

STATE OF IOWA
DEPARTMENT OF COMMERCE
UTILITIES BOARD

IN RE: MIDAMERICAN ENERGY COMPANY	DOCKET NO. P-46
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PIPELINE PERMIT

(Issued August 6, 2008)

Permit No. R1235 Lateral Red Oak-Shenandoah Lateral

Permission is hereby granted to MidAmerican Energy Company to construct, operate, and maintain pipelines in Montgomery and Page counties, Iowa, for the transportation of natural gas at a maximum operating pressure of 450 psig for approximately 30.02 miles over the route attached to and incorporated by reference in this permit.

Permit No. R1235 is granted subject to the provisions of Iowa Code Chapter 479 (2007), 199 Iowa Administrative Code Chapters 9 and 10 (2008), and the May 8, 2008, "Proposed Decision and Order Granting Permit" issued in this docket.

Permit No. R1235 shall be effective until August 6, 2033, unless revoked, terminated, or amended by the Utilities Board.

UTILITIES BOARD

/s/ John R. Norris

Chairman

ATTEST:

/s/ Judi K. Cooper

Executive Secretary

Dated at Des Moines, Iowa, this 6th day of August, 2008.

MIDAMERICAN ENERGY COMPANY

EXHIBIT "A"

**DESCRIPTION OF ROUTE OF
GAS TRANSMISSION LINE IN MONTGOMERY COUNTY, IOWA**

Eight-Inch Steel High Pressure Pipeline

Beginning at the existing facilities of Natural Gas Pipeline Company of America approximately 0.4 miles South of the Northwest corner of Section 35, Township 73 North, Range 38 West of the 5th P.M., Montgomery County, Iowa; thence Southerly, on private property east of and parallel with the West line of said Section 35, a distance of approximately 0.1 miles in the Northwest Quarter (NW ¼) of said Section 35; thence continuing Southerly, on private property east of and parallel with the West line of said Section 35, a distance of approximately 0.5 miles through the Southwest Quarter (SW ¼) of said Section 35; thence continuing Southerly, on private property East of and parallel with the West line of Section 2, a distance of approximately 0.5 miles through the Northwest Quarter (NW ¼) of Section 2, Township 72 North Range 38 West of the 5th P.M., Montgomery County, Iowa; thence continuing Southerly, on private property East of and parallel with the West line of said Section 2, a distance of approximately 0.5 miles through the Southwest Quarter (SW ¼) of said Section 2; thence continuing Southerly, on private property East of and parallel with the West line of Section 11, a distance of approximately 0.5 miles through the Northwest Quarter (NW ¼) of Section 11, said Township and Range; thence continuing Southerly, on private property East of and parallel with the West line of said Section 11, a distance of approximately 0.5 miles through the Southwest Quarter (SW ¼) of said Section 11; thence continuing Southerly, on private property East of and parallel with the West line of Section 14, a distance of approximately 0.35 miles in the Northwest Quarter (NW ¼) of Section 14, said Township and Range; thence South-Southeasterly, on private property, a distance of approximately 0.20

miles, in the Northwest Quarter (NW ¼) of said Section 14; thence Southerly, on public property, a distance of approximately 0.5 miles in the Southwest Quarter (SW ¼) of said Section 14; thence South-Southwesterly, on public property, a distance of approximately 0.35 miles in the Northwest Quarter (NW ¼) of Section 23, said Township and Range; thence continuing South-Southwesterly, in public right-of-way across US Highway 34, a distance of approximately 0.02 miles, in the Northwest Quarter (NW ¼) of said Section 23; thence continuing South-Southwesterly, on private property, a distance of approximately 0.12 miles, in the Northwest Quarter (NW ¼) of said Section 23; thence Southerly, on private property, a distance of approximately 0.53 miles in the Southwest Quarter (SW ¼) of said Section 23; thence continuing Southerly, on private property, a distance of approximately 0.13 miles in the Northwest Quarter (NW ¼) of said Section 26; thence South-Southwesterly, on private property, a distance of approximately 0.05 miles, in the Northwest Quarter (NW ¼) of said Section 26; thence continuing South-Southwesterly, on private property, a distance of approximately 0.09 miles in the Northeast Quarter (NE ¼) of said Section 27; thence Southerly, on private property, a distance of approximately 0.14 miles in the Northeast Quarter (NE ¼) of said Section 27; thence continuing Southerly crossing the Burlington Northern Santa Fe Railroad within Railroad right-of way, a distance of approximately 0.05 miles in the Northeast Quarter (NE ¼) of said Section 27; thence continuing Southerly, on private property, a distance of approximately 0.04 miles in the Northeast Quarter (NE ¼) of said Section 27; thence continuing Southerly, on private property, a distance of approximately 0.5 miles through the Southeast Quarter (SE ¼) of said Section 27; thence continuing Southerly, on private property, a distance of approximately 0.5 miles in the Northeast Quarter (NE ¼) of Section 34, said Township and Range; thence westerly, in public right-of-way along and parallel with the North road right-of-way line, a distance of approximately 0.20 miles in the Northeast Quarter (NE ¼) of said Section 34; thence South-Southwesterly, on private property, a distance of approximately 0.49 miles in the Southeast Quarter (SE ¼) of said Section 34; thence continuing South-Southwesterly, on private

