

**FORM
2A**Rev
04/01State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

2589724

Oil and Gas Location Assessment☐ New Location ☒ Amend Existing Location Location#: 322848

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:

322848

Expiration Date:

08/05/2013☒ 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: NICK G. CURRAN

Phone: (720) 876-5288

Fax: (720) 876-6288

email: NICK.CURRAN@ENCANA.COM

4. Location Identification:

Name: ANDERSON TRUST C UNIT PAD Number: 2

County: WELD

QuarterQuarter: NENW Section: 32 Township: 2N Range: 68W Meridian: 6 Ground Elevation: 4948

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: 1018 feet, from North or South section line: FNL and 1460 feet, from East or West section line: FWL

Latitude: 40.099570 Longitude: -105.031650 PDOP Reading: 2.2 Date of Measurement: 06/22/2010

Instrument Operator's Name: CRAIG BURKE

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

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

Other: EXISTING: 1 oil tank, 1 water tank, 1 separator, 1 combustor PROPOSED: 1 separator, 1 oil tank (most likely)

6. Construction:

Date planned to commence construction: 07/01/2010 Size of disturbed area during construction in acres: 3.67
Estimated date that interim reclamation will begin: 01/03/2011 Size of location after interim reclamation in acres: 0.50
Estimated post-construction ground elevation: 4948 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: _____ Phone: _____
Address: _____ Fax: _____
Address: _____ Email: _____
City: _____ State: _____ Zip: _____ Date of Rule 306 surface owner consultation: 06/25/2009
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 20090011

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: 227, public road: 128, above ground utilit: 181
, railroad: 12400, property line: 125

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: 4. AQUOLLS AND AQUEPTS, FLOODED

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: _____

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: 335, water well: 343, depth to ground water: 8

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 Supply 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:

THIS FORM 2A IS BEING SUBMITTED FOR THE TANK BATTERY AND FACILITIES FOR THE RAY NELSON SWNW MULTI WELL PAD #0-4-32, LOCATION ID #336463.

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

Signed: _____ Date: 07/01/2010 Email: NICK.CURRAN@ENCANA.COM

Print Name: NICK CURRAN Title: PERMITTING

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: 8/6/2010

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.

Attachment Check List

Att Doc Num	Name	Doc Description
2582965	SURFACE AGRMT/SURETY	LF@2506283 2582965
2589724	FORM 2A	LF@2505301 2589724
2589725	LOCATION PICTURES	LF@2505306 2589725
2589726	LOCATION PICTURES	LF@2505307 2589726
2589727	LOCATION DRAWING	LF@2505308 2589727
2589728	HYDROLOGY MAP	LF@2505309 2589728
2589729	ACCESS ROAD MAP	LF@2505310 2589729
2589730	NRCS MAP UNIT DESC	LF@2505302 2589730
2589731	MULTI-WELL PLAN	LF@2505311 2589731
2589732	MINERAL LEASE MAP	LF@2505312 2589732
2589733	WELL LOCATION PLAT	LF@2505303 2589733
2589734	OTHER	LF@2505304 2589734
2613204	LOCATION DRAWING	LF@2513912 2613204
2613205	CORRESPONDENCE	LF@2513914 2613205

Total Attach: 14 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	uncheck sensitive wildlife and Restricted surface occupancy, add one well, add facility other comment, uncheck closed loop, change land use current and future. change distance to water well. attach new location drawing showing where tank btterys will be. attach correspondence dealing with building square footage.	7/28/2010 2:08:18 PM
OGLA	From: Curran, Nick [mailto:Nick.Curran@encana.com] Sent: Wednesday, July 28, 2010 11:04 AM To: Walker, Valerie Cc: Boles, Cathi; Deranleau, Greg Subject: RE: Form 2A doc 2589724 Anderson Trust C Unit Pad #2 Valerie, Jim Anderson from Anderson Farms just confirmed the dimensions of building "m" are 70' X 50' however the tanks will be moved to the northwest (Box "X") to make the distance from the tanks to building "m" 200 feet or greater per Rule 604.a.(3) Thanks, Nick	7/28/2010 2:05:22 PM
DOW	Not applicable.Location does not occur in sensitive wildlife habitat.	7/28/2010 9:36:48 AM

Total: 3 comment(s)