

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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APPLICATION FOR PERMIT TO:

1. Drill, Deepen, Re-enter, Recomplete and Operate

2. TYPE OF WELL

OIL GAS COALBED OTHER _____
SINGLE ZONE MULTIPLE ZONE COMMINGLE ZONE

Refiling
Sidetrack

Document Number:
400065954
Plugging Bond Surety
20070004

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 ext 203 Phone: (720)2792330 Fax: (720)2792331
Email: kcaplan@bonanzacrk.com

7. Well Name: Antelope Well Number: 23-18

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 6850

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 18 Twp: 5N Rng: 62W Meridian: 6
Latitude: 40.395880 Longitude: -104.369990

Footage at Surface: 1436 FNL/FSL FSL 1442 FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4599 13. County: WELD

14. GPS Data:

Date of Measurement: 05/27/2010 PDOP Reading: 3.6 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 1980 FSL 1980 FWL 1980 FEL/FWL 1980 FSL 1980 FWL 1980
Sec: 18 Twp: 5N Rng: 62W Sec: 18 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: 254 ft

18. Distance to nearest property line: 1436 ft 19. Distance to nearest well permitted/completed in the same formation: 1242 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.)
Niobrara-Codell	NB-CD	318a	160	SW/4

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#: 20070001

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):
please see attached

25. Distance to Nearest Mineral Lease Line: 1980 ft 26. Total Acres in Lease: 3041

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? Yes No **If 28, 29, or 30 are "Yes" a pit permit may be required.**

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+5/8	24	390	250	390	0
1ST	7+7/8	4+1/2	11.6	6,850	210	6,850	5,930
S.C. 1.1	7+7/8	4+1/2	11.6	6,850	180	3,750	2,960
S.C. 2.1	7+7/8	4+1/2	11.6	6,850	210	6,850	5,930
	7+7/8	4+1/2	Stage Tool	3,750	180	3,750	2,960

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: Stephen Wolfe

Title: Sr. Prod. Eng. Date: 6/9/2010 Email: srw@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: 7/2/2010

API NUMBER
05 123 31827 00

Permit Number: _____ Expiration Date: 7/1/2012

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.

COGCC ENG COA - SME

- 1) Provide 24 hr notice of spud to Bo Brown at 970-330-6085 or email at bo.brown@state.co.us .
- 2) Set surface casing per Rule 317d, cement to surface. Setting surface casing less than the approved depth is a permit violation unless prior written approval is obtained from the COGCC.
- 3) If completed, provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 4) Comply with Rule 321. 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	Doc Description
1725925	SURFACE CASING CHECK	LF@2493586 1725925
2529061	DEVIATED DRILLING PLAN	LF@2493326 2529061
400065954	FORM 2 SUBMITTED	LF@2489346 400065954
400066901	PLAT	LF@2489347 400066901
400066904	LEGAL/LEASE DESCRIPTION	LF@2489348 400066904
400068191	DEVIATED DRILLING PLAN	LF@2489349 400068191

Total Attach: 6 Files