


<b>FORM</b> <b>2</b> Rev 12/05	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> 1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DE</td> <td style="width: 25%;">ET</td> <td style="width: 25%;">OE</td> <td style="width: 25%;">ES</td> </tr> </table>	DE	ET	OE	ES
DE	ET	OE	ES				
<b>APPLICATION FOR PERMIT TO:</b>			Document Number:  400086378  Plugging Bond Surety  20070004				
1. <input checked="" type="checkbox"/> <b>Drill,</b> <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate							
2. TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/> COMMINGLE ZONE <input type="checkbox"/>		Refiling <input type="checkbox"/> Sidetrack <input type="checkbox"/>					
3. Name of Operator: <u>BONANZA CREEK ENERGY OPERATING COMPANY LLC</u>		4. COGCC Operator Number: <u>8960</u>					
5. Address: <u>P O BOX 21974</u> City: <u>BAKERSFIELD</u> State: <u>CA</u> Zip: <u>93390</u>							
6. Contact Name: <u>Keith Caplan ext 203</u> Phone: <u>(720)279-2330</u> Fax: <u>(720)279-2331</u> Email: <u>kcaplan@bonanzacrk.com</u>							
7. Well Name: <u>Moore State</u>		Well Number: <u>2-36</u>					
8. Unit Name (if appl): _____		Unit Number: _____					
9. Proposed Total Measured Depth: <u>10000</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>NWSW</u> Sec: <u>36</u> Twp: <u>8N</u> Rng: <u>78W</u> Meridian: <u>6</u> Latitude: <u>40.619110</u> Longitude: <u>-106.101560</u>							
Footage at Surface: <u>2389</u> feet <u>FSL</u> <u>572</u> feet <u>FWL</u>							
11. Field Name: <u>Wildcat</u>		Field Number: <u>99999</u>					
12. Ground Elevation: <u>8498</u>		13. County: <u>JACKSON</u>					
14. GPS Data: Date of Measurement: <u>04/27/2010</u> PDOP Reading: <u>6.0</u> Instrument Operator's Name: <u>Dan Griggs</u>							
15. If well is <input checked="" type="checkbox"/> Directional <input type="checkbox"/> Horizontal (highly deviated) <b>submit deviated drilling plan.</b> Footage at Top of Prod Zone:    FNL/FSL    FEL/FWL    Bottom Hole:    FNL/FSL    FEL/FWL <u>1600</u> <u>FSL</u> <u>2400</u> <u>FWL</u> <u>1600</u> <u>FSL</u> <u>2400</u> <u>FWL</u> Sec: <u>36</u> Twp: <u>8N</u> Rng: <u>78W</u> Sec: <u>36</u> Twp: <u>8N</u> Rng: <u>78W</u>							
16. Is location in a high density area? (Rule 603b)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
17. Distance to the nearest building, public road, above ground utility or railroad: <u>263 ft</u>							
18. Distance to nearest property line: <u>584 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>1300 ft</u>							
<b>LEASE, SPACING AND POOLING INFORMATION</b>							
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)			
Dakota	DKTA						
Niobrara	NBRR						

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 7988

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 Bon ☐ \$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):  
All of Township 8N, Range 78W, Section 36

25. Distance to Nearest Mineral Lease Line: 1600 ft 26. Total Acres in Lease: 640

**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
SURF	12+1/4	8+5/8	24#	0	500	170	500	0
1ST	7+7/8	5+1/2	15.5#	0	10,000	305	10,000	7,710

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: Keith Caplan

Title: Sr. Ops Tech Date: 3/2/2011 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: 3/25/2011

**API NUMBER**

05 057 06509 00

Permit Number: \_\_\_\_\_ Expiration Date: 3/24/2013

**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) 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 298 FEET DEEP.

### **Attachment Check List**

Att Doc Num	Name
400086378	FORM 2 SUBMITTED
400086942	TOPO MAP
400089381	PLAT
400089382	DEVIATED DRILLING PLAN

Total Attach: 4 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	-----HOLD OFF-OK with SLB	3/8/2011 4:43:52 PM
Permit	-----ON HOLD- Waiting on review by SLB	3/8/2011 10:00:09 AM
Permit	-----Changed nearest line from well head to productive interval distance to nearest lease line.	3/8/2011 9:51:12 AM
Permit	-----Note 1204.a (1) lands subject to black bear habitat	3/8/2011 9:30:55 AM

Total: 4 comment(s)

### **BMP**

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

Total: 0 comment(s)