

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:

400168252

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 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: 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: 6

Latitude: 40.684170 Longitude: -106.166260

Footage at Surface: 700 feet FNL/FSL 1649 feet FEL/FWL FEL

11. Field Name: Wildcat Field Number: 99999

12. 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. Miller

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 _____

Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

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: 680 ft

18. Distance to nearest property line: 755 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 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):

LEASE MAP ATTACHED. 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

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
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: 8/9/2011 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: David S. Neslin Director of COGCC Date: 11/29/2011

05 057 **API NUMBER**
06519-00

Permit Number: _____ Expiration Date: 11/28/2013

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) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

(2) OPERATOR MUST ENSURE 110 PERCENT SECONDARY CONTAINMENT FOR ANY VOLUME OF FLUIDS CONTAINED AT WELL-SITE DURING DRILLING AND COMPLETION OPERATIONS. IF FLUIDS ARE CONVEYED VIA PIPELINE, OPERATOR MUST IMPLEMENT BEST-MANAGEMENT-PRACTICES TO CONTAIN ANY UNINTENTIONAL RELEASE OF FLUIDS.

(3) RESERVE PIT MUST BE LINED.

(4) THE MOISTURE CONTENT OF ANY DRILL CUTTINGS IN A CUTTINGS PIT, TRENCH, OR PILE SHALL BE AS LOW AS PRACTICABLE TO PREVENT ACCUMULATION OF LIQUIDS GREATER THAN DE-MINIMIS AMOUNTS. AT THE TIME OF CLOSURE, THE DRILL CUTTINGS MUST ALSO MEET THE APPLICABLE STANDARDS OF TABLE 910-1.

(5) NO PORTION OF ANY PIT THAT WILL BE USED TO HOLD LIQUIDS SHALL BE CONSTRUCTED ON FILL MATERIAL, UNLESS THE PIT AND FILL SLOPE ARE DESIGNED AND CERTIFIED BY A PROFESSIONAL ENGINEER, SUBJECT TO REVIEW AND APPROVAL BY THE DIRECTOR PRIOR TO CONSTRUCTION OF THE PIT. THE CONSTRUCTION AND LINING OF THE PIT SHALL BE SUPERVISED BY A PROFESSIONAL ENGINEER OR THEIR AGENT. THE ENTIRE BASE OF THE PIT MUST BE IN CUT.

(6) THE SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1 -MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1-MILE IS 300 FEET DEEP.

Attachment Check List

Att Doc Num	Name
1694553	LEASE MAP
400168252	FORM 2 SUBMITTED
400193669	PLAT

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed. No LGD or public comment received.	11/29/2011 8:46:10 AM
Permit	ON HOLD: CPW requesting more time to consult w/Bonanza on road access. Attached Lease map.	9/16/2011 2:07:55 PM

Total: 2 comment(s)

BMP

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

Total: 0 comment(s)