

**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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Document Number:  
400062358  
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 ZONE  COMMINGLE ZONE

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: Valley Farms Well Number: D9  
 8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
 9. Proposed Total Measured Depth: 8588

**WELL LOCATION INFORMATION**

10. QtrQtr: NWNE Sec: 15 Twp: 6S Rng: 92W Meridian: 6  
 Latitude: 39.531158 Longitude: -107.652872  
 Footage at Surface: 1085 FNL/FSL FNL 2558 FEL/FWL FEL  
 11. Field Name: Mamm Creek Field Number: 52500  
 12. Ground Elevation: 5523 13. County: GARFIELD

14. GPS Data:  
Date of Measurement: 10/15/2008 PDOP Reading: 1.1 Instrument Operator's Name: Frank W. Harrington

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**  
 Footage at Top of Prod Zone: FNL/FSL 269 FNL 1544 FEL FEL Bottom Hole: FNL/FSL 269 FNL 1544 FEL FEL  
 Sec: 15 Twp: 6S Rng: 92W Sec: 15 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: 379 ft  
 18. Distance to nearest property line: 100 ft 19. Distance to nearest well permitted/completed in the same formation: 394 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.)
Iles	ILES	191-25	320	N/2
Williams Fork	WMFK	523-2	320	N/2

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):  
Lease map previously submitted

25. Distance to Nearest Mineral Lease Line: 772 ft 26. Total Acres in Lease: 2356

### 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

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	24/32#	1,000	416	1,000	0
1ST	7+7/8	4+1/2	11.7#	8,588	826	8,588	

32. BOP Equipment Type:  Annular Preventer  Double Ram  Rotating Head  None

33. Comments Production/1st String Casing top of cement will be greater than 500 feet above top of gas. This pad straddles the NENW and NWNE of Section 15. I certify that all conditions in the original permit are the same except property line distance has been corrected and other typographical errors and our casing program has been updated. There have been no other changes to land use, well construction or lease. This well is being re-filed under the old rules and does not require a Form 2A because this pad is built, there will be no expansion of the pad or additional surface disturbance, and this location is not in a RSO area. Also, please note this well is an exception location to Rule 603a (2) however we were granted a variance for this pad prior to construction by providing your office with signed property line waivers from both affected surface owners when permits were originally filed for this pad location so we have not attached new waivers but we have attached the original waivers for your reference.

34. Location ID: 335534

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.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: \_\_\_\_\_

<b>API NUMBER</b>
05 045 18333 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	Doc Description
400062369	30 DAY NOTICE LETTER	valley Farms D Pad_30 Day Letter_COGCC Copy.pdf
400062370	EXCEPTION LOC WAIVERS	Valley Farms D 603a2 SIGNED waiver (Fazzi).pdf
400062372	EXCEPTION LOC WAIVERS	Valley Farms D 603a2 SIGNED waiver (Yenter).pdf

Total Attach: 3 Files