

**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



DE ET OE ES

Document Number:

400092622

Oil and Gas Location Assessment☐ New Location ☒ Amend Existing Location Location#: 334618

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:

334618

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: 100185

Name: ENCANA OIL & GAS (USA) INC

Address: 370 17TH ST STE 1700

City: DENVER State: CO Zip: 80202-5632

3. Contact Information

Name: DeAnne Spector

Phone: (720) 876-5826

Fax: (720) 876-6826

email: deanne.spector@encana.com

**4. Location
Identification:**

Name: HMU Federal Number: 24-13A1 (D25W)

County: GARFIELD

QuarterQuarter: NWNW Section: 25 Township: 7S Range: 93W Meridian: 6 Ground Elevation: 7228

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: 331 feet, from North or South section line: FNL and 723 feet, from East or West section line: FWL

Latitude: 39.423376 Longitude: -107.730088 PDOP Reading: 3.5 Date of Measurement: 07/08/2010

Instrument Operator's Name: C.D. Slaugh

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

Special Purpose Pits:	<u>1</u>	Drilling Pits:	<u>0</u>	Wells:	<u>19</u>	Production Pits:	<u>0</u>	Dehydrator Units:	<u>0</u>
Condensate Tanks:	<u>0</u>	Water Tanks:	<u>0</u>	Separators:	<u>19</u>	Electric Motors:	<u>0</u>	Multi-Well Pits:	<u>0</u>
Gas or Diesel Motors:	<u>0</u>	Cavity Pumps:	<u>0</u>	LACT Unit:	<u>0</u>	Pump Jacks:	<u>0</u>	Pigging Station:	<u>0</u>
Electric Generators:	<u>0</u>	Gas Pipeline:	<u>1</u>	Oil Pipeline:	<u> </u>	Water Pipeline:	<u>0</u>	Flare:	<u>0</u>
Gas Compressors:	<u>0</u>	VOC Combustor:	<u>0</u>	Oil Tanks:	<u>0</u>	Fuel Tanks:	<u>0</u>		

Other: an area will be set aside to mix the cuttings. The special purpose pit will be the flare pit.

6. Construction:

Date planned to commence construction: 04/01/2011 Size of disturbed area during construction in acres: 7.14
Estimated date that interim reclamation will begin: 10/01/2012 Size of location after interim reclamation in acres: 2.73
Estimated post-construction ground elevation: 7228 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: CRVO BLM Phone: 970-846-9055
Address: 2300 River Frontage Rd Fax: _____
Address: _____ Email: _____
City: Silt State: CO Zip: 81652 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: _____ ☐ Gas Facility Surety ID: _____ ☐ Waste Mgmt. Surety ID: _____

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes ☐ No ☒
Distance, in feet, to nearest building: 6399, public road: 4257, above ground utilit: 6399
, railroad: 9, property line: 795

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: Ascalon-Pena Complex

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: Bluestem, Grama, Wheatgrass, Buffalograss, Fescue, Oatgrass, Brome, Mohogany, Oak, sage,
Serviceberry, Chokecherry

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: 3580, water well: 4927, depth to ground water: 30

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:

The reference area for reclamation is located next to the pad, on the West side. Reference area pictures have been ordered from our field office.

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

Signed: _____ Date: _____ Email: deanne.spector@encana.com

Print Name: DeAnne Spector 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: _____ Director of COGCC Date: _____

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
400092649	LOCATION PICTURES	(D25W) photos.pdf
400092650	LOCATION DRAWING	(D25W) location drawing.pdf
400092651	HYDROLOGY MAP	HydrologyD25W.pdf
400092652	ACCESS ROAD MAP	(D25W) Access Road.pdf
400092653	NRCS MAP UNIT DESC	NRCS.pdf
400092654	CONST. LAYOUT DRAWINGS	(D25W) Construction drawing.pdf
400092655	MULTI-WELL PLAN	(D25W) Multi Well.pdf
400092656	PROPOSED BMPs	Form 2A General BMPs.pdf
400095207	OTHER	BHL Lat Long.pdf

Total Attach: 9 Files