

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0136  
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. COC56027
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator ANTERO RESOURCES PICEANCE CORP		7. If Unit or CA Agreement, Name and No.
Contact: HANNAH KNOPPING hknopping@anteroresources.com		8. Lease Name and Well No. BURCKLE FEDERAL A13
3a. Address 1625 17TH STREET DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303-357-6412 Fx: 303-357-7315	9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWSE 2051FSL 2183FEL 39.52526 N Lat, 107.67021 W Lon At proposed prod. zone SWSE 827FSL 1724FWL		10. Field and Pool, or Exploratory MAMM CREEK
14. Distance in miles and direction from nearest town or post office* APPROXIMATELY 1.2 MILES SOUTHWEST OF SILT, CO		11. Sec., T., R., M., or Blk. and Survey or Area Sec 16 T6S R92W Mer 6PM
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 458'(SHL TO PROP.LINE);403'(BHL TO LEASE)	16. No. of Acres in Lease 533.22	12. County or Parish GARFIELD COUNTY
17. Spacing Unit dedicated to this well 40.00	13. State CO	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 308'	19. Proposed Depth 7872 MD 7565 TVD	20. BLM/BIA Bond No. on file COB000108
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5558 GL	22. Approximate date work will start 05/01/2011	23. Estimated duration 45

24. Attachments

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

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

25. Signature (Electronic Submission)	Name (Printed/Typed) HANNAH KNOPPING Ph: 303-357-6412	Date 02/18/2011
Title PERMIT REPRESENTATIVE		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify 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.

Additional Operator Remarks (see next page)

Electronic Submission #102906 verified by the BLM Well Information System  
For ANTERO RESOURCES PICEANCE CORP, sent to the Glenwood Springs

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

**Additional Operator Remarks:**

Spacing Unit Information:

SWSE of Section 16 (40-acre unit)

Spacing Order 191-8 (Williams Fork)

Spacing Order 191-10 (Iles)