

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



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Date Received:

04/09/2013

PluggingBond SuretyID

20120018

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: BONANZA CREEK ENERGY OPERATING COMPANY LLC

4. COGCC Operator Number: 8960

5. Address: 410 17TH STREET SUITE #1400

City: DENVER State: CO Zip: 80202

6. Contact Name: Randy Edelen Phone: (720)440-6100 Fax: (720)2331

Email: REdelen@bonanzacrk.com

7. Well Name: State Antelope Well Number: 41-44-30HNB

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

9. Proposed Total Measured Depth: 10974

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 30 Twp: 5N Rng: 62W Meridian: 6

Latitude: 40.376420 Longitude: -104.359730

Footage at Surface: 480 feet FNL/FSL 838 feet FEL/FWL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4662 13. County: WELD

14. GPS Data:

Date of Measurement: 02/18/2013 PDOP Reading: 2.2 Instrument Operator's Name: Wyatt Hall

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

Footage at Top of Prod Zone: FNL/FSL 631 FNL 637 FEL 470 FSL 631 FEL 470
Bottom Hole: FNL/FSL 631 FNL 637 FEL 470 FSL 631 FEL 470
Sec: 30 Twp: 5N Rng: 62W Sec: 30 Twp: 5N Rng: 62W

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: 427 ft

18. Distance to nearest property line: 480 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 750 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.)
Niobrara	NBRR		160	GWA

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):

5N-62W-30 Lots 1-4, E/2W/2, E/2 (All)

25. Distance to Nearest Mineral Lease Line: 470

26. Total Acres in Lease: 640

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
SURF	13+1/2	9+5/8	36.00	0	410	200	410	0
1ST	8+3/4	7	26.00	0	6,848	500	6,848	2,500
1ST LINER	6+1/8	4+1/2	11.60	6748	10,974			

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

33. Comments Conductor casing will not be used. Operator requests an exception location per rule 318Aa and rule 318Ac: well will not be drilled in a legal drilling window or twinned with an existing well. Waivers attached. Per rule 318Ae, the Operator requests the proposed spacing unit consisting of 160 acres, 5N-62W-30 E/2E/2 Proposed spacing unit map and 30-day certificate is attached. No offset wells within 500 feet of this proposed well; therefore an Offset Well Evaluation sheet is not required.

34. Location ID: _____

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: Randy Edelen

Title: Regulatory Specialist

Date: 4/9/2013

Email: REdelen@bonanzacrk.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: _____

Director of COGCC

Date: 5/20/2013

API NUMBER

05 123 37406 00

Permit Number: _____ Expiration Date: 5/19/2015

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.

- 1) Provide 48 hour notice prior to spud via electronic Form 42.
- 2) Provide cement coverage to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection.

Policy for Bradenhead Monitoring During Hydraulic Fracturing Treatments in the Greater Wattenberg Area.

Attachment Check List

Att Doc Num	Name
400401541	FORM 2 SUBMITTED
400401758	WELL LOCATION PLAT
400401759	DEVIATED DRILLING PLAN
400401760	DIRECTIONAL DATA
400401850	EXCEPTION LOC WAIVERS
400401851	PROPOSED SPACING UNIT
400401852	EXCEPTION LOC REQUEST
400401853	PROPOSED SPACING UNIT

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	State Land Board has signed the Surface Owner Waivers and bonding is in order.	5/20/2013 5:24:32 AM
Final Review	ON HOLD - needs confirmation of bonding from State Land Board	5/19/2013 10:35:27 AM
Final Review	Corrected Unit Configuration from E/2E/2 to GWA	5/19/2013 10:28:58 AM
Permit	Final review completed. No LGD or public comments.	5/8/2013 8:59:32 AM
Engineer	No existing wells within 500' of proposed directional.	4/22/2013 2:30:59 PM
Permit	This form has passed completeness.	4/10/2013 10:32:03 AM

Total: 6 comment(s)

BMP

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