



DE	ET	OE	ES
----	----	----	----

Document Number:  
 400182977  
 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  COMMINGLE

- 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: Hannah Knopping Phone: (303)357-6412 Fax: (303)357-7315  
 Email: hknopping@anteroresources.com  
 7. Well Name: COLOROSO Well Number: A2  
 8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
 9. Proposed Total Measured Depth: 8972

**WELL LOCATION INFORMATION**

10. QtrQtr: Lot 4 Sec: 7 Twp: 6S Rng: 92W Meridian: 6  
 Latitude: 39.543502 Longitude: -107.713065  
 Footage at Surface: 1726 feet FNL 600 feet FWL  
 11. Field Name: MAMM CREEK Field Number: 52500  
 12. Ground Elevation: 5364 13. County: GARFIELD

14. GPS Data:  
 Date of Measurement: 12/20/2005 PDOP Reading: 1.8 Instrument Operator's Name: Scott E. Aibner

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**  
 Footage at Top of Prod Zone: 1333 FNL 1484 FWL Bottom Hole: 1333 FNL 1484 FWL  
 Sec: 7 Twp: 6S Rng: 92W Sec: 7 Twp: 6S Rng: 92W

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: 913 ft  
 18. Distance to nearest property line: 460 ft 19. Distance to nearest well permitted/completed in the same formation: 725 ft

**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.)
Corcoran	CRCRN	191-25		
Cozzette	COZZ	191-25		
Rollins	RLNS	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#: 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 Bond  \$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):  
See attached Plats No 6 - Lease Map from previously approved APD

25. Distance to Nearest Mineral Lease Line: 110 ft 26. Total Acres in Lease: 189

### 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 **If 28, 29, or 30 are "Yes" a pit permit may be required.**

Method:  Land Farming  Land Spreading  Disposal Facility Other: Onsite if app(See comments)

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
CONDUCTOR	24	16	55#	0	60	177	60	0
SURF	12+1/4	8+5/8	24/32#	0	1,000	416	1,000	0
1ST	7+7/8	4+1/2	11.6#	0	8,972	744	8,972	

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 the updated #19- Distance to the nearest well and updated casing and cement program. There have been no other changes to land use, well construction or the lease. This Refile Form 2 does not require a Form 2A because the pad has been constructed, a closed loop system is being used so no pits need to be constructed, the refilled well will not require any expansion / additional surface disturbance of the pad. The location is not in a wildlife restricted surface occupancy area (RSO); consultation with CDOW is not required and the location does not require a variance from any of the rules listed in Rule 306.d.(1).(A). (ii).; consultation with CDPHE is not required. #31 Mud Disposal: Antero will bury onsite if disposal meets Table 910 and if there is a provision in SUA which allows for such operation. TOP OF CEMENT OF 1ST STRING/PRODUCTION CASING WILL BE >500 FEET ABOVE TOP OF GAS.

34. Location ID: 336027

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: Hannah Knopping

Title: Permit Representative Date: \_\_\_\_\_ Email: hknopping@anteroresources.

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: \_\_\_\_\_

<b>API NUMBER</b>
05 045 12745 00

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

**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.

--

**Attachment Check List**

Att Doc Num	Name
400197043	30 DAY NOTICE LETTER

Total Attach: 1 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>

Total: 0 comment(s)

**BMP**

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

Total: 0 comment(s)