

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:  
400058965

Oil and Gas Location Assessment

New Location  Amend Existing Location Location#: 413574

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:  
**413574**  
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: MILK CABIN OM "P32 595" PAD Number: OM01A P32 595  
County: GARFIELD  
Quarter: SESE Section: 32 Township: 5S Range: 95W Meridian: 6 Ground Elevation: 8358  
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: 831 feet, from North or South section line: FSL and 438 feet, from East or West section line: FEL  
Latitude: 39.565347 Longitude: -108.070178 PDOP Reading: 2.7 Date of Measurement: 08/31/2006

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: 08/01/2010 Size of disturbed area during construction in acres: 4.94  
Estimated date that interim reclamation will begin: 05/01/2011 Size of location after interim reclamation in acres: 4.78  
Estimated post-construction ground elevation: 8353 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: 06/10/2010  
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: 31, public road: 11, above ground utilit: 12  
, railroad: 33, property line: 6

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: 08/31/2006  
List individual species: OAK BRUSH, SAGE BRUSH AND 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: 7, water well: 7, 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:

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 in a sensitive wildlife habitat area for Elk Production. The production casing Top of Cement will be 200' above the Top of Gas. BMP's for this location has 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
400068973	LOCATION PICTURES	Location Photos - P32 595 Pad.pdf
400068974	REFERENCE AREA PICTURES	Reference Area Photos - P32 595 Pad.pdf
400068975	HYDROLOGY MAP	Hydrology Map - P32 595 Pad.pdf
400068976	EQUIPMENT LIST	Equipment List - P32 595 Pad.pdf
400068977	CONST. LAYOUT DRAWINGS	Construction Layout Drawings - P32 595 Pad.pdf
400068978	LOCATION DRAWING	Addendum to Legal Plats - P32 595 Pad.pdf
400068979	ACCESS ROAD MAP	Access Road Map (Topo B) - P32 595 Pad.pdf
400068980	NRCS MAP UNIT DESC	Soil Report - P32 595 Pad.pdf
400068981	LOCATION DRAWING	Current Footage for RR,Utility,Roads,Bldgs - P32 595 Pad.pdf
400068982	CONST. LAYOUT DRAWINGS	Rig Layout Drawing - P32 595 Pad.pdf
400068984	CONST. LAYOUT DRAWINGS	Reclamation Pad & Prod. Equipment Layout Drawing - P32 595 Pad.pdf
400068985	MULTI-WELL PLAN	Multi Well Plan - P32 595 Pad.pdf
400068986	MINERAL LEASE MAP	NP Mineral Lease .pdf
400068987	PROPOSED BMPs	BMP's - P32 595 Pad.pdf
400068988	REFERENCE AREA MAP	Reference Area Map - P32 595 Pad.pdf

Total Attach: 15 Files