property, a distance of approximately 0.07 miles in the Southwest Quarter (SW ¼) of Section 34, Township 72 North, Range 38 West of the 5th P.M., Montgomery County, Iowa; thence continuing South-Southwesterly, on private property, a distance of approximately 0.52 miles in the Northwest Quarter of Section 3, Township 71 North, Range 38 West of the 5th P.M., Montgomery County, Iowa; thence continuing South-Southwesterly, on private property, a distance of approximately 0.52 miles in the Southwest Quarter (SW ¼) of said Section 3; thence continuing South-Southwesterly, on private property, a distance of approximately 0.01 miles in the Northwest Quarter (NW ¼) of Section 10, said Township and Range; thence continuing South-Southwesterly, on private property, a distance of approximately 0.52 miles in the Northeast Quarter (NE ¼) of Section 9, said Township and Range; thence continuing South-Southwesterly, on private property, a distance of approximately 0.53 miles through the Southeast Quarter (SE ¼) of said Section 9; thence continuing South-Southwesterly, on private property, a distance of approximately 0.24 miles through the Northeast Quarter (NE ¼) of Section 16, said Township and Range; thence continuing South-Southwesterly, on private property, a distance of approximately 0.29 miles through the Northwest Quarter (NW ¼) of Section 16, said Township and Range; thence continuing South-Southwesterly, on private property, a distance of approximately 0.52 miles through the Southwest Quarter (SW ¼) of said Section 16; thence continuing South-Southwesterly, on private property, a distance of approximately 0.52 miles through the Northwest Quarter (NW ¼) of Section 21, said Township and Range; thence continuing South-Southwesterly, on private property, a distance of approximately 0.15 miles in the Southwest Quarter (SW ¼) of said Section 21 to a point that is approximately 0.35 miles North of the Southwest corner of said Section 21; thence Westerly across Iowa Highway 48 and on public right-of-way, a distance of approximately 0.01 miles, to a point that is approximately 0.35 miles north of the Southeast corner of Section 20, said Township and Range; thence South-Southwesterly, on private property, a distance of approximately 0.41 miles through the Southeast Quarter (SE ¼) of said Section 20; thence continuing South-Southwesterly,

on private property, a distance of approximately 0.55 miles through the Northeast Quarter (NE ¼) of Section 29, said Township and Range; thence continuing South-Southwesterly, on private property, a distance of approximately 0.02 miles through the Southeast Quarter (SE ¼) of said Section 29; thence continuing South-Southwesterly, on private property, a distance of approximately 0.53 miles through the Southwest Quarter (SW ¼) of said Section 29; thence continuing South-Southeasterly, on private property, a distance of approximately 0.02 miles in the Northwest Quarter (NW ¼) of Section 32, said Township and Range; thence Southerly, on private property, a distance of approximately 0.48 miles in the Northwest Quarter (NW ¼) of said Section 32; thence South-Southwesterly, on private property, a distance of approximately 0.40 miles in the Southwest Quarter (SW ¼) of said Section 32; thence Southerly, on private property east of and parallel to the East line of said Section 32, a distance of approximately 0.12 miles in the Southwest Quarter (SW ¼) of said Section 32; thence South-Southwesterly, in public right-of-way, a distance of approximately 0.01 miles in the Southwest Quarter (SW ¼) of Section 32, Township 71 North, Range 38 West of the 5th P.M., Montgomery County, Iowa, to a point that is approximately 10 feet east of the Southwest corner of said Section 32.

