

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:
400010055
Plugging Bond Surety
20040071

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: E19

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

9. Proposed Total Measured Depth: 9206

WELL LOCATION INFORMATION

10. QtrQtr: SWNW Sec: 12 Twp: 6S Rng: 93W Meridian: 6
Latitude: 39.541032 Longitude: -107.733452

Footage at Surface: 2580 FNL/FSL FNL 126 FEL/FWL FWL

11. Field Name: Mamm Creek Field Number: 52500

12. 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. Phelps

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

Footage at Top of Prod Zone: FNL/FSL 2281 FNL 1429 FWL 2281 FNL 1429 FWL
Bottom Hole: FNL/FSL 2281 FNL 1429 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: 299

18. Distance to nearest property line: 125 19. Distance to nearest well permitted/completed in the same formation: 724

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		
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):
Exhibit "A" Lease Map- Sec 7, Sec 8 and part of Sec. 12, T6S, R93W

25. Distance to Nearest Mineral Lease Line: 405 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	16	55#	50	148	50	0
SURF	12+1/4	8+5/8	24#	1,000	416	1,000	0
3RD	7+7/8	5+1/2	17#	9,206	745	9,206	5,006

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 16047 00

CONDITIONS OF APPROVAL, IF ANY:

Attachment Check List

Att Doc Num	Name	Doc Description
400010621	EXCEPTION LOC REQUEST	North Bank E - Letter to Director-Variance to Rule 603a2 6-29-09.pdf
400010622	EXCEPTION LOC WAIVERS	Rule 603a(2) waiver - Oldcastle signed 6-29-09.pdf
400010623	30 DAY NOTICE LETTER	North Bank E Pad 305-306 Waiver re-file sent 6-17-09 (COGCC Copy).pdf
400010624	WAIVERS	North Bank E Pad 305-306 Waiver re-file signed 6-19-09.pdf

Total Attach: 4 Files