

FORM  
2

Rev  
12/05

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER \_\_\_\_\_  
SINGLE ZONE ☒ MULTIPLE ZONE ☐ COMMINGLE ZONE ☐

Refiling ☒

Sidetrack ☐

Document Number:

400094867

Plugging Bond Surety

20040105

3. Name of Operator: BERRY PETROLEUM COMPANY

4. COGCC Operator Number: 10091

5. Address: 1999 BROADWAY STE 3700

City: DENVER State: CO Zip: 80202

6. Contact Name: Kallasandra Moran Phone: (303)999-4225 Fax: (303)999-4325  
Email: kmoran@bry-consultant.com

7. Well Name: Long Ridge Well Number: 16D P15 595

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 12463

WELL LOCATION INFORMATION

10. QtrQtr: NESE Sec: 15 Twp: 5S Rng: 95W Meridian: 6

Latitude: 39.610146 Longitude: -108.032334

Footage at Surface: 1297 FNL/FSL FSL 303 FEL/FWL FEL

11. Field Name: Parachute Field Number: 67350

12. Ground Elevation: 8391 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 07/13/2010 PDOP Reading: 2.0 Instrument Operator's Name: Ivan Martin/Construction Surveys

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 136 FSL 298 FEL FEL Bottom Hole: FNL/FSL 136 FSL 298 FEL FEL  
Sec: 15 Twp: 5S Rng: 95W Sec: 15 Twp: 5S Rng: 95W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 22586 ft

18. Distance to nearest property line: 286 ft 19. Distance to nearest well permitted/completed in the same formation: 362 ft

20. LEASE, SPACING AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
Williams Fork	WMFK	510-13		

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: \_\_\_\_\_

22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☒ Yes ☐ No Surface Surety ID#: \_\_\_\_\_

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☒ Yes ☐ No

23b. If 23 is No ☐ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):  
See attached mineral lease map.

25. Distance to Nearest Mineral Lease Line: 298 ft 26. Total Acres in Lease: 25000

### DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling? ☐ Yes ☒ No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling? ☒ Yes ☐ No

30. If questions 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☒ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☐ Offsite ☒ Onsite

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: Total closed loop system

Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
CONDUCTOR	30	20	55	90	100	90	0
SURF	16	9+5/8	36	2,500	1,000	2,500	0
1ST	8+3/4	4+1/2	11.6	12,463	600	12,463	200

32. BOP Equipment Type: ☐ Annular Preventer ☒ Double Ram ☒ Rotating Head ☐ None

33. Comments This well was originally permitted as Long Ridge 01B P15 595 the new name as re-filed is Long Ridge 16D P15 595 (API# 05-045-13097). This well was originally permitted with a SHL location of 1217 FSL & 163 FEL the new SHL as re-filed is 7297 FSL 303 FEL. This well was originally permitted with a BHL location of 440 FNL & 995 FEL the new BHL as re-filed is 136 FSL 298 FEL. 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 a sensitive wildlife habitat area.  
The production casing Top of Cement will be 200' above the Top of Gas.  
Berry Petroleum Company will be using a total closed loop system.

34. Location ID: 335864

35. Is this application in a Comprehensive Drilling Plan ? ☐ Yes ☐ No

36. Is this application part of submitted Oil and Gas Location Assessment ? ☒ Yes ☐ No

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

Signed: \_\_\_\_\_ Print Name: Kallasandra M. Moran

Title: Permit Agent Date: 10/19/2010 Email: kmoran@bry-consultant.com

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: David S. Neslin Director of COGCC Date: 11/13/2010

**API NUMBER**

05 045 13097 00

Permit Number: \_\_\_\_\_

Expiration Date: 11/12/2012

**CONDITIONS OF APPROVAL, IF ANY:**

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

1.COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

2.GARFIELD COUNTY RULISON FIELD NOTICE TO OPERATORS. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE

3.PRODUCTION CASING CEMENT TOP VERIFICATION BY CBL REQUIRED

4.COMPLY WITH ALL PROVISIONS OF THE JUNE 12, 2008 NOTICE TO OPERATORS DRILLING WELLS WITHIN 3/4 MILE OF THE RIM OF THE ROAN PLATEAU IN GARFIELD COUNTY - PIT DESIGN, CONSTRUCTION AND MONITORING REQUIREMENTS. SEE ATTACHED NOTICE.

5.THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 0 FEET DEEP.

**Attachment Check List**

Att Doc Num	Name	Doc Description
400094867	FORM 2 SUBMITTED	LF@2605379 400094867
400094870	MINERAL LEASE MAP	LF@2605380 400094870
400094871	PLAT	LF@2605381 400094871
400094872	TOPO MAP	LF@2605382 400094872
400095083	OTHER	LF@2605383 400095083
400095180	30 DAY NOTICE LETTER	LF@2605384 400095180
400101657	DEVIATED DRILLING PLAN	LF@2605385 400101657

Total Attach: 7 Files

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