

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:

400014201

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: Ashlie Mihalcin Phone: (303)357-7323 Fax: (303)357-7315
Email: amihalcin@anteroresources.com

7. Well Name: Gentry Well Number: E10

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

9. Proposed Total Measured Depth: 8774

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 17 Twp: 6S Rng: 92W Meridian: 6

Latitude: 39.521634 Longitude: -107.694112

Footage at Surface: 778 FNL/FSL FSL 1628 FEL/FWL FWL

11. Field Name: Mamm Creek Field Number: 52500

12. Ground Elevation: 5664 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 01/29/2007 PDOP Reading: 1.2 Instrument Operator's Name: Scott E. Aibner

15. If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1233 FSL 613 FWL FWL Bottom Hole: FNL/FSL 1233 FSL 613 FWL FWL

Sec: 17 Twp: 6S Rng: 92W Sec: 17 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: 770 ft

18. Distance to nearest property line: 300 ft 19. Distance to nearest well permitted/completed in the same formation: 291 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	191-25	320	S/2
Williams Fork	WMFK	191-24	320	S/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):
Refer back to "Exhibit A" -Sec 17 SWNW, NWSW, SWSW; Sec 18 NE/4, NESE, NWSE, SWSE, E/2NENW, E/2SENW, E/2NESW, E/2SESW

25. Distance to Nearest Mineral Lease Line: 610 ft 26. Total Acres in Lease: 320

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#	50	148	50	0
SURF	12+1/4	8+5/8	24#	900	381	900	0
2ND	7+7/8	5+1/2	17#	8,774	777	8,774	4,459

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

33. Comments I certify that all conditions in the original permit are the same except updated #19 distance. 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. Initial Rule 306 Consultation took place on 7/16/2009.

34. Location ID: 335547

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 15804 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
400018044	30 DAY NOTICE LETTER	Gentry E Pad 305-306 Waiver letter sent 5-28-09 (COGCC Copy).pdf

Total Attach: 1 Files