

FORM

2

Rev  
12/05

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400234725

Date Received:

02/09/2012

PluggingBond SuretyID

20070004

## 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 LLC4. COGCC Operator Number: 89605. Address: P O BOX 21974City: BAKERSFIELD State: CA Zip: 933906. Contact Name: Keith Caplan Phone: (720)440-6100 Fax: (720)279-2331Email: KCaplan@bonanzacrk.com7. Well Name: State Antelope Well Number: 14-11-24HZ

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

9. Proposed Total Measured Depth: 10797

## WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 24 Twp: 5N Rng: 62W Meridian: 6Latitude: 40.379220Longitude: -104.276110

Footage at Surface: 203 feet FNL/FSL 1348 feet FEL/FWL FWL

11. Field Name: Wildcat Field Number: 9999912. Ground Elevation: 4562 13. County: WELD

14. GPS Data:

Date of Measurement: 12/06/2011 PDOP Reading: 2.4 Instrument Operator's Name: Dan Griggs15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 460 FSL 460 FEL/FWL 460 FNL 660 FEL/FWL FWL  
 Sec: 24 Twp: 5N Rng: 62W Sec: 24 Twp: 5N Rng: 62W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 1055 ft18. Distance to nearest property line: 203 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1300 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	407-380	640	All

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 8164.422. 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):

T4N-62W: Sec. 3: NW/4; Sec. 5: All; Sec. 7: W/2 SW/4, SW/4 NW/4; Sec. 17: NE/4, N/2 NW/4; Sec. 18: N/2 N/2. T4N-63W: Sec. 1: All; Sec. 2: E/2, NW/4, NE/4 SW/4; Sec. 12: ALL. T5N-62W: Sec. 3: E/2; Sec. 11: NE/4, N/2 SE/4, SE/4 SE/4, W/2 SW/4; Sec. 13: ALL; Sec. 15: ALL; Sec. 17: ALL; Sec. 18: W/2, SE/4; Sec. 19: ALL; Sec. 20: W/2; Sec. 21: ALL; Sec. 24: ALL; Sec. 29: ALL; Sec. 31: ALL; Sec. 33: N/2. T5N-63W: Sec. 24: W/2; Sec. 34: SE/4, SE/4 NE/4; Sec. 35: S/2; Sec. 36: SW/4 SW/4.

25. Distance to Nearest Mineral Lease Line: 460 ft

26. Total Acres in Lease: 10920

### 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	9+5/8	36	0	410	128	410	0
1ST	8+3/4	7+0/0	26	0	6,429	767	6,429	0
1ST LINER	6+1/8	4+1/2	11.6	6429	10,797			

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

33. Comments Conductor casing will not be used on this well. Wellhead is to be located outside of a GWA drilling window and will be located more than 50' from an existing well location. Bonanza Creek requests an exception location to 318Aa, 318Ac: Exception request and waiver attached.

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: Keith Caplan

Title: Sr. Operations Tech Date: 2/9/2012 Email: KCaplan@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: 3/6/2012

#### API NUMBER

05 123 35207 00

Permit Number: \_\_\_\_\_ Expiration Date: 3/5/2014

#### 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) Provide 48 hour notice of MIRU to John Montoya by e-mail at John.Montoya@state.co.us. Indicate Spud Notice in the subject line and provide the following information: Operator Name, Well Name and Number, API #, Spud Date, Contact Name, Contact Phone #, Email Address. Submit Form 42 electronically after April 1 for spud notice.
- 2) Provide cement coverage from base of intermediate casing 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.

Operator must meet water well sampling requirements as per Rule 318A.

### **Attachment Check List**

Att Doc Num	Name
400234725	FORM 2 SUBMITTED
400234807	PLAT
400250542	DEVIATED DRILLING PLAN
400250543	DIRECTIONAL DATA
400250544	EXCEPTION LOC WAIVERS
400250545	EXCEPTION LOC REQUEST

Total Attach: 6 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Agency	No LGD or public comment received; final review completed.	3/5/2012 7:22:49 AM

Total: 1 comment(s)

### **BMP**

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

Total: 0 comment(s)