

FORM 2A

Rev 04/01

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

Document Number: 400234518

Oil and Gas Location Assessment

[X] New Location [] Amend Existing Location Location#: _____

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...

Location ID: 427395 Expiration Date: 01/19/2015

[X] This location assessment is included as part of a permit application.

1. CONSULTATION

- [] This location is included in a Comprehensive Drilling Plan. CDP # _____
[X] 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.com

4. Location Identification:

Name: Federal Number: 21-9C (PJ-21)
County: GARFIELD
Quarter: NWSE Section: 21 Township: 7S Range: 95W Meridian: 6 Ground Elevation: 6303

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...

Footage at surface: 2100 feet FSL, from North or South section line, and 2038 feet FEL, from East or West section line.
Latitude: 39.421549 Longitude: -107.999913 PDOP Reading: 0.0 Date of Measurement: 09/13/2005
Instrument Operator's Name: Ted Taggart

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

Special Purpose Pits: [] Drilling Pits: [] Wells: [6] Production Pits: [] Dehydrator Units: []
Condensate Tanks: [] Water Tanks: [4] Separators: [6] Electric Motors: [] Multi-Well Pits: []
Gas or Diesel Motors: [] Cavity Pumps: [] LACT Unit: [] Pump Jacks: [] Pigging Station: [1]
Electric Generators: [] Gas Pipeline: [1] Oil Pipeline: [] Water Pipeline: [] Flare: []
Gas Compressors: [] VOC Combustor: [] Oil Tanks: [] Fuel Tanks: []

Other: Plan to drill 6 wells on this new well pad.

6. Construction:

Date planned to commence construction: 06/01/2012 Size of disturbed area during construction in acres: 5.88
Estimated date that interim reclamation will begin: 11/01/2012 Size of location after interim reclamation in acres: 1.00
Estimated post-construction ground elevation: 6301 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: BLM Phone: 970-876-9000
Address: 2300 River Frontage Road 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: 5000, public road: 5700, above ground utilit: 550
, railroad: 18000, property line: 801

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: 33 - Ildefonso stony loam, 6 to 25 percent slopes
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: 09/13/2005
List individual species: Sage brush, Oak brush and native grasses.

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: 500, water well: 5000, depth to ground water: 120
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 web site the nearest water well, Permit #93976 is 5000' away and has a static water level of 120'. All distances and the single point as a location refernce for this location are measured from the proposed Federal 21-9C (PJ-21) well stake. The reference area for this location will be adjacent to the south side of the pad.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.
Signed: _____ Date: 12/21/2011 Email: jevin.croteau@encana.com
Print Name: Jevin Croteau 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. Nashin Director of COGCC Date: 1/20/2012

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.

SITE SPECIFIC COAs:

Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface or buried pipelines.

Operator must ensure secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., best management practices (BMPs) associated with stormwater management) sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.

Flowback and stimulation fluids must be sent to tanks, separators, or other containment/filtering equipment before the fluids can be placed into any pipeline or pit located on the well pad or into tanker trucks for offsite disposal. The flowback and stimulation fluid tanks, separators, or other containment/filtering equipment must be placed on the well pad in an area with additional downgradient perimeter berming. The area where flowback fluids will be stored/reused must be constructed to be sufficiently impervious to contain any spilled or released material.

The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts.

Attachment Check List

Att Doc Num	Name
2034124	CORRESPONDENCE
400234518	FORM 2A SUBMITTED
400234566	HYDROLOGY MAP
400234569	ACCESS ROAD MAP
400234570	MULTI-WELL PLAN
400234571	CONST. LAYOUT DRAWINGS
400234572	LOCATION DRAWING
400234573	LOCATION PICTURES
400234575	NRCS MAP UNIT DESC

Total Attach: 9 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	LGD/public comments waived.Final Comprehensive Review Status--passed	1/18/2012 10:36:25 AM
Permit	ready to approve in permitting.	12/27/2011 3:47:30 PM
OGLA	Initiated/Completed OGLA Form 2A review on 12-27-11 by Dave Kubeczko; requested acknowledgement of fluid containment, spill/release BMPs, moisture content cuttings, and flowback to tanks COAs from operator on 12-27-11; received acknowledgement of COAs from operator on 12-27-11; passed by CDPW on 11-22-11 with operator submitted BMPs and BLM COAs and stipulations acceptable; passed OGLA Form 2A review on 01-17-12 by Dave Kubeczko; fluid containment, spill/release BMPs, moisture content cuttings, and flowback to tanks COAs.	12/27/2011 1:54:46 PM
DOW	This permit is within the boundary of the BLM's South Parachute Geographic Area Plan. CPW affirms that the lease stipulations and conditions of approval assigned to this permit by the BLM suffice to address wildlife habitat and mitigation concerns. Tuesday, December 27, 2011 at 1:05 p.m.	12/27/2011 1:01:38 PM

Total: 4 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Wildlife	All wildlife stipulations and best management practices that apply, are applicable and that have been agreed to with the BLM and are presented in our approved South Parachute Geographic Area Plan for Oil & Gas Development (EA#COC140-2006-050) will be followed.

Total: 1 comment(s)