

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:

2583767

Oil and Gas Location Assessment

New Location  Amend Existing Location Location#: 326877

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:

**326877**

Expiration Date:

**09/19/2013**

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: WILLIAMS E UNIT Number: 2N68W/18CSW  
 County: WELD  
 Quarter: SWSW Section: 18 Township: 2N Range: 68W Meridian: 6 Ground Elevation: 4981

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: 1292 feet, from North or South section line: FSL and 987 feet, from East or West section line: FWL  
 Latitude: 40.134690 Longitude: -105.051840 PDOP Reading: 1.5 Date of Measurement: 04/19/2010  
 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:  Drilling Pits:  Wells:  Production Pits:  Dehydrator Units:   
 Condensate Tanks:  Water Tanks:  Separators:  Electric Motors:  Multi-Well Pits:   
 Gas or Diesel Motors:  Cavity Pumps:  LACT Unit:  Pump Jacks:  Pigging Station:   
 Electric Generators:  Gas Pipeline:  Oil Pipeline:  Water Pipeline:  Flare:   
 Gas Compressors:  VOC Combustor:  Oil Tanks:  Fuel Tanks:

Other: ONE EXISTING WELL & FACILITIES ON LOCATION, WILLIAMS E UNIT #1, PLAN TO ADD THREE ADDITIONAL WELLS, WILLIAMS 2-8-18, 4-8-18 & 2-4-18 AND ADDITIONAL FACILITIES LISTED.

6. Construction:

Date planned to commence construction: 02/01/2011 Size of disturbed area during construction in acres: 3.67
Estimated date that interim reclamation will begin: 04/01/2011 Size of location after interim reclamation in acres: 1.50
Estimated post-construction ground elevation: 4981 Will a closed loop system be used for drilling fluids: Yes [X]
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 [X] Onsite [ ] Method: Land Farming [ ] Land Spreading [X] Disposal Facility [ ]
Other: \_\_\_\_\_

7. Surface Owner:

Name: \_\_\_\_\_ Phone: \_\_\_\_\_
Address: \_\_\_\_\_ Fax: \_\_\_\_\_
Address: \_\_\_\_\_ Email: \_\_\_\_\_
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Date of Rule 306 surface owner consultation: 04/07/2010
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 executer of the oil and gas lease [ ] the applicant
The right to construct the location is granted by: [ ] oil and gas lease [X] 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:

[X] 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 [X]
Distance, in feet, to nearest building: 540 , public road: 1333 , above ground utilit: 1313
, railroad: 10700 , property line: 427

10. Current Land Use (Check all that apply):

Crop Land: [X] 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: [X] 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: 15 - colby loam, 1 to 3 percent slopes

NRCS Map Unit Name: 16 - colby 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 (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: 1338, water well: 2367, depth to ground water: 16

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 THE NEAREST WATER WELL, PERMIT #48558, IS LOCATED 2367' AWAY. THE NEAREST WELL WITH A STATIC WATER LEVEL AT APPROXIMATELY THE SAME ELEVATION IS LOCATED OVER 2.5 MILES TO THE WEST, PERMIT #13192. NO H2S IS ANTICIPATED. ALL DISTANCES AND THE SINGLE POINT AS A LOCATION REFERENCE FOR THIS FACILITY ARE MEASURED FROM THE PROPOSED WILLIAMS 2-8-18 WELL STAKE.

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

Signed: \_\_\_\_\_ Date: 08/18/2010 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.

*David S. Neslin*

COGCC Approved: \_\_\_\_\_

Director of COGCC

Date: 9/20/2010

**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
2583743	OTHER	LF@2526648 2583743
2583744	WELL LOCATION PLAT	LF@2526649 2583744
2583745	TOPO MAP	LF@2526650 2583745
2583746	MINERAL LEASE MAP	LF@2526651 2583746
2583747	SURFACE AGRMT/SURETY	LF@2526652 2583747
2583748	DEVIATED DRILLING PLAN	LF@2526654 2583748
2583749	30 DAY NOTICE LETTER	LF@2526653 2583749
2583750	WAIVERS	LF@2526655 2583750
2583767	FORM 2A	LF@2526592 2583767
2583768	LOCATION PICTURES	LF@2526599 2583768
2583769	LOCATION PICTURES	LF@2526595 2583769
2583770	LOCATION DRAWING	LF@2526600 2583770
2583771	HYDROLOGY MAP	LF@2526596 2583771
2583772	ACCESS ROAD MAP	LF@2526597 2583772
2583773	NRCS MAP UNIT DESC	LF@2526593 2583773
2583774	MULTI-WELL PLAN	LF@2526598 2583774
2590071	LOCATION DRAWING	LF@2529345 2590071

Total Attach: 17 Files

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