Total distance of 8" pipeline is approximately 13.30 miles.

MIDAMERICAN ENERGY COMPANY

EXHIBIT "A"

**DESCRIPTION OF ROUTE OF
GAS TRANSMISSION LINE IN MONTGOMERY COUNTY, IOWA**

Four-Inch Steel High Pressure Pipeline

Commencing at the existing facilities of MidAmerican Energy Company approximately 35 feet east of the West Section line and approximately 0.25 miles North of the Southwest corner of Section 23, Township 72 North, Range 38 West of the 5th P.M., Montgomery County, Iowa; thence Westerly, on private property, a distance of approximately 0.01 miles through the Southwest Quarter (SW ¼) of said Section 23; thence continuing Westerly, on private property, a distance of approximately 0.49 miles in the Southeast Quarter (SE ¼) of Section 22, said Township and Range; thence continuing Westerly, in public right-of-way, a distance of approximately 0.01 miles into the Southwest Quarter (SW ¼) of said Section 22; thence Northerly, in public right-of-way along and parallel with the West road right-of-way line, a distance of approximately 0.07 miles in the Southwest Quarter (SW ¼) of said Section 22 and terminating at the Red Oak Town Regulator Station of MidAmerican Energy Company in the Northeast Quarter (NE ¼) of the Southwest Quarter (SW ¼) of said Section 22, all in Montgomery County, Iowa.

Total distance of 4" is approximately 0.58 miles.

MIDAMERICAN ENERGY COMPANY

EXHIBIT "A"

**DESCRIPTION OF ROUTE OF
GAS TRANSMISSION LINE IN MONTGOMERY COUNTY, IOWA**

Four-Inch Plastic Pipeline

Commencing at the existing facilities of MidAmerican Energy Company approximately 100 feet east of the West Section line and approximately 30 feet North of the Southwest corner of Section 23, Township 72 North, Range 38 West of the 5th P.M., Montgomery County, Iowa; thence Easterly, in public right-of-way along and parallel with the South line of said Section 23, a distance of approximately 0.34 miles in the Southwest Quarter (SW $\frac{1}{4}$) of said Section 23; thence Southerly, in public right-of-way, a distance of approximately 0.01 miles into the Northwest Quarter (NW $\frac{1}{4}$) of Section 26, of said Township and Range; thence Easterly in public right-of-way along and parallel with the North line of said Section 26, a distance of approximately 0.14 miles through the Northwest Quarter (NW $\frac{1}{4}$) of said Section 26; thence continuing Easterly in public right-of-way along and parallel with the North line of said Section 26, a distance of approximately 0.50 miles through the Northeast Quarter (NE $\frac{1}{4}$) of said Section 26; thence continuing Easterly in public right-of-way along and parallel with the North line of Section 25, a distance of approximately 0.27 miles in the Northwest Quarter (NW $\frac{1}{4}$) of Section 25, said Township and Range; thence South-Southeasterly in public right-of-way along and parallel with the Southerly right-of-way line of US Highway 34, a distance of 0.27 miles through the Northwest Quarter (NW $\frac{1}{4}$) of said Section 25; thence continuing Southeasterly in public right-of-way along and parallel with the Southerly right-of-way line of US Highway 34, a distance of 0.58 miles through the Northeast Quarter (NE $\frac{1}{4}$) of said Section 25; thence continuing Southeasterly in public right-of-way along and parallel with the Southerly right-of-way line of US Highway 34, a distance of 0.17 miles through the Northwest Quarter (NW $\frac{1}{4}$) of Section 30, Township 72 North, Range 37 West of the 5th P.M., Montgomery

