

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:

400234963

Date Received:

01/03/2012

PluggingBond SuretyID

20040105

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL ☐ GAS ☐ COALBED ☐ OTHER Injection Well
SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐Refiling ☐Sidetrack ☐3. Name of Operator: BERRY PETROLEUM COMPANY4. COGCC Operator Number: 100915. Address: 1999 BROADWAY STE 3700City: DENVER State: CO Zip: 802026. Contact Name: HEIDI BANG Phone: (303)999-4262 Fax: (303)999-4362Email: HSB@BRY.COM7. Well Name: Latham Well Number: 29-17D

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

9. Proposed Total Measured Depth: 9635

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 29 Twp: 5S Rng: 96W Meridian: 6Latitude: 39.579864 Longitude: -108.191601Footage at Surface: 356 feet FNL/FSL 2289 feet FEL/FWL FEL11. Field Name: GRAND VALLEY Field Number: 3129012. Ground Elevation: 7918.9 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 05/09/2008 PDOP Reading: 1.9 Instrument Operator's Name: ROBERT WOOD15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**Footage at Top of Prod Zone: FNL/FSL 211 FSL 695 FEL 194 FEL/FWL 541 FEL 194
Sec: 29 Twp: T5S Rng: 96W Sec: 29 Twp: T5S Rng: 96W16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 4 mi18. Distance to nearest property line: 991 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 4 mi

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.)
OHIO CREEK	OHCRK			

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):

SEE LEASE MAP ATTACHED TO ORIGINAL APD. See operator's comments.

25. Distance to Nearest Mineral Lease Line: 755 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: _____

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		0	120	100	120	0
SURF	16	9+5/8		0	2,473	1,222	2,473	0
1ST	7+7/8	4+1/2		0	9,826	616	9,826	3,420

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

33. Comments IT IS BERRY OWNED SURFACE SO THEREFORE WE DON'T NEED TO SUBMIT A SURFACE OWNER AGREEMENT.

34. Location ID: 335836

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: REGULATORY COMPLIANCE AST Date: 1/3/2012 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: David S. Neslin Director of COGCC Date: 1/30/2012

API NUMBER

05 045 13648 00

Permit Number: _____ Expiration Date: 1/29/2014

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) 24 HOUR NOTICE TO MOVE ON LOCATION REQUIRED. E-MAIL: Shaun.Kellerby@state.co.us

2) APPROVAL OF THIS FORM DOES NOT AUTHORIZE INJECTION. AUTHORIZATION TO INJECT REQUIRES APPROVAL OF FORM 31 AND FORM 33.

3) BEFORE STIMULATING THE WELL, CAPTURE A WATER SAMPLE FROM THE WILLIAMS FORK FORMATION AND ANALYZE FOR TOTAL DISSOLVED SOLIDS. SUBMIT LAB ANALYSIS TO DENISE ONYSKIW AT DENISE.ONYSKIW@STATE.CO.US

4) 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
400234963	APD APPROVED
400258824	FORM 2 SUBMITTED

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	sundry for injection well #2617456 approved in eng. LGD/public comments waived. Final Comprehensive Review Status--passed.	1/30/2012 11:06:35 AM
Permit	off hold--per oper.'s emailed instructions changed dist. to nearest well to 4 mi., nearest prop. line to 991', nearest min. lease to 755', removed WMFK as obj. fm. and changed to OHCRK. changed #22b to "N/A" since Berry owns surface. will approve when sundry is approved.	1/11/2012 11:13:58 AM
Permit	on hold--need answer to #29, obj fm. should be WSTCH, added related sundry #2617456. don't agree w/ dist. to nearest prop. line or min. lease line (should be 2289' and 541'). distance to nearest well in Ohio Creek?	1/4/2012 11:24:25 AM
Permit	Operator answered #36. This form has passed completeness.	1/3/2012 3:12:07 PM
Permit	Returned to draft. Missing #36.	1/3/2012 9:03:10 AM

Total: 5 comment(s)

BMP

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

Total: 0 comment(s)