


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		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DE</td> <td style="width: 25%;">ET</td> <td style="width: 25%;">OE</td> <td style="width: 25%;">ES</td> </tr> </table> <p style="text-align: center;">Document Number: 400144602</p>	DE	ET	OE	ES
DE	ET	OE	ES				
Oil and Gas Location Assessment			<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Location ID: 336332 </div> <div style="border: 1px solid black; padding: 5px;"> Expiration Date: 04/21/2014 </div>				
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div> <input type="checkbox"/> New Location </div> <div> <input checked="" type="checkbox"/> Amend Existing Location </div> <div> Location#: <u>336332</u> </div> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> 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. </div>							
<input checked="" type="checkbox"/> This location assessment is included as part of a permit application.							
1. CONSULTATION <input type="checkbox"/> This location is included in a Comprehensive Drilling Plan. CDP # _____ <input type="checkbox"/> This location is in a sensitive wildlife habitat area. <input type="checkbox"/> This location is in a wildlife restricted surface occupancy area. <input type="checkbox"/> This location includes a Rule 306.d.(1)A.ii. variance request.							
2. Operator Operator Number: <u>100185</u> Name: <u>ENCANA OIL & GAS (USA) INC</u> Address: <u>370 17TH ST STE 1700</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202-5632</u>		3. Contact Information Name: <u>JENNIFER LIND</u> Phone: <u>(720) 876-5890</u> Fax: <u>(720) 876-6890</u> email: <u>JENNIFER.LIND@ENCANA.COM</u>					
4. Location Identification: Name: <u>PURITAN</u> Number: <u>4-4-34</u> County: <u>WELD</u> QuarterQuarter: <u>NWSE</u> Section: <u>34</u> Township: <u>2N</u> Range: <u>68W</u> Meridian: <u>6</u> Ground Elevation: <u>5003</u> 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: <u>1922</u> feet <u>FSL</u> , from North or South section line, and <u>1983</u> feet <u>FEL</u> , from East or West section line. Latitude: <u>40.092940</u> Longitude: <u>-104.986980</u> PDOP Reading: <u>3.0</u> Date of Measurement: <u>01/19/2011</u> Instrument Operator's Name: <u>CRAIG BURKE</u>							

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 be 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: 40 - NUNN LOAM, 1 TO 3 PERCENT SLOPES

NRCS Map Unit Name: 48 - OLNEY FINE SANDY LOAM, 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: 2036 , water well: 1860 , depth to ground water: 80

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:

New survey places surface of reference well 123-22147 Puritan 33-34 at 1922' FSL & 1983' FEL, 40.09294 lat & -104.98698 long.

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

Signed: _____ Date: 03/24/2011 Email: JENNIFER.LIND@ENCANA.COM

Print Name: JENNIFER LIND 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: David S. Neslin Director of COGCC Date: 4/22/2011

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.

Attachment Check List

Att Doc Num	Name
400144602	FORM 2A SUBMITTED
400146262	LOCATION PICTURES
400146265	NRCS MAP UNIT DESC
400146499	HYDROLOGY MAP
400146503	ACCESS ROAD MAP
400147289	LOCATION DRAWING
400147290	MULTI-WELL PLAN

Total Attach: 7 Files

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	New survey places surface of reference well 123-22147 Puritan 33-34 at 1922' FSL & 1983' FEL, 40.09294 lat & -104.98698 long. plg.	4/12/2011 10:36:34 AM
Permit	ON HOLD: Requesting confirmation of lat/long. currently not on a wellhead. plg.	4/8/2011 11:24:31 AM
Permit	SUA attached to form 2. plg.	4/8/2011 11:18:22 AM
Permit	Opr corrected. sf	3/29/2011 1:20:55 PM
Permit	Back to draft for multi-well plan and location drawing that won't open. sf	3/28/2011 11:52:57 AM
Permit	Multi-well plan and location drawing will not open; pdf's corrupt. JLV	3/25/2011 12:41:39 PM

Total: 6 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)