County, Iowa; thence continuing Southeasterly in public right-of-way along and parallel with the Southerly right-of-way line of US Highway 34, a distance of 0.38 miles through the Southwest Quarter (SW ¼) of said Section 30; thence continuing Southeasterly in public right-of-way along and parallel with the Southerly right-of-way line of US Highway 34, a distance of 0.53 miles through the Southeast Quarter (SE ¼) of said Section 30; thence continuing Southeasterly in public right-of-way along and parallel with the Southerly right-of-way line of US Highway 34, a distance of 0.30 miles through the Southwest Quarter (SW ¼) of Section 29, said Township and Range; thence continuing Southeasterly in public right-of-way along and parallel with the Southerly right-of-way line of US Highway 34, a distance of 0.25 miles through the Northwest Quarter (NW ¼) of Section 32, said Township and Range; thence continuing Southeasterly in public right-of-way along and parallel with the Southerly right-of-way line of US Highway 34, a distance of 0.55 miles through the Northeast Quarter (NE ¼) of said Section 32; thence continuing Southeasterly in public right-of-way along and parallel with the Southerly right-of-way line of US Highway 34, a distance of 0.41 miles through the Northwest Quarter (NW ¼) of Section 33, said Township and Range; thence continuing Southeasterly in public right-of-way along and parallel with the Southerly right-of-way line of US Highway 34, a distance of 0.13 miles in the Southwest Quarter (SW ¼) of said Section 33; thence Southerly in public right-of-way along and parallel with the Westerly right-of-way line of a county road, a distance of 0.44 miles in the Southwest Quarter (SW ¼) of said Section 33, and terminating at the Inlet Valve to the City of Stanton in the Southeast Quarter (SE ¼) of the Southwest Quarter (SW ¼) of said Section 33, Township 72 North, Range 37 West of the 5th P.M., Montgomery County, Iowa

Total distance of 4" is approximately 5.27 miles.

MIDAMERICAN ENERGY COMPANY

EXHIBIT "A"

DESCRIPTION OF ROUTE OF
GAS TRANSMISSION LINE IN PAGE COUNTY, IOWA

Eight-Inch and Six-Inch Steel High Pressure Pipeline

Commencing at approximately 10 feet East of the Northwest corner of Section 5, Township 70 North, Range 38 West of the 5th P.M., Page County, Iowa; thence South-Southwesterly, in public right-of-way, a distance of approximately 0.01 miles into the Northwest Quarter (NW ¼) of said Section 5, thence Southerly, in public right-of-way along and parallel with the West line of said Section 5, a distance of approximately 0.23 miles in the Northwest Quarter (NW ¼) of said Section 5; thence Southwesterly, on private property, a distance of approximately 0.34 miles in the Northeast Quarter (NE ¼) of Section 6, said Township and Range; thence continuing Southwesterly, on private property, a distance of approximately 0.05 miles in the Southeast Quarter (SE ¼) of said Section 6; thence South-Southwesterly, on private property, a distance of approximately 0.24 miles in the Southeast Quarter (SE ¼) of said Section 6, to a point that is approximately 0.25 miles North and 0.25 miles West of the Southeast corner of Section 6, Township 70 North, Range.38 West of the 5th P.M., Page County, Iowa.

Total distance of 8-inch pipeline is approximately 0.87 miles.

A 6-inch gas pipeline beginning approximately 0.25 miles North and 0.25 miles West of the Southeast corner of Section 6, Township 70 North, Range 38 West of the 5th P.M., Page County, Iowa; thence South-Southwesterly, on private property, a distance of approximately 0.25 miles in the Southeast Quarter (SE ¼) of said Section 6; thence continuing Southerly, on public right-of-way, a distance of approximately 0.01 miles into the Northeast Quarter (NE ¼) of Section 7, said Township and Range;

