

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:

400428816

Date Received:

06/04/2013

PluggingBond SuretyID

20040105

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

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: 31-4D

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

9. Proposed Total Measured Depth: 9620

WELL LOCATION INFORMATION

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

Latitude: 39.568484 Longitude: -108.204485

Footage at Surface: 1496 feet FSL 651 feet FEL

11. Field Name: GRAND VALLEY Field Number: 31290

12. Ground Elevation: 8404 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 09/24/2007 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 _____
1224 FSL 630 FEL 1224 FSL 630 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: 595 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 321 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 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 LEASE MAP ATTACHED TO ORIGINAL APD

25. Distance to Nearest Mineral Lease Line: 1225 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	9620	600	9620	

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 68' from previous APD. Please see Revised plat attached. There are no other changes from previous APD. PAD HAS BEEN BUILT, SIX UNUSED CONDUCTORS ARE 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	Permit Number: _____	Expiration Date: <u>11/8/2015</u>
05 045 15702 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.

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**

400428816 FORM 2 SUBMITTED

400428866 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 10:18:16 AM
Permit	ON HOLD waiting on Sundry concerning conductor pipe. Sundry received 10/30/13	6/11/2013 11:47:17 AM
Permit	Pending other approvals. Operator has made slight adjustment to surface location, moving it 68' from original APD. Added Spacing Order 510-48 to Objective Formation panel.	6/10/2013 2:34:48 PM
Permit	Well location plat and lat/long match, This form has passed completeness.	6/10/2013 8:38:08 AM
Permit	Returned to DRAFT. The lat/long on this APD matches the previously approved APD, but they don't match the lat/long on the Well location Plat. It's NAD 27, again, maybe that is the difference. Requested new well location plat.	6/5/2013 12:06:38 PM

Total: 5 comment(s)

Best Management Practices

No BMP/COA Type

Description

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