

**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:

400058947

**Oil and Gas Location Assessment**☐ New Location ☒ Amend Existing Location Location#: 335979

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:

**335979**

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: 10091  
Name: BERRY PETROLEUM COMPANY  
Address: 1999 BROADWAY STE 3700  
City: DENVER State: CO Zip: 80202

**3. Contact Information**

Name: JANNI KEIDEL  
Phone: (303) 999-4225  
Fax: (303) 999-4325  
email: jek@bry.com

**4. Location  
Identification:**

Name: SCHOOL HOUSE POINT OM "L15 696" Pad Number: 11C L15 696  
County: GARFIELD  
QuarterQuarter: NWSW Section: 15 Township: 6S Range: 96W Meridian: 6 Ground Elevation: 8403

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: 1845 feet, from North or South section line: FSL and 1274 feet, from East or West section line: FWL  
Latitude: 39.520767 Longitude: -108.100178 PDOP Reading: 2.2 Date of Measurement: 05/09/2007

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

Special Purpose Pits:  Drilling Pits:  Wells:  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 RIG TEMPORARY ON LOCATION FOR 10 DAYS PER WELL. SEPARTORS USED WILL BE: 2 QUADS, 1 DBL. TEMPORARY OFFICE AND HOUSING.

6. Construction:

Date planned to commence construction: 12/01/2010 Size of disturbed area during construction in acres: 8.41  
Estimated date that interim reclamation will begin: 08/01/2011 Size of location after interim reclamation in acres: 7.37  
Estimated post-construction ground elevation: 8391 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: ENCANA O&G (USA) INC. Phone: \_\_\_\_\_  
Address: 370 17TH STREET, SUITE # 1700 Fax: \_\_\_\_\_  
Address: \_\_\_\_\_ Email: \_\_\_\_\_  
City: DENVER State: CO Zip: 80202 Date of Rule 306 surface owner consultation: 06/29/2010  
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 20040106

8. Reclamation Financial Assurance:

☒ Well Surety ID: 20040105 ☒ Gas Facility Surety ID: 20040107 ☐ 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: 13534, public road: 7180, above ground utilit: 13171  
, railroad: 17359, property line: 2691

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: #53 PARACHUTE-RHONE LOAMS, 5 TO 30 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: 05/09/2007  
List individual species: SAGE BRUSH. SERVICE BERRIES. NATIVE GRASSES

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: 11441, water well: 7234, depth to ground water: 95  
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 Supply 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:

I certify that there have been no changes on land use, lease description. Pad has been built. Pit has been constructed. Wells have not been drilled. Conductors have not been set. No rig on site. The refile will not require any expansion / additional surface disturbance of pad. The location does not require a variance from any of the rules listed in Rule 306.d. (1). (A). (ii). The location is not in a restricted surface occupancy area. The location is not in a sensitive wildlife habitat area. The production casing Top of Cement will be 200' above the Top of Gas. Well name was changed per sundry dated 5/11/2010. Berry Petroleum Company will be doing closed loop operations. Proposed BMP's have been attached as a separate document.

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

Signed: \_\_\_\_\_ Date: \_\_\_\_\_ Email: jek@bry.com

Print Name: JANNI KEIDEL Title: PERMITTING AGENT

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
400070152	ACCESS ROAD MAP	Access Road Map (Topo #B1).pdf
400070155	TOPO MAP	Access Road Map (Topo A) - L15 696 Pad.pdf
400070157	TOPO MAP	Access Road Map (Topo B2) L15 696 Pad.pdf
400070158	CONST. LAYOUT DRAWINGS	Construction Layout Cross Section - L15 696 Pad.pdf
400070159	CONST. LAYOUT DRAWINGS	Construction Layout Drawing - L15 696 Pad.pdf
400070160	OTHER	Current Footages for RR, Road, Utility - L15 696 Pad.pdf
400070161	LOCATION DRAWING	Location Drawing - L15 696 Pad.pdf
400070163	HYDROLOGY MAP	Water Wells Topographic Map (Topo W) - L15 696 Pad.pdf
400070164	CONST. LAYOUT DRAWINGS	Rig Layout Drawing - L15 696 Pad.pdf
400070165	TOPO MAP	Proposed Location Topographic Map (Topo C) - L15 696 Pad.pdf
400070924	NRCS MAP UNIT DESC	Soil Report - L15 696 Pad.pdf
400073039	MULTI-WELL PLAN	Multi Well Plan - L15 696 Pad.pdf
400073040	PROPOSED BMPs	Proposed BMP's -School House Point L15 696 Pad.pdf
400073041	EQUIPMENT LIST	Equipment List - L15 696 Pad.pdf
400073631	LOCATION PICTURES	Location Pictures - L15 696 Pad.pdf
400073633	REFERENCE AREA PICTURES	Reference Area Pictures - L15 696 Pad.pdf

Total Attach: 16 Files