

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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Document Number:

400095094

Plugging Bond Surety

20040105

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

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: 16A P15 595

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

9. Proposed Total Measured Depth: 12488

WELL LOCATION INFORMATION

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

Latitude: 39.610226 Longitude: -108.032312

Footage at Surface: 1327 FNL/FSL FSL 297 FEL/FWL FEL

11. Field Name: Parachute Field Number: 67350

12. Ground Elevation: 8391 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 07/12/2010 PDOP Reading: 2.0 Instrument Operator's Name: Ivan Martin/Construction Suevrys

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

Footage at Top of Prod Zone: FNL/FSL 850 FSL 719 FEL/FWL FEL Bottom Hole: FNL/FSL 850 FSL 719 FEL/FWL 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: 326 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 Bon  \$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: 719 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	12,488	600	12,488	200

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

33. Comments This well was originally permitted as the Long Ridge 08B P15 595 the new name as re-filed is Long Ridge 16A P15 595 (API# 05-045-13098). This well was originally permitted with a SHL location of 1262 FSL and 163 FEL the new SHL as re-filed is 1327 FSL and 297 FEL. This well was originally permitted with a BHL location of 1860 FNL and 1000 FEL the new BHL as re-filed is 850 FSL and 719 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: \_\_\_\_\_ 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: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

<b>API NUMBER</b>
05 045 13098 00

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

**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.**

**Attachment Check List**

Att Doc Num	Name	Doc Description
400095098	OTHER	Diesel Use and Cuttings Procedure.PDF
400095099	MINERAL LEASE MAP	Encana Mineral Lease Map.PDF
400095100	PLAT	Long Ridge 16A P15-595 Plat.pdf
400095101	TOPO MAP	LONG RIDGE P15-595 - Topo Map.pdf
400095182	30 DAY NOTICE LETTER	P15 30 Day Letter - Sent 9-22-2010.PDF
400101659	DEVIATED DRILLING PLAN	Berry Petroleum (SESE P15 595) LR16A Plan #1.pdf

Total Attach: 6 Files