

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:

2589956

Date Received:

08/05/2010

Oil and Gas Location Assessment

New Location

Amend Existing Location

Location#: 336439

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:

336439

Expiration Date:

10/29/2013

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.CO
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4. Location Identification:

Name: WANDELL

Number: 2N67W/7NENE

County: WELD

Quarter: NENE Section: 7 Township: 2N Range: 67W Meridian: 6 Ground Elevation: 4892

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: 925 feet FNL, from North or South section line, and 1135 feet FEL, from East or West section line.

Latitude: 40.157860 Longitude: -104.927860 PDOP Reading: 1.7 Date of Measurement: 03/01/2010

Instrument Operator's Name: TOM WINANS

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"/>	Wells: <input type="text" value="8"/>	Production Pits: <input type="checkbox"/>	Dehydrator Units: <input type="checkbox"/>
Condensate Tanks: <input type="checkbox"/>	Water Tanks: <input type="text" value="1"/>	Separators: <input type="text" value="3"/>	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="text" value="10"/>	Oil Pipeline: <input type="text" value="3"/>	Water Pipeline: <input type="text" value="1"/>	Flare: <input type="checkbox"/>
Gas Compressors: <input type="checkbox"/>	VOC Combustor: <input type="text" value="1"/>	Oil Tanks: <input type="text" value="3"/>	Fuel Tanks: <input type="checkbox"/>	

Other: FOUR EXISTING WELLS ON LOCATION, WANDELL #1, 31-7, 41-7 & 42-7 AND PLAN TO ADD 4 ADITIONAL WELLS, WANDEL 6-0-7, 8-2-7, 6-4-7 & 8-4-7.

6. Construction:

Date planned to commence construction: 03/01/2011 Size of disturbed area during construction in acres: 5.00
 Estimated date that interim reclamation will begin: 07/01/2011 Size of location after interim reclamation in acres: 1.50
 Estimated post-construction ground elevation: 4892 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: TRI TOWN EDCAL Phone: _____
 Address: 1950 W. MOUNTAIN VIEW AVE. Fax: _____
 Address: _____ Email: _____
 City: LONGMONT State: CO Zip: 80501 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: 20100017 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: 300, public road: 374, above ground utility: 325,
 railroad: 1830, property line: 101

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: 72-VONA LOAMY SAND, 0 TO 3 PERCENT SLOPES

NRCS Map Unit Name: 73-VONA LOAMY SAND, 3 TO 5 PERCENT SLOPES

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: _____

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: 2051, water well: 1292, depth to ground water: 40

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:

ACCORDING TO THE CO DWR WEB SITE THE NEAREST WATER WELL, PERMIT #75033, IS LOCATED 1292' AWAY AND HAS A STATIC WATER LEVEL OF 40'. NO H2S IS ANTICIPATED. EXISTING ACCESS WILL BE RECLAIMED AFTER THE NEW ACCESS AND LOCATION ARE BUILT. ALL MEASUREMENTS AND THE SINGLE POINT OF REFERENCE ARE FROM OUR PROPOSED WANDEL 8-2-7 Encana Oil & Gas (USA) Inc. requests approval of a Rule 318Aa and Rule 318Ac exception location: Wellhead is to be located outside of a GWA drilling window and will be located more than 50' from an existing well location. Waivers are attached. Encana Oil & Gas (USA) Inc. requests approval of a Rule 603.a.(2) exception location: Wellhead is to be located less than 150' from a property line. Waivers are attached. Encana Oil & Gas (USA) Inc. requests approval of a variance to Rule 603.e.(2): Wellhead is to be located less than 350' from a building unit. Waivers are attached.

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

Signed: _____ Date: 08/05/2010 Email: JEVIN.CROTEAU@ENCANA.COM

Print Name: JEVIN CROTEAU Title: REGULATORY

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. Nashin

Director of COGCC

Date: 10/30/2010

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

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Attachment Check List

Att Doc Num	Name
2589956	FORM 2A APPROVED
2589957	LOCATION PICTURES
2589958	LOCATION PICTURES
2589959	LOCATION DRAWING
2589960	HYDROLOGY MAP
2589961	ACCESS ROAD MAP
2589962	NRCS MAP UNIT DESC
2589963	NRCS MAP UNIT DESC
2589964	MULTI-WELL PLAN
2622064	CDPHE CONSULTATION
2622065	LGD CONSULTATION
2622066	EXCEPTION LOC REQUEST
2622067	EXCEPTION LOC WAIVERS
2622068	EXCEPTION LOC REQUEST
2622069	EXCEPTION LOC REQUEST
2622070	EXCEPTION LOC WAIVERS
400105012	FORM 2A

Total Attach: 17 Files

General Comments

User Group	Comment	Comment Date
Permit	Took off hold. UPLOADED CDPHE CONSULTATION AND LGD CONSULTATION to application as attachment. PVG. Uploaded Exception Location Requests and Waivers, 603.a.(2), 603.e.(2), 318Aa, 318Ac. PVG	10/29/2010 11:25:01 AM
Permit	ON HOLD. This location is a high density location which requires a CDPHE consultation. The location is 300' from a building unit 50' below the minimum setback required by rule (350'). Notified CDPHE, operator, and OGLA of the need for CDPHE consultation. PVG	9/2/2010 7:15:31 AM
OGLA	Waivers are attached to the associated Form 2s (see Doc. No. 2589944)	8/23/2010 4:27:09 PM

Total: 3 comment(s)

Best Management Practices

No	BMP/COA Type	Description