

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



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Document Number:

400168182

Plugging Bond Surety

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 LLC

4. COGCC Operator Number: 8960

5. Address: P O BOX 21974

City: BAKERSFIELD State: CA Zip: 93390

6. Contact Name: Keith Caplan Phone: (720)440-6112 Fax: (720)279-2331  
Email: KCaplan@bonanzacrk.com

7. Well Name: Antelope Well Number: 21-20

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

9. Proposed Total Measured Depth: 6925

### WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 20 Twp: 5N Rng: 62W Meridian: 6

Latitude: 40.390650 Longitude: -104.354070

Footage at Surface: 582 feet FNL/FSL FNL 699 feet FEL/FWL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4653 13. County: WELD

#### 14. GPS Data:

Date of Measurement: 06/07/2011 PDOP Reading: 2.7 Instrument Operator's Name: Dan Griggs

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

Footage at Top of Prod Zone: FNL/FSL 660 FNL 1980 FWL 660 FNL 1980 FWL  
Bottom Hole: FNL/FSL 660 FNL 1980 FWL  
Sec: 20 Twp: 5N Rng: 62W Sec: 20 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: 725 ft

18. Distance to nearest property line: 582 ft 19. Distance to nearest well permitted/completed in the same formation: 945 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	318A	40	NE/4 NW/4

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#: 20070001

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):

T4N-R62W: SEC. 3: NW/4 SEC. 5: ALL SEC. 7: SW/4 NW/4, W/2 SW/4 SEC. 17: NE/4, N/2 NW/4 SEC. 18: N/2 N/2 T4N-R63W: SEC. 1: LOT 1 AND 2, S/2 N/2, S/2 SEC. 2: NE/4, NE/4 SE/4, N/2 NW/4 SEC. 12: NE/4, E/2 NW/4, E/2 SE/4 T5N-R62W: SEC. 3: LOT 2, SW/4 NE/4, W/2 SE/4 SEC. 15: W/2 E/2, W/2 SEC. 17: ALL SEC. 18: LOT 1-4, E/2 W/2, SE/4 SEC. 19: ALL (EXCEPT NW/4 NW/4) SEC. 20: W/2 SEC. 21: ALL SEC. 29: ALL SEC. 31: ALL SEC. 33: N/2 T5N-R63W: SEC. 24: W/2 SEC. 34: SE/4 NE/4, SE/4 SEC. 35: S/2 SEC. 36: SW/4 SW/4

25. Distance to Nearest Mineral Lease Line: 609 ft

26. Total Acres in Lease: 8437

### 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	8+5/8	24	0	410	242	410	0
1ST	7+7/8	4+1/2	11.6	0	6,925	200	6,925	6,075

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

33. Comments Conductor casing will not be used on this well.

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: \_\_\_\_\_ 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: \_\_\_\_\_

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
400174805	PLAT
400181663	DEVIATED DRILLING PLAN

Total Attach: 2 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>

Total: 0 comment(s)