thence South-Southwesterly, on private property, a distance of approximately 0.04 miles through the Northeast Quarter (NE ¼) of said Section 7; thence continuing South-Southwesterly, on private property, a distance of approximately 0.52 miles through the Northwest Quarter (NW ¼) of said Section 7; thence continuing South-Southwesterly, on private property, a distance of approximately 0.49 miles in the Southwest Quarter (SW ¼) of said Section 7; thence Southerly, on private property, a distance of approximately 0.04 miles, in the Southwest Quarter (SW ¼) of said Section 7; thence continuing Southerly, on public right-of-way, a distance of approximately 0.01 miles into the Northwest Quarter (NW ¼) of Section 18, said Township and Range; thence continuing South-Southwesterly, on private property, a distance of approximately 0.26 miles through the Northwest Quarter (NW ¼) of said Section 18; thence continuing South-Southwesterly, on private property, a distance of approximately 0.28 miles, in the Northeast Quarter (NE ¼), of Section 13, said Township and Range; thence continuing South-Southwesterly, on private property, a distance of approximately 0.53 miles through the Southeast Quarter (SE ¼) of said Section 13; thence continuing South-Southwesterly, on private property, a distance of approximately 0.54 miles through the Northeast Quarter (NE ¼) of Section 24, said Township and Range; thence continuing South-Southwesterly, on private property, a distance of approximately 0.16 miles through the Southeast Quarter (SE ¼) of said Section 24; thence continuing South-Southwesterly, on private property, a distance of approximately 0.40 miles in the Southwest Quarter (SW ¼) of said Section 24; thence Southerly across Iowa Highway 48 and on public right-of-way, a distance of approximately 0.01 miles through the Southwest Quarter (SW ¼) of said Section 24; thence continuing Southwesterly, on private property, a distance of approximately 0.59 miles, through the Northwest Quarter (NW ¼) of Section 25, said Township and Range; thence continuing Southwesterly, on private property, a distance of approximately 0.01 miles through the Northeast Quarter (NE ¼) of Section 26, said Township and Range; thence continuing Southwesterly, on private property, a distance of approximately 0.56 miles through the Southeast Quarter (SE ¼) of said Section

26; thence continuing Southwesterly, on private property, a distance of approximately 0.38 miles through the Northeast Quarter (NE ¼) of Section 35, said Township and Range; thence continuing Southwesterly, on private property, a distance of approximately 0.32 miles through the Northwest Quarter (NW ¼) of said Section 35; thence continuing Southwesterly, on private property, a distance of approximately 0.42 miles through the Southwest Quarter (SW ¼) of said Section 35; thence continuing Southwesterly, on private property, a distance of approximately 0.30 miles through the Southeast Quarter (SE ¼) of Section 34, Township 70 North, Range 39 West of the 5th P.M., Page County, Iowa; thence continuing Southwesterly, on private property, a distance of approximately 0.42 miles through the Northeast Quarter (NE ¼) of Section 3, Township 69 North, Range 39 West of the 5th P.M., Page County, Iowa, thence continuing Southwesterly, on private property, a distance of approximately 0.25 miles through the Northwest Quarter (NW ¼) of said Section 3; thence South-Southwesterly, on private property, a distance of approximately 0.52 miles through the Southwest Quarter (SW ¼) of said Section 3; thence continuing South-Southwesterly, on private property, a distance of approximately 0.30 miles through the Northwest Quarter of Section 10, said Township and Range; thence Southwesterly, on private property, a distance of approximately 0.32 miles through the Northeast Quarter (NE ¼) of Section 9, said Township and Range; thence continuing Southwesterly, on private property, a distance of approximately 0.42 miles through the Southeast Quarter (SE ¼) of said Section 9; thence continuing Southwesterly, on private property, a distance of approximately 0.28 miles through the Southwest Quarter (SW ¼) of said Section 9; thence continuing Southwesterly, on private property, a distance of approximately 0.45 miles through the Northwest Quarter (NW ¼) of Section 16, said Township and Range; thence continuing Southwesterly, on private property, a distance of approximately 0.26 miles through the Northeast Quarter (NE ¼) of Section 17, said Township and Range; thence continuing Southwesterly, on private property, a distance of approximately 0.49 miles through the Southeast Quarter (SE ¼) of said Section 17; thence continuing Southwesterly, on private property, a distance of

approximately 0.17 miles in the Southwest Quarter (SW $\frac{1}{4}$) of said Section 17, to a point that is located in the Southeast Quarter of the Southwest Quarter (SE $\frac{1}{4}$ SW $\frac{1}{4}$) of Section 17, Township 69 North, Range 39 West of the 5th P.M., Page County, Iowa, to the Shenandoah Town Border Station.

Total distance of 6" pipeline is approximately 10.00 miles.