

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



DE	ET	OE	ES
----	----	----	----

## 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 ☐

Document Number:

400168252

Plugging Bond Surety

20070004

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)440-6112 Fax: (720)279-2331Email: KCaplan@bonanzacrk.com7. Well Name: Culver Well Number: 31-8

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

9. Proposed Total Measured Depth: 8500

## WELL LOCATION INFORMATION

10. QtrQtr: NWNE Sec: 8 Twp: 8N Rng: 78W Meridian: 6Latitude: 40.684170 Longitude: -106.166260
 Footage at Surface: 700 feet FNL/FSL 1649 feet FEL/FWL  
FNL FEL
11. Field Name: Wildcat Field Number: 9999912. Ground Elevation: 8382 13. County: JACKSON

## 14. GPS Data:

Date of Measurement: 06/14/2011 PDOP Reading: 2.1 Instrument Operator's Name: Randall R. Miller15. 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 \_\_\_\_\_

Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_ Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 680 ft18. Distance to nearest property line: 755 ft 19. Distance to nearest well permitted/completed in the same formation: 5155 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.)
Dakota	DKTA			
J Sand	JSND			
Niobrara-Codell	NB-CD			
Sundance-Morrison	SN-MO			

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):

T8N-R78W, 6TH P.M. SEC. 5: SW/4, S/2 NW/4 (LOTS 5 & 6), W/2 NE/4 (LOTS 2 & 7), W/2 SE/4 SEC. 6: ALL SEC. 7: ALL, EXCEPT 3.52 ACRES DESCRIBED BY METES & BOUNDS SEC. 8: W/2, W/2 NE/4, NE/4 NE/4, W/2 SE/4, SE/4 SE/4 SEC. 16: ALL SEC. 17: ALL SEC. 18: N/2, SE/4, N/2 SW/4, SE/4 SW/4 EXCEPTING LANDS LYING WITHIN THE 100 FEET RIGHT OF WAY FOR COLORADO STATE HWY 14 IN SECTION 18 SEC. 19: W/2 NW/4 (LOTS 1 & 2), NE/4 NW/4 T8N-R79W, 6TH P.M. SEC. 1: ALL SEC. 2: NE/4 NE/4 (LOT 1), SE/4 NE/4, SE/4 SEC. 11: S/2, NE/4, S/2 S/2 NW/4, EXCEPTING LANDS LYING WITHIN THE 100 FEET RIGHT OF WAY FOR COLORADO STATE HIGHWAY 14 IN SECTION 11 SEC. 12: ALL, EXCEPTING LANDS LYING WITHIN THE 100 FEET RIGHT OF WAY FOR COLORADO STATE HIGHWAY 14 IN SECTION 12 SEC. 13: N/2, N/2 S/2 EXCEPTING THE NE/4 SE/4, EXCEPTING LANDS LYING WITHIN THE 100 FEET RIGHT OF WAY FOR COLORADO STATE HWY 14 IN SECTION 13. SEC. 14: ALL SEC. 23: N/2 SECTION 24: NW/4 NW/4, SE/4 NE/4 T9N-R79W 6TH P. M. SEC. 25: W/2 NW/4, S/2 SE/4, NW/4 SE/4, SW/4 SEC. 26: E/2, E/2 NW/4, NE/4 SW/4 AND A TRACT IN THE SE/4 SW/4 DESCRIBED BY METES AND BOUNDS SEC. 35: E/2 NE/4 AND A TRACT IN THE N/2 DESCRIBED BY METES & BOUNDS SEC. 36: ALL T9N-R78W, 6TH P.M. SEC. 31: ALL EXCEPTING THE BOSTWICK LATERAL DITCH DESCRIBED BY METES & BOUNDS SEC. 32: W/2 W/2, E/2 SE/4 SEC. 33: SW/4 SW/4

25. Distance to Nearest Mineral Lease Line: 755 ft 26. Total Acres in Lease: 10238

### 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

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
CONDUCTOR	30+0/0	20+0/0		0	40	110	40	0
SURF	17+1/2	13+3/8	61	0	450	312	450	0
1ST	12+1/4	9+5/8	36	0	4,500	1,409	4,500	0
2ND	8+3/4	7+0/0	26	0	8,500	692	8,500	4,500

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

33. Comments \_\_\_\_\_

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: \_\_\_\_\_

05

API NUMBER

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
400193669	PLAT

Total Attach: 1 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)