

FORM
2A

Rev
04/01

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400327315

Date Received:

09/26/2012

Oil and Gas Location Assessment

☒ 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. This Assessment may be approved as a standalone 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:

430662

Expiration Date:

10/29/2015

☒ 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: 10394

Name: CONDOR ENERGY TECHNOLOGY LLC

Address: 3315 HIGHWAY 50

City: SILVER SPRINGS State: NV Zip: 89429

3. Contact Information

Name: Angie Galvan

Phone: (281) 716-5730

Fax: (281) 581-2882

email: Angie.Galvan@stxra.com

4. Location Identification:

Name: WAVES Number: 1H

County: WELD

QuarterQuarter: SWSW Section: 23 Township: 7N Range: 60W Meridian: 6 Ground Elevation: 4905

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: 230 feet FSL, from North or South section line, and 330 feet FWL, from East or West section line.

Latitude: 40.554040 Longitude: -104.068900 PDOP Reading: 2.0 Date of Measurement: 08/16/2012

Instrument Operator's Name: MARC WOODARD

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" value="1"/>	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" value="1"/>	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" value="1"/>	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" value="1"/>
Gas Compressors: <input type="text" value="1"/>	VOC Combustor: <input type="text"/>	Oil Tanks: <input type="text" value="4"/>	Fuel Tanks: <input type="text"/>	

Other: Freshwater Storage Pit, Heater Treater, Separators-one high pressure and one low pressure, Jet Pump, Flare until pipeline connection ready

6. Construction:

Date planned to commence construction: 10/26/2012 Size of disturbed area during construction in acres: 4.30
Estimated date that interim reclamation will begin: 04/26/2013 Size of location after interim reclamation in acres: 1.00
Estimated post-construction ground elevation: 4905 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: GREG ROTH Phone: 970-351-6714
Address: 25210 HWY 392 Fax: _____
Address: _____ Email: _____
City: GREELEY State: CO Zip: 80631 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: 20110198 ☐ 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: 1850, public road: 220, above ground utilit: 260
, railroad: 5820, property line: 230

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: (44) Olney fine sandy loam, 0 to 6 percent slopes

NRCS Map Unit Name: (45) Olney fine sandy loam, 6 to 9 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 (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: 3310, water well: 1680, depth to ground water: 150

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:

This form is submitted in conjunction with Form 2 (Document Number 400327295). Nearest Railroad is more than 5820' from location. A landspreading Facility ID Number has been established (Facility ID#429467)

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

Signed: _____ Date: 09/26/2012 Email: Angie.Galvan@stxra.com

Print Name: Angelina Galvan 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: Matthew Lee Director of COGCC Date: 10/30/2012

**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.

Attachment Check List

Att Doc Num	Name
400327315	FORM 2A SUBMITTED
400327325	LOCATION PICTURES
400327326	WELL LOCATION PLAT
400327327	REFERENCE AREA PICTURES
400327328	ACCESS ROAD MAP
400327329	CONST. LAYOUT DRAWINGS
400327330	HYDROLOGY MAP
400327331	LOCATION DRAWING
400327332	REFERENCE AREA MAP
400327453	NRCS MAP UNIT DESC
400327456	NRCS MAP UNIT DESC
400333069	DEVIATED DRILLING PLAN

Total Attach: 12 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Per operator corrected surface and minerals information. Final Review Completed. No LGD or public comment received.	10/29/2012 10:01:21 AM
Permit	Added related form 2. Requested surface and minerals information. Initial review complete 2 and 2A compared.	10/11/2012 12:58:32 PM
OGLA	Added 1 drilling pit to the location - the drilling pit is a freshwater storage pit; removed the plant community and reference area information	10/4/2012 11:06:34 AM
Permit	Operator corrected well surety and surface surety bond ID numbers. Operator checked land use as crop land and included information for non-crop land use, because operator was unsure per our phone discussion 10/2/12. This form passed completeness.	10/3/2012 11:32:57 PM
Permit	Return to Draft: 1. Well surety bond # does not match COGCC database files. 2. Surface surety bond # does not match COGCC database files. 3. NRCS map units for Non-crop Rangeland is attached and Plant Community Section is completed, but Non-crop Rangeland is not marked; please indicate if land use is also Non-crop Rangeland.	10/1/2012 10:24:20 AM

Total: 5 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Drilling/Completion Operations	<p>Operator will ensure 110 percent secondary containment for any volume of fluids contained at the well site during drilling and completion. Operator will implement best management practices to contain any unintentional release of fluids.</p> <p>Fresh water for the Fresh Water Storage Pit comes from a water provider; water sources permitted for consumable industrial use.</p>
Planning	<p>Form 15 Pit Report will be submitted within 30 days of construction of the fresh water storage pit.</p>
Construction	<p>Operator has designed the well pad with inslopping and a storm water control ditch to prevent storm water run-on/run-off and the release of fluids for the location. See attached Construction Layout Drawing.</p> <p>The location will be fenced and the fenced area will include the Fresh Water Storage Pit.</p> <p>The COGCC will be notified 48 hours prior to construction of the Fresh Water Storage Pit.</p>

Total: 3 comment(s)