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Document Number:  
 400245049  
 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)440-6100 Fax: (720)729-2331  
 Email: KCaplan@BonanzaCrk.com  
 7. Well Name: Pronghorn Well Number: 11-14-12HZ  
 8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
 9. Proposed Total Measured Depth: 10786

**WELL LOCATION INFORMATION**

10. QtrQtr: NWNW Sec: 12 Twp: 5N Rng: 61W Meridian: 6  
 Latitude: 40.422690 Longitude: -104.164210  
 Footage at Surface: 200 feet FNL 448 feet FWL  
 11. Field Name: Wattenberg Field Number: 90750  
 12. Ground Elevation: 4649 13. County: WELD

14. GPS Data:  
 Date of Measurement: 01/09/2012 PDOP Reading: 1.7 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 FNL/FSL Bottom Hole: FNL/FSL FNL/FSL  
460 FNL 460 FWL 460 FSL 660 FWL  
 Sec: 12 Twp: 5N Rng: 61W Sec: 12 Twp: 5N Rng: 61W

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: 5280 ft  
 18. Distance to nearest property line: 200 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 115 ft

**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		160	W/2W/2

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):

T5N, R61W: Sec. 1; NW/4: Sec. 2; NE/4, W/2: Sec. 3; W/2: Sec. 9; SW/4: Sec. 10; ALL: Sec. 12; W/2: Sec. 14; NE/4.

25. Distance to Nearest Mineral Lease Line: 460 ft 26. Total Acres in Lease: 2240

### 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	23 & 26	0	6,366	791	6,366	0
1ST LINER	6+1/8	4+1/2	11.6	0	10,726			

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

33. Comments Conductor casing will not be used on this well. Bonanza Creek requests approval of Rule 318Aa exception location: Wellhead is to be located outside of a GWA drilling window. Waiver and exception request attached. Operator has agreed to the proposed BMPs for intr-well distance and frac monitoring.

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 S. Caplan

Title: Sr. Operations Technician Date: 1/25/2012 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: David S. Nashin Director of COGCC Date: 2/17/2012

**API NUMBER**  
05 123 35118 00

Permit Number: \_\_\_\_\_ Expiration Date: 2/16/2014

**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 24 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.
- 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
2063828	SURFACE CASING CHECK
2531831	PROPOSED BMPs
400245049	FORM 2 SUBMITTED
400245225	DEVIATED DRILLING PLAN
400245226	DIRECTIONAL DATA
400245227	PLAT
400245228	EXCEPTION LOC WAIVERS
400245229	SURFACE AGRMT/SURETY
400245288	EXCEPTION LOC REQUEST

Total Attach: 9 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	No LGD or public comment received; final review completed.	2/16/2012 5:40:54 AM
Permit	Intra-well BMP attached.	2/16/2012 5:40:13 AM
Permit	On hold - Operator has not attached the letter or BMP for intra well distance and frac monitoring.	1/26/2012 6:02:20 AM
Permit	Changed distance to another well producing from the Niob to 115 feet from 1480 feet. Changed distance to lease line to 460 feet from 1480 feet.	1/26/2012 5:51:12 AM

Total: 4 comment(s)

## BMP

<u>Type</u>	<u>Comment</u>
Drilling/Completion Operations	<p>Best Management Practice for a Wellbore Fracturing Stimulation</p> <ol style="list-style-type: none"><li>1. At least seven (7) days prior to fracture stimulation, the operator is to notify all operators of non-operated wells within 300 feet of the wellbore to be fracture stimulated of the anticipated stimulation date and the recommended best management practice to shut-in all wells within 300' of the stimulated wellbore completed in the same formation.</li><li>2. The operator will monitor the bradenhead pressure of all wells within 300 feet of the well to be fracture stimulated.</li><li>3. Bradenhead pressure gauges are to be installed 24 hours prior to stimulation. The gauges are to read at least once during every 24-hour period until 24-hours after stimulation is completed (post flowback). The gauges are to be of the type able to read current pressure and record the maximum encountered pressure in a 24-hour period. The gauge is to be reset between each 24-hour period. The pressures are to be recorded and saved. Alternate electronic measurement may be used to record the prescribed pressures. Data shall be kept for a period of one year.</li><li>4. If at any time during stimulation or the 24-hour post-stimulation period, the bradenhead annulus pressure of the treatment well or offset wells increases more than 200 psig, as per Rule 341, the operator of the well being stimulated shall verbally notify the Director as soon as practicable, but no later than twenty-four (24) hours following the incident. Within fifteen (15) days after the occurrence, the operator shall submit a Sundry Notice, Form 4, giving all details, including corrective actions taken.</li></ol>

Total: 1 comment(s)