

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:

400025258

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: I9

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 7174

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 13 Twp: 6S Rng: 92W Meridian: 6

Latitude: 39.526668 Longitude: -107.618806

Footage at Surface: 2467 FNL/FSL FSL 1763 FEL/FWL FWL

11. Field Name: Mamm Creek Field Number: 52500

12. Ground Elevation: 5653 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 12/21/2009 PDOP Reading: 1.9 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 2502 FSL 1254 FWL FWL Bottom Hole: FNL/FSL 2502 FSL 1254 FWL FWL

Sec: 13 Twp: 6S Rng: 92W Sec: 13 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: 1150 ft

18. Distance to nearest property line: 1148 ft 19. Distance to nearest well permitted/completed in the same formation: 706 ft

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	191-55	80	N/2SW/4
Williams Fork	WMFK	191-55	80	N/2SW/4

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):  
See Attached Mineral Lease Map (previously submitted)

25. Distance to Nearest Mineral Lease Line: 1181 ft 26. Total Acres in Lease: 2355

### 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: GarCty Landfill

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#	60	177	60	0
SURF	12+1/4	8+5/8	24#	1,000	416	1,000	0
1ST	7+7/8	4+1/2	17#	7,174	1,603	7,174	3,523

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

33. Comments I certify that conditions in original permit are the same except revised total depth, SHL and BHL and updated distances. No changes to land use, well construction or lease. Pad is currently being constructed under original permit which is still valid. No expansion or addl disturbance will occur. Closed loop system will be used.

34. Location ID: 335553

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: \_\_\_\_\_

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

**API NUMBER**

05 045 18170 00

**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
400025261	30 DAY NOTICE LETTER	Valley Farms I Pad 30 Day Letter w signed waiver.pdf
400025262	WELL LOCATION PLAT	Valley Farms I9 surface location plat.pdf
400025263	DEVIATED DRILLING PLAN	ANTERO VF I-9 P01.pdf

Total Attach: 3 Files