

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:

400108645

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: Chevron Well Number: 29-1D

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

9. Proposed Total Measured Depth: 9890

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 29 Twp: 5S Rng: 96W Meridian: 6

Latitude: 39.585427 Longitude: -108.188320

Footage at Surface: 2391 feet FNL/FSL 1375 feet FEL/FWL FEL

11. Field Name: Grand Valley Field Number: 31290

12. Ground Elevation: 7962 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 03/28/2008 PDOP Reading: 2.2 Instrument Operator's Name: Robert Wood / Consutruction Surveys Inc.

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

Footage at Top of Prod Zone: FNL/FSL FNL/FWL Bottom Hole: FNL/FSL FNL/FWL
2518 FNL 1917 FWL 2518 FNL 1917 FWL
Sec: 29 Twp: 5S Rng: 96W Sec: 29 Twp: 5S Rng: 96W

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: 14475 ft

18. Distance to nearest property line: 1067 ft 19. Distance to nearest well permitted/completed in the same formation: 259 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	510-18	320	N/2

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: 3356 ft 26. Total Acres in Lease: 4622

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		90	100	90	0
SURF	16	9+5/8	36		2,000	1,000	2,000	0
1ST	8+3/4	4+1/2	11.6					200
2ND	7+3/4	4+1/2	11.6		9,890	600	9,890	

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. The pad has NOT been built. The proposed well has not been drilled. 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 in a restricted surface occupancy area for greater Sage Grouse production. The location is in a sensitive wildlife habitat area for greater Sage Grouse production and Elk production. The production casing Top of Cement will be at least 200' above the Top of Gas. Berry Petroleum Company will be using a total closed loop system (See attached description.)

34. Location ID: 335968

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: 11/15/2010 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: 12/29/2010

Permit Number: _____ Expiration Date: 12/28/2012

API NUMBER

05 045 17182 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) CEMENT-TOP VERIFICATION BY CBL REQUIRED.

(4) RESERVE PIT MUST BE LINED.

(5) THE MOISTURE CONTENT OF ANY DRILL CUTTINGS IN A CUTTINGS PIT, TRENCH, OR PILE SHALL BE AS LOW AS PRACTICABLE TO PREVENT ACCUMULATION OF LIQUIDS GREATER THAN DE-MINIMIS AMOUNTS. AT THE TIME OF CLOSURE, THE DRILL CUTTINGS MUST ALSO MEET THE APPLICABLE STANDARDS OF TABLE 910-1.

(6) 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 00 FEET DEEP.

Attachment Check List

Att Doc Num	Name
400108645	FORM 2 SUBMITTED
400108648	DEVIATED DRILLING PLAN
400108649	PLAT
400108650	TOPO MAP
400108651	MINERAL LEASE MAP
400108652	OTHER

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Changed distance to property line to 1067' as submitted on well plat. Changed spacing order from 510-13 to 510-18, 320, N/2 per KM.	11/23/2010 11:05:05 AM

Total: 1 comment(s)

BMP

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

Total: 0 comment(s)