

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:

400305194

Date Received:

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

20120018

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: Erin Ekblad Phone: (720)440-6100 Fax: (720)279-2331
Email: eeekblad@bonanzacrk.com

7. Well Name: Latham Well Number: G-2

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

9. Proposed Total Measured Depth: 6758

WELL LOCATION INFORMATION

10. QtrQtr: SWNW Sec: 2 Twp: 4N Rng: 63W Meridian: 6

Latitude: 40.341660 Longitude: -104.411870

Footage at Surface: 2601 feet FNL/FSL 789 feet FEL/FWL FNL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4529 13. County: WELD

14. GPS Data:

Date of Measurement: 04/20/2012 PDOP Reading: 1.7 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 FEL/FWL Bottom Hole: FNL/FSL FEL/FWL
1480 FNL 1242 FWL 1480 FNL 1242 FWL
Sec: 2 Twp: 4N Rng: 63W Sec: 2 Twp: 4N Rng: 63W

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: 389 ft

18. Distance to nearest property line: 789 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 242 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-Codell	NB-CD		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#: 20120019

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):

Section 2: N/2NW/4, NE/4, NE/4SE/4; that part of the S/2NW/4, NE/4SW/4, NW/4SE/4, S/2SE/4 lying North of the Union Pacific Railroad right-of-way; That part of the S/2NW/4, NE/4SW/4, NW/4SE/4, S/2SE/4 lying South of the Union Pacific Railroad right-of-way; W/2SW/4, SE/4SW/4

25. Distance to Nearest Mineral Lease Line: 1242 ft

26. Total Acres in Lease: 662

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	12+1/4	8+5/8	24	0	410	170	410	0
1ST	7+7/8	4+1/2	11.6	0	6,758	112	6,758	6,141

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

33. Comments Conductor casing will not be used. GWA spacing unit, NW/4 Section 2 T4N-R63W, 160 acres.

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: Erin Ekblad

Title: Regulatory Analyst Date: _____ Email: eeekblad@bonanzacrk.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: _____ Director of COGCC Date: _____

API NUMBER

05

Permit Number: _____ Expiration Date: _____

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.

Attachment Check List

Att Doc Num	Name
400305195	PLAT
400305197	DEVIATED DRILLING PLAN
400305198	DIRECTIONAL DATA

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Drilling/Completion Operations	<p>Operator will comply with COGCC Policy for Bradenhead Monitoring During Hydraulic Fracturing Treatments in the Greater Wattenberg Area dated May 29, 2012. The Colorado Oil and Gas Conservation Commission (COGCC) has established this Policy Regarding Bradenhead Monitoring During Hydraulic Fracturing Treatments ("Treatment") in the Greater Wattenberg Area ("GWA") pursuant to COGCC 207.a. ("Policy"). This Policy applies to oil and gas operations in the GWA as defined by the COGCC Rules of Practice and Procedure.</p> <p>1. At least twenty (20) days prior to initiating a Treatment, the operator ("Operator") shall provide written notice, via hand delivery, via confirmed receipt email, or via certified mail, return-receipt requested, to all adjacent operators ("Adjacent Operators") where the Adjacent Operator's wellbore is located within 300 feet of the Operator's wellbore and the Adjacent Operator's wellbore penetrates the productive zone which is to be treated by the Operator. Such notice shall include the anticipated date of the Treatment and shall provide a copy of this Policy.</p> <p>2. Within seven (7) days of receipt of such notice, the Adjacent Operator shall confirm in writing to the Operator that it will comply with this Policy. If the Adjacent Operator refuses to confirm that it will comply with this Policy, or fails to timely respond to the Operator's notice, the Operator shall advise the Commission staff of such refusal or failure by email. The Commission may then order the Adjacent Operator's compliance.</p> <p>3. The Operator shall monitor the bradenhead pressure of all wells under Operator's control within 300 feet of the well which is to be treated, provided such other wells penetrate the productive zone which is to be treated.</p> <p>4. The Operator and Adjacent Operator(s) shall install bradenhead pressure gauges on their respective wells 24 hours prior to the Operator initiating a Treatment. The Operator and Adjacent Operator(s) shall monitor their respective gauges at least once during every 24-hour period until 24 hours after the Treatment is completed and shall continue to do so until the pressure stabilizes. The bradenhead pressure gauges shall be capable of monitoring current pressure and also capable of recording the maximum pressure encountered in a 24 hour period. Such gauges shall be reset between each 24 hour period. The pressures shall be recorded and saved for a period of one year. Alternate electronic measurement may be used to record the prescribed pressures.</p> <p>5. If at any time during the Treatment or the 24-hour post-stimulation period, the bradenhead annulus pressure of the Treatment well or any offset wells subject to this Policy increases by more than 200 psig, the Operator of the well being treated, or the Adjacent Operator(s) of an affected offsetting well, as the case may be, shall verbally notify each other and the Director, as soon as practicable, but no later than twenty-four (24) hours following such incident. Within fifteen (15) days after the occurrence, the Operator or Adjacent Operator(s), as the case may be, shall submit a Sundry Notice, Form 4, giving all details, including corrective actions taken.</p>

Total: 1 comment(s)