

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:

2095680

Oil and Gas Location Assessment

New Location Amend Existing Location Location#: 306242

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:
306242
Expiration Date:

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: 72085
Name: PETRO-CANADA RESOURCES (USA) INC
Address: 999 18TH ST STE 600
City: DENVER State: CO Zip: 80202-2499

3. Contact Information
Name: SUSAN MILLER
Phone: (303) 297-2100
Fax: (303) 297-7708
email: SUMILLER@SUNCOR.COM

4. Location Identification:
Name: FOSS Number: 6-31
County: WELD
Quarter: NESW Section: 6 Township: 6N Range: 63W Meridian: 6 Ground Elevation: 4707
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: 2187 feet, from North or South section line: FSL and 1886 feet, from East or West section line: FWL
Latitude: 40.513880 Longitude: -104.482000 PDOP Reading: 2.0 Date of Measurement: 08/10/2006

5. Facilities (Indicate the number of each type of oil and gas facility planned on location):
Special Purpose Pits: Drilling Pits: 1 Wells: 1 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: DRILLING = 2 DIESEL GENERATORS, 1 FUEL TANK. ONE (1) UNDERGROUND FLOWLINE WILL BE INSTALLED FROM THE WELLHEAD TO PRODUCTION FACILITY LOCATED 2634' SW.

6. Construction:

Date planned to commence construction: 05/01/2010 Size of disturbed area during construction in acres: 2.00
Estimated date that interim reclamation will begin: 08/01/2010 Size of location after interim reclamation in acres: 0.50
Estimated post-construction ground elevation: 4707 Will a closed loop system be used for drilling fluids: Yes
Will salt sections be encountered during drilling: Yes No X Is H2S anticipated? Yes No
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: EDWIN FOSS Phone:
Address: 29978 WCR 70 Fax:
Address: Email:
City: GILL State: CO Zip: 80634 Date of Rule 306 surface owner consultation: 08/10/2006
Surface Owner: X Fee State Federal Indian
Mineral Owner: X Fee State Federal Indian
The surface owner is: X the mineral owner X 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: 20010102 X Gas Facility Surety ID: 20090001 X Waste Mgnt. Surety ID: 20050073

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes No X
Distance, in feet, to nearest building: 1178 , public road: 1934 , above ground utilit: 1178
, railroad: 5280 , property line: 571

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: ASCALON SANDY LOAM

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: 2719, water well: 750, depth to ground water: 23

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:

NO CHANGES TO LOCATION SINCE ORIGINAL SUBMITTAL. NEAREST RAILROAD IS OVER 1 MILE FROM LOCATION. NEAREST WATER WELL PERMIT NO. 262396.

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

Signed: _____ Date: 02/08/2010 Email: SUMILLER@SUNCOR.COM

Print Name: SUSAN MILLER 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: _____ Director of COGCC Date: _____

Attachment Check List

Att Doc Num	Name	Doc Description
2095680	FORM 2A	LF@2327857 2095680
2095683	LOCATION PICTURES	LF@2327876 2095683
2095684	LOCATION DRAWING	LF@2327879 2095684
2095685	HYDROLOGY MAP	LF@2327880 2095685
2095686	ACCESS ROAD MAP	LF@2327881 2095686
2095687	NRCS MAP UNIT DESC	LF@2327858 2095687
2095688	PROPOSED BMPs	LF@2327859 2095688
400038552	FORM 2A SUBMITTED	400038552.pdf

Total Attach: 8 Files