

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:

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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 CORPORATION4. COGCC Operator Number: 100795. Address: 1625 17TH ST STE 300City: DENVER State: CO Zip: 802026. Contact Name: Ashlie Mihalcin Phone: (303)357-7323 Fax: (303)357-7315Email: amihalcin@anteroresources.com7. Well Name: Valley Farms Well Number: E7

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 14011

WELL LOCATION INFORMATION

10. QtrQtr: SENE Sec: 15 Twp: 6S Rng: 92W Meridian: 6Latitude: 39.529137 Longitude: -107.646598
 Footage at Surface: 1841 FNL/FSL FNL 794 FEL/FWL FEL
11. Field Name: Mamm Creek Field Number: 5250012. Ground Elevation: 5605 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 06/28/2008 PDOP Reading: 1.0 Instrument Operator's Name: John P. Morrison15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**
 Footage at Top of Prod Zone: FNL/FSL 824 FNL 211 FEL 824 FNL 211 FEL
 Bottom Hole: FNL/FSL 824 FNL 211 FEL
 Sec: 15 Twp: 6S Rng: 92W Sec: 15 Twp: 6S Rng: 92W
16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 40018. Distance to nearest property line: 205 19. Distance to nearest well permitted/completed in the same formation: 328

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	191-25	320	N/2
Mancos	MNCS	191-60	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):
See attached "Exhibit A" -Leased Premises

25. Distance to Nearest Mineral Lease Line: _____ 1700 _____ 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/Grfld Cty Lndfl

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
1ST	12+1/4	9+5/8	36#	1,533	598	1,533	0
2ND	8+1/2	7	26#	8,470	1,892	8,470	0
3RD	6+1/8	4+1/2	15.1#	14,011	2,922	14,011	4,385

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

33. Comments I certify that all conditions in the original permit/sundries are the same except revised SHL, distances, depth, csg/cmt. There are no changes to land use, well construction or the lease. This pad is built. No expansion/additional disturbance will occur. Closed Loop system will be used.

34. Location ID: _____ 335542 _____

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: Ashlie Mihalcin

Title: Permit Representative Date: _____ Email: amihalcin@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 13225 00

CONDITIONS OF APPROVAL, IF ANY:

Attachment Check List

Att Doc Num	Name	Doc Description
400012290	DEVIATED DRILLING PLAN	ANTERO VALLEY FARMS E-7 P05.pdf
400012291	WELL LOCATION PLAT	Pad E Well 7 Sheet 9-28-209.pdf
400012292	30 DAY NOTICE LETTER	Valley Farms Pad E 305 306 waiver refile resent 6-23-09.pdf
400012294	WAIVERS	Valley Farms Pad E 305 306 waiver signed 6-25-09.pdf

Total Attach: 4 Files