

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

FORM APPROVED  
OMB No. 1004-0137  
Expires July 31, 2010

5. Lease Serial No.  
COC-066580

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.  
CSF 43D-10-07-91

9. API Well No.  
applied for

10. Field and Pool, or Exploratory  
Wildcat

11. Sec., T. R. M. or Blk. and Survey or Area  
Section 10, T7S, R91W, 6th P.M.

12. County or Parish  
Garfield County

13. State  
CO

1a. Type of work:  DRILL  REENTER

1b. Type of Well:  Oil Well  Gas Well  Other  Single Zone  Multiple Zone

2. Name of Operator Antero Resources Piceance Corporation

3a. Address 1625 17th Street  
Denver, CO 80202

3b. Phone No. (include area code)  
(303) 357-7310

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface 658' FSL & 1592' FEL, SW/4SE/4  
At proposed prod. zone 1788' FSL & 825' FEL, NE/4SE/4

14. Distance in miles and direction from nearest town or post office\*  
Approximately 7.5 miles south of New Castle, CO

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)  
825' (BHL to lease line)  
2911' (SHL to property line)

16. No. of acres in lease  
640

17. Spacing Unit dedicated to this well  
191-32 WMFK/ILES

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft.  
1833'

19. Proposed Depth  
8326' (MD), 8060' (TVD)

20. BLM/BIA Bond No. on file  
Statewide BLM Bond #COB000108

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
7285' GL

22. Approximate date work will start\*  
08/01/2010

23. Estimated duration  
45 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification
- 6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature *Hannah Knopping* Name (Printed/Typed) Hannah Knopping Date 06/21/2010

Title Permit Representative

Approved by (Signature) Name (Printed/Typed) Date

Title Office

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.