surface water.

The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, the drill cuttings must also meet the applicable standards of table 910-1.

Attachment Check List

| Att Doc Num | Name |
|-------------|------------------------|
| 2033595 | CORRESPONDENCE |
| 400006702 | FORM 2A SUBMITTED |
| 400079069 | PROPOSED BMPs |
| 400079083 | LOCATION PICTURES |
| 400079086 | ACCESS ROAD MAP |
| 400119101 | HYDROLOGY MAP A, TOPO |
| 400119102 | NRCS MAP UNIT DESC |
| 400119107 | LOCATION DRAWING |
| 400119108 | CONST. LAYOUT DRAWINGS |

Total Attach: 9 Files

General Comments

| User Group | Comment | Comment Date |
|------------|---|--------------------------|
| DOW | The BMPs as submitted by the operator are applicable. Additionally, the CDOW affirms that the lease stipulations and conditions of approval assigned to this permit by the BLM suffice to address wildlife habitat and mitigation concerns. by Michael Warren on Friday, February 18, 2011 at 8:10 A.M. | 2/18/2011 8:10:50 AM |
| OGLA | Initiated/Completed OGLA Form 2A review on 01-20-11 by Dave Kubeczko; requested acknowledgement of fluid containment, spill/release BMPs, and cuttings low moisture content COAs from operator on 01-20-11; received acknowledgement of COAs from operator on 01-20-10; passed by CDOW on 02-18-11 with operator submitted BMPs (with permit application) and BLM stipulations and COAs acceptable; passed OGLA Form 2A review on 02-18-11 by Dave Kubeczko; fluid containment, spill/release BMPs, and cuttings low moisture content COAs. | 1/20/2011 10:05:50 AM |

Total: 2 comment(s)

BMP

| Type | Comment |
|------|---------|
| | |

Total: 0 comment(s)

