

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:

400010050

Plugging Bond Surety

20040071

3. Name of Operator: ANTERO RESOURCES PICEANCE CORPORATION4. COGCC Operator Number: 100795. Address: 1625 17TH ST STE 300City: DENVER State: CO Zip: 802026. Contact Name: Ashlie Mihalcin Phone: (303)357-7323 Fax: (303)357-7315Email: amihalcin@anteroresources.com7. Well Name: North Bank Well Number: E7

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 9133

## WELL LOCATION INFORMATION

10. QtrQtr: SWNW Sec: 12 Twp: 6S Rng: 93W Meridian: 6Latitude: 39.541239 Longitude: -107.733456
 Footage at Surface: 2505 FNL/FSL FNL 126 FEL/FWL FWL
11. Field Name: Mamm Creek Field Number: 5250012. Ground Elevation: 5378 13. County: GARFIELD

## 14. GPS Data:

Date of Measurement: 03/15/2007 PDOP Reading: 1.4 Instrument Operator's Name: Samuel D. Phelps15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**
 Footage at Top of Prod Zone: FNL/FSL 2100 FNL 615 FEL 2100 FNL 615 FEL  
 Bottom Hole: FNL/FSL 2100 FNL 615 FEL  
 Sec: 11 Twp: 6S Rng: 93W Sec: 11 Twp: 6S Rng: 93W
16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 22518. Distance to nearest property line: 125 19. Distance to nearest well permitted/completed in the same formation: 758

## 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	191-54	80	E/2NE/4
Williams Fork	WMFK	191-54	80	E/2NE/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#: 20040072

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):  
"Plat 6" -E/2 Sec. 11

25. Distance to Nearest Mineral Lease Line: 400 26. Total Acres in Lease: 78

### 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	16	55#	50	148	50	0
SURF	12+1/4	8+5/8	24#	950	398	950	0
3RD	7+7/8	5+1/2	17#	9,133	745	9,133	4,933

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. This well is an exception location subject to Rule 603 a(2). There are no changes to land use, well construction, or lease. This pad is built. No exp/addtl disturbance will occur. Closed Loop system will be used. Tallest derrick height used will be 142' (1.5 x 142' = 213')

34. Location ID: 336017

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: \_\_\_\_\_ 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 14601 00

**CONDITIONS OF APPROVAL, IF ANY:****Attachment Check List**

Att Doc Num	Name	Doc Description
400010559	EXCEPTION LOC REQUEST	North Bank E - Letter to Director-Variance to Rule 603a2 6-29-09.pdf
400010560	EXCEPTION LOC WAIVERS	Rule 603a(2) waiver - Oldcastle signed 6-29-09.pdf
400010561	30 DAY NOTICE LETTER	North Bank E Pad 305-306 Waiver re-file sent 6-17-09 (COGCC Copy).pdf
400010562	WAIVERS	North Bank E Pad 305-306 Waiver re-file signed 6-19-09.pdf

Total Attach: 4 Files