

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:

400337393

Date Received:

10/19/2012

Oil and Gas Location Assessment

New Location

Amend Existing Location

Location#: 309789

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:

**309789**

Expiration Date:

**11/28/2015**

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: 10051

Name: APOLLO OPERATING LLC

Address: 1538 WAZEE ST STE 200

City: DENVER State: CO Zip: 80202

3. Contact Information

Name: TANYA CARPIO

Phone: (303) 830-0888 X.201

Fax: (303) 830-2818

email: TCARPIO@APOLLOOPERATING.COM

4. Location Identification:

Name: R & R FARMS

Number: 21-31

County: WELD

Quarter: NENW Section: 31 Township: 5N Range: 63W Meridian: 6 Ground Elevation: 4582

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: 661 feet FNL, from North or South section line, and 1979 feet FWL, from East or West section line.

Latitude: 40.361370 Longitude: -104.481320 PDOP Reading: 1.5 Date of Measurement: 10/15/2012

Instrument Operator's Name: BRIAN ROTTINGHAUS

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

Special Purpose Pits: <input type="checkbox"/>	Drilling Pits: <input type="checkbox"/>	Wells: <input type="text" value="2"/>	Production Pits: <input type="checkbox"/>	Dehydrator Units: <input type="checkbox"/>
Condensate Tanks: <input type="checkbox"/>	Water Tanks: <input type="checkbox"/>	Separators: <input type="checkbox"/>	Electric Motors: <input type="checkbox"/>	Multi-Well Pits: <input type="checkbox"/>
Gas or Diesel Motors: <input type="checkbox"/>	Cavity Pumps: <input type="checkbox"/>	LACT Unit: <input type="checkbox"/>	Pump Jacks: <input type="checkbox"/>	Pigging Station: <input type="checkbox"/>
Electric Generators: <input type="checkbox"/>	Gas Pipeline: <input type="checkbox"/>	Oil Pipeline: <input type="checkbox"/>	Water Pipeline: <input type="checkbox"/>	Flare: <input type="checkbox"/>
Gas Compressors: <input type="checkbox"/>	VOC Combustor: <input type="checkbox"/>	Oil Tanks: <input type="checkbox"/>	Fuel Tanks: <input type="checkbox"/>	

Other: \_\_\_\_\_

6. Construction:

Date planned to commence construction: 12/15/2012 Size of disturbed area during construction in acres: 3.20  
 Estimated date that interim reclamation will begin: 03/15/2013 Size of location after interim reclamation in acres: 1.50  
 Estimated post-construction ground elevation: 4582 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: \_\_\_\_\_ Phone: \_\_\_\_\_  
 Address: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Address: \_\_\_\_\_ Email: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Date of Rule 306 surface owner consultation: 10/10/2012  
 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 20080044

**8. Reclamation Financial Assurance:**

Well Surety ID: 20060105  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: 1610, public road: 635, above ground utilit: 795  
 , railroad: 4275, property line: 421

**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: NUNN CLAY LOAM, 0 TO 1 PERCENT SLOPES

NRCS Map Unit Name: COLOMBO CLAY LOAM, 0 TO 1 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: 421, water well: 1348, depth to ground water: 22

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:

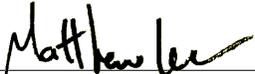
DISTANCE TO NEAREST SURFACE WATER WAS REFERENCED TO CREEK 421' NW. DISTANCE TO NEAREST WATER WELL AND DEPTH TO GROUND WATER WAS REFERENCED FROM RECEIPT 2007112, PERMIT #2007112-AB, SESW, SEC. 30, T5N, R63W.

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

Signed: \_\_\_\_\_ Date: 10/19/2012 Email: TCARPIO@APOLLOOPERATING.COM

Print Name: TANYA CARPIO Title: OFFICE MANAGER

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: 11/29/2012

**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.

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**Attachment Check List**

Att Doc Num	Name
2233136	MULTI-WELL PLAN
2233137	MULTI-WELL PLAN
400337393	FORM 2A SUBMITTED
400337396	LOCATION PICTURES
400337398	LOCATION DRAWING
400337399	HYDROLOGY MAP
400337403	NRCS MAP UNIT DESC
400337404	NRCS MAP UNIT DESC
400337407	WASTE MANAGEMENT PLAN
400337530	ACCESS ROAD MAP

Total Attach: 10 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Final Review	Form 2A for related facilities IN PROCESS (Doc # 400347945); previous facilities Form 2A (400337346) withdrawn. This form taken off Hold for final approval.	11/28/2012 10:37:54 PM
Final Review	placed on hold for clarification of related facilities, and withdrawn forms.	11/26/2012 4:33:19 PM
Permit	Final Review Completed. No LGD or public comment received.	11/20/2012 7:19:57 AM
OGLA	Changed depth to water and distance to nearest water well. Water well noted by Operator is an abandoned water well. Production from this well pad will flow to the R&R Farms N2 Facility (400337346).	11/12/2012 2:35:47 PM
Permit	Attached new multi-well plans per operator. Operator changing BHL on well. Doc #400337336 withdrawn per operator.	11/9/2012 6:55:15 AM
Permit	Changed right to construct to bond to match form 2's. Form 2 and 2A's compared initial review complete.	10/31/2012 7:21:43 AM
Permit	This form passed completeness.	10/22/2012 2:42:05 PM

Total: 7 comment(s)

**BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>

Total: 0 comment(s)