

FORM

2

Rev  
12/05

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400428783

Date Received:

06/04/2013

## APPLICATION FOR PERMIT TO:

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

## 2. TYPE OF WELL

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

Refiling ☒Sidetrack ☐

PluggingBond SuretyID

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: HEIDI BANG Phone: (303)999-4262 Fax: (303)999-4362

Email: HSB@BRY.COM

7. Well Name: CHEVRON Well Number: 31-3D

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

9. Proposed Total Measured Depth: 9641

## WELL LOCATION INFORMATION

10. QtrQtr: NESE Sec: 31 Twp: 5S Rng: 96W Meridian: 6

Latitude: 39.568465 Longitude: -108.204553

Footage at Surface: 1490 feet FNL/FSL 671 feet FEL/FWL  
 FSL FEL

11. Field Name: GRAND VALLEY Field Number: 31290

12. Ground Elevation: 8404 13. County: GARFIELD

## 14. GPS Data:

Date of Measurement: 09/27/2007 PDOP Reading: 2.5 Instrument Operator's Name: ROBERT WOOD

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

Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL  
 939 FSL 820 FEL 939 FSL 820 FEL  
 Sec: 31 Twp: 5S Rng: 96W Sec: 31 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: 25386 ft

18. Distance to nearest property line: 623 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 371 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, 48	320	S/2

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: \_\_\_\_\_22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. 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 ☐ No23b. 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 LEASE MAP ATTACHED TO ORIGINAL APD

25. Distance to Nearest Mineral Lease Line: 940 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 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☒ No

31. Mud disposal: ☐ Offsite ☒ Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: TOTAL 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	Wt/Ft	Csg/Liner 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	2000	1000	2000	0
1ST	8+3/4	4+1/2	11.6	0	9641	600	9641	200

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

33. Comments I CERTIFY THAT THERE HAVE BEEN NO CHANGES IN LAND USE, LEASE DESCRIPTION EXCEPT for a few slight changes on the footages. Footages and lat/longs have slightly changed from original approved APD. Surface location has been moved 60' from previous APD. Please see Revised plat attached. There are no other changes from previous APD. PAD HAS BEEN BUILT, CONDUCTOR SET. NO RIG ON SITE. 2 WELLS CURRENTLY PRODUCING ON THIS PAD. The pits have been constructed. The refile will not require any expansion/additional surface disturbance of the pad. 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 sensitive wildlife habitat area for Greater Sage Grouse Production.

34. Location ID: 335964

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: HEIDI BANG

Title: REG COMPLIANCE ASST Date: 6/4/2013 Email: HSB@BRY.COM

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: Matthew Lee Director of COGCC Date: 11/9/2013

API NUMBER

05 045 15698 00

Permit Number: \_\_\_\_\_ Expiration Date: 11/8/2015

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.

**Description**

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

(2) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE GARFIELD COUNTY RULISON-FIELD NOTICE TO OPERATORS IS REQUIRED.

(3) CEMENT ON PRODUCTION CASING MUST BE A MINIMUM OF 200' ABOVE THE TOP OF THE MESA-VERDE FORMATION (OR 200' ABOVE THE OHIO CREEK FORMATION IF PRESENT). CEMENT TOP VERIFICATION BY CBL IS REQUIRED.

**Applicable Policies and Notices to Operators**

Piceance Rulison Field - Notice to Operators.

NW Colorado Notification Policy.

Notice Concerning Operating Requirements for Wildlife Protection.

**Attachment Check List****Att Doc Num**      **Name**

400428783	FORM 2 SUBMITTED
400428801	PLAT

Total Attach: 2 Files

**General Comments****User Group**      **Comment****Comment Date**

Engineer	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.	10/31/2013 10:17:12 AM
Permit	ON HOLD waiting on Sundry concerning conductor pipe. Sundry received 10/30/13.	6/11/2013 11:48:06 AM
Permit	Pending other approvals. Added 510-48 to Spacing Orders. Operator has moved surface location 60'. Entire Section 31 is included in large lease and BHL meets spacing order, so 60' sfc loc move will cause no problems.	6/10/2013 3:05:13 PM
Permit	Plat has been revised and operator commented that SHL has moved. Permitter does not require a new Deviated Drilling Plan. This form has passed completeness.	6/10/2013 9:19:43 AM
Permit	Returned to DRAFT. The lat/longs don't match the previously approved lat/longs. The plat states, at the bottom, that NAD 83 were used but on the upper part of the plat it has NAD 27 values. Requested operator review. Some 61' difference between SHL's might require a new Deviated drilling plan.	6/5/2013 11:54:55 AM

Total: 5 comment(s)

**Best Management Practices****No BMP/COA Type****Description**

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