

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:

400060497

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: 11A N15 595

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 12615

WELL LOCATION INFORMATION

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

Latitude: 39.608927 Longitude: -108.042694

Footage at Surface: 857 FNL/FSL FSL 2047 FEL/FWL FWL

11. Field Name: PARACHUTE Field Number: 67350

12. Ground Elevation: 8385 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 06/22/2010 PDOP Reading: 2.4 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 2494 FSL 2126 FWL FWL Bottom Hole: FNL/FSL 2494 FSL 2126 FWL FWL
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: 19727 ft

18. Distance to nearest property line: 3219 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		SESW

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):
PLEASE SEE MINERAL LEASE MAP ATTACHED TO ORIGINAL APD.

25. Distance to Nearest Mineral Lease Line: 1468 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: Closed Loop

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
3RD	8+3/4	4+1/2	11.6	12,615	600	12,615	

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

33. 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 not in a sensitive wildlife habitat area. The production casing Top of Cement will be 200' above the Top of Gas. Please Note: The well name has been changed from Long Ridge 14A N15 595 to Long Ridge 11A N15 595. The BHL has been changed from 1320' FSL 2360' FWL to 2494' FSL 2126' FWL.

34. Location ID: 335835

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: 8/24/2010 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: 9/29/2010

Permit Number: _____ Expiration Date: 9/28/2012

API NUMBER

05 045 12930 00

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) 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	Doc Description
1693623	DEVIATED DRILLING PLAN	LF@2547030 1693623
2511407	OTHER	LF@2547174 2511407
400060497	FORM 2 SUBMITTED	LF@2528999 400060497
400086670	30 DAY NOTICE LETTER	LF@2529000 400086670
400086671	MINERAL LEASE MAP	LF@2529001 400086671
400086672	TOPO MAP	LF@2529002 400086672
400086673	PLAT	LF@2529003 400086673

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Received Directional Survey.	9/27/2010 2:58:37 PM
Permit	Request Directional Survey. Changed Line 29: will salt or oil based mud be used during drilling to YES. and Line 24: Distance to nearest Mineral Lease line to 1468' to match well plat.	9/27/2010 11:27:24 AM

Total: 2 comment(s)

Error: Subreport could not be shown.