

**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: 10091Name: BERRY PETROLEUM COMPANYAddress: 1999 BROADWAY STE 3700City: DENVER State: CO Zip: 80202**3. Contact Information**Name: JANNI KEIDELPhone: (303) 999-4225Fax: (303) 999-4325email: jek@bry.com**4. Location**

Identification:

Name: MILK CABIN OM "P32 595" PADNumber: OM01A P32 595County: GARFIELDQuarterQuarter: 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: FELLatitude: 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 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 refill 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