

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:

400009422

Plugging Bond Surety

20040071

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

3. Name of Operator: ANTERO RESOURCES PICEANCE CORPORATION 4. COGCC Operator Number: 10079

5. Address: 1625 17TH ST STE 300
City: DENVER State: CO Zip: 80202

6. Contact Name: Ashlie Mihalcin Phone: (303)357-7323 Fax: (303)357-7315
Email: amihalcin@anteroresources.com

7. Well Name: North Bank Well Number: C9

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

9. Proposed Total Measured Depth: 14359

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 12 Twp: 6S Rng: 93W Meridian: 6

Latitude: 39.539539 Longitude: -107.727142

Footage at Surface: 2148 FNL/FSL FSL 1905 FEL/FWL FWL

11. Field Name: Mamm Creek Field Number: 52500

12. Ground Elevation: 5352 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 10/13/2006 PDOP Reading: 1.3 Instrument Operator's Name: Samuel D. Phelps

15. If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 2267 FSL 1820 FEL/FWL FWL Bottom Hole: FNL/FSL 2267 FSL 1820 FEL/FWL FWL
Sec: 12 Twp: 6S Rng: 93W Sec: 12 Twp: 6S Rng: 93W

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: 1326

18. Distance to nearest property line: 965 19. Distance to nearest well permitted/completed in the same formation: 479

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.)
Iles	ILES	191-25		
Mancos	MNCS	191-60		
Williams Fork	WMFK	510-16		

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 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):
T6S-R93W: Section 12 (part of section) -See plat #6

25. Distance to Nearest Mineral Lease Line: 1000 26. Total Acres in Lease: 241

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: Closed Loop/Grfld Cty Lndfl

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
CONDUCTOR	24+0/0	16+0/0	55#	60	177	60	0
SURF	12+1/4	9+5/8	36#	1,500	591	1,500	0
2ND	8+1/2	7+0/0	26#	9,019	2,011	9,019	0
3RD	6+1/8	4+1/2	15.1#	14,359	2,989	14,359	4,699

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

33. Comments I certify that all conditions in the original permit are the same except revised SHL/BHL change, csg/cmt program and updated distances. There have been no changes to land use, well construction, or the lease. This pad is built. No expansion/additional disturbance will occur. Closed loop system will be used.

34. Location ID: 336013

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: Ashlie Mihalcin

Title: Permit Representative Date: 11/2/2009 Email: amihalcin@anteroresources.co

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: _____ Director of COGCC Date: _____

Permit Number: _____ Expiration Date: _____

API NUMBER

05 045 13617 00

CONDITIONS OF APPROVAL, IF ANY:

Attachment Check List

Att Doc Num	Name	Doc Description
400012825	30 DAY NOTICE LETTER	North Bank 'C' 305-306 Waiver Letter (Sent 10-15-09).pdf
400012826	WAIVERS	North Bank C 305-306 Signed Waiver (10-22-09).pdf
400012827	WELL LOCATION PLAT	Northbank C-9 Plat 1 10-29-2009.pdf
400012829	DEVIATED DRILLING PLAN	ANTERO NORTHBANK C9 P01 (COGCC Copy).pdf
400012833	FORM 2 SUBMITTED	400012833.pdf

Total Attach: 5 Files