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Document Number:  
 400231351  
 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)279-2331  
 Email: KCaplan@bonanzacr.com  
 7. Well Name: Antelope Well Number: N-19  
 8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
 9. Proposed Total Measured Depth: 6800

**WELL LOCATION INFORMATION**

10. QtrQtr: SESW Sec: 19 Twp: 5N Rng: 62W Meridian: 6  
 Latitude: 40.379520 Longitude: -104.367880  
 Footage at Surface: 725 feet FSL 1930 feet FWL  
 11. Field Name: Wattenberg Field Number: 90750  
 12. Ground Elevation: 4622 13. County: WELD

14. GPS Data:  
 Date of Measurement: 11/22/2011 PDOP Reading: 2.1 Instrument Operator's Name: Wyatt Hall

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 \_\_\_\_\_  
1350 FSL 2454 FWL 1350 FSL 2454 FWL  
 Sec: 19 Twp: 5N Rng: 62W Sec: 19 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: 349 ft  
 18. Distance to nearest property line: 725 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 815 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-Codell	NB-CD		160	GWA

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):

Please see attached mineral lease description.

25. Distance to Nearest Mineral Lease Line: 1350 ft 26. Total Acres in Lease: 9046

### 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	241	410	0
1ST	7+7/8	4+1/2	11.6	0	6,757	893	6,800	5,907

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

33. Comments Conductor casing will not be used on this well. Wellbore Spacing Unit: T5N62W: Sec 19 NESW, NWSE, SWSE, and SESW.

34. Location ID: 419793

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: 1/30/2012 Email: KCaplan@bonanzacr.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. Nashine Director of COGCC Date: 2/25/2012

<b>API NUMBER</b>
05 123 35134 00

Permit Number: \_\_\_\_\_ Expiration Date: 2/24/2014

**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.

Operator must meet water well sampling requirements as per Rule 318A.

- 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 TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) If dry hole, set 40 sks cement 50' above Niobrara top, 50 sks cement from 50' below to 50' above surface casing shoe, 15 sks cement top of surface casing, cut 4' below GL, weld on plate, 5 sks cement in rat hole & 5 sks cement in mouse hole.
- 4) 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
2063823	SURFACE CASING CHECK
400231351	FORM 2 SUBMITTED
400231605	UNIT CONFIGURATION MAP
400231606	LEGAL/LEASE DESCRIPTION
400231607	PLAT
400231608	DEVIATED DRILLING PLAN
400246766	PROPOSED SPACING UNIT
400246768	SURFACE AGRMT/SURETY
400246783	DIRECTIONAL DATA

Total Attach: 9 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	No LGD or public comment received; final review completed.	2/22/2012 7:09:37 AM
Permit	Operator corrected SHL and erased surface bond. This form has passed completeness.	1/30/2012 2:26:33 PM
Permit	Returned to draft. SHL does not match lat long. Surface bond not needed.	1/30/2012 12:58:52 PM

Total: 3 comment(s)

### **BMP**

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

Total: 0 comment(s)