

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:  
400117266  
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: 04D D21 595

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

9. Proposed Total Measured Depth: 11911

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 21 Twp: 5S Rng: 95W Meridian: 6  
Latitude: 39.603920 Longitude: -108.067253

Footage at Surface: 963 feet <sup>FNL/FSL</sup> FNL 402 feet <sup>FEL/FWL</sup> FWL

11. Field Name: Parachute Field Number: 67350

12. Ground Elevation: 8263 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 09/16/2010 PDOP Reading: 2.1 Instrument Operator's Name: Ivan Martin / Construction Surveys Inc.

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

Footage at Top of Prod Zone: <sup>FNL/FSL</sup> 795 FNL 694 FWL <sup>FEL/FWL</sup> 795 FNL 694 FWL  
Sec: 21 Twp: 5S Rng: 95W Sec: 21 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: 13118 ft

18. Distance to nearest property line: 3491 ft 19. Distance to nearest well permitted/completed in the same formation: 314 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: 695 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	Wt/Ft	Csg/Line Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	30	20	55	0	90	100	90	0
SURF	16	9+5/8	36	0	2,500	1,000	2,500	0
1ST	7+7/8	4+1/2	11.6		11,911	600	11,911	

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

33. Comments This is a new well, no API exists. The pad has been built. The proposed well has not been drilled. The conductor has not been set. No rig on site. 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.

34. Location ID: 335673

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: 12/16/2010 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: 1/9/2011

<b>API NUMBER</b> 05 045 20321 00	Permit Number: _____	Expiration Date: <u>1/8/2013</u>
<b>CONDITIONS OF APPROVAL, IF ANY:</b>		

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) THE NEARBY HILLSIDE MUST BE MONITORED FOR ANY DAY LIGHTING DRILLING FLUIDS THROUGHOUT THE DRILLING OF THE SURFACE CASING INTERVAL.
- 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 1 MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 000 FEET DEEP.

### Attachment Check List

Att Doc Num	Name
400117266	FORM 2 SUBMITTED
400117417	DEVIATED DRILLING PLAN
400117418	OTHER
400117419	MINERAL LEASE MAP
400117420	PLAT
400117421	TOPO MAP
400117422	30 DAY NOTICE LETTER

Total Attach: 7 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	spacing order confirmed per KM. 045-11341 Long Ridge 04D M16 595 has been abandoned 1/6/11. correcting the number of bottom holes in qtr/qtr. Confirmed property line 3491' per KM. plg.	1/6/2011 12:57:10 PM
Permit	ON HOLD. Requested confirmation of spacing order. Too many bottom holes in qtr/qtr. Checking to see if BHL from M16 pad is moving. plg.	12/28/2010 3:24:01 PM

Total: 2 comment(s)

### BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)