

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:

400065952

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 ZONE ☐ COMMINGLE ZONE ☐

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 ext 203 Phone: (720)279-2330 Fax: (720)279-2331

Email: kcaplan@bonanzacrk.com

7. Well Name: Antelope Well Number: 14-18

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

9. Proposed Total Measured Depth: 6850

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 18 Twp: 5N Rng: 62W Meridian: 6

Latitude: 40.395880 Longitude: -104.370100

	FNL/FSL		FEL/FWL
Footage at Surface: <u>1436</u>	<u>FSL</u>	<u>1411</u>	<u>FWL</u>

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4598 13. County: WELD

14. GPS Data:

Date of Measurement: 05/27/2010 PDOP Reading: 3.6 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	FEL/FWL	Bottom Hole:	FNL/FSL	FEL/FWL
<u>660</u>	<u>FSL</u>	<u>660</u>	<u>660</u>	<u>FSL</u>	<u>660</u>
		<u>FWL</u>			<u>FWL</u>
Sec: <u>18</u>	Twp: <u>5N</u>	Rng: <u>62W</u>	Sec: <u>18</u>	Twp: <u>5N</u>	Rng: <u>62W</u>

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: 223 ft

18. Distance to nearest property line: 1411 ft 19. Distance to nearest well permitted/completed in the same formation: 1331 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	1-122	160	SW/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):  
please see attached

25. Distance to Nearest Mineral Lease Line: 660 ft 26. Total Acres in Lease: 3041

### 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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☐ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☒ Offsite ☐ Onsite

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+5/8	24	390	250	390	0
1ST	7+7/8	4+1/2	11.6	6,850	210	6,850	5,930
S.C. 1.1	7+7/8	4+1/2	11.6	6,850	180	3,750	2,960
S.C. 2.1	7+7/8	4+1/2	11.6	6,850	210	6,850	5,930
	7+7/8	4+1/2	Stage Tool	3,750	180	3,750	2,960

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: Stephen Wolfe

Title: Sr. Prod. Eng. Date: 6/9/2010 Email: srw@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: David S. Neslin Director of COGCC Date: 7/2/2010

<b>API NUMBER</b> 05 123 31828 00	Permit Number: _____	Expiration Date: 7/1/2012
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**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.

COGCC ENG COA - SME

- 1) Provide 24 hr notice of spud to Bo Brown at 970-330-6085 or email at bo.brown@state.co.us .
- 2) Set surface casing per Rule 317d, cement to surface. Setting surface casing less than the approved depth is a permit violation unless prior written approval is obtained from the COGCC.
- 3) If completed, provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 4) Comply with Rule 321. 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.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
1725924	SURFACE CASING CHECK	LF@2493585 1725924
400065952	FORM 2 SUBMITTED	LF@2489338 400065952
400066894	PLAT	LF@2489339 400066894
400066896	LEGAL/LEASE DESCRIPTION	LF@2489340 400066896
400068192	DEVIATED DRILLING PLAN	LF@2489341 400068192

Total Attach: 5 Files