## BEFORE THE OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF COLORADO

IN THE MATTER OF THE PROMULGATION	)	CAUSE NO. 535
AND ESTABLISHMENT OF FIELD RULES TO	)	
GOVERN OPERATIONS IN AN UNNAMED	)	DOCKET NO. To be assigned
FIELD, WELD COUNTY, COLORADO	)	

#### APPLICATION

EOG Resources, Inc. ("EOG" or "Applicant"), by and through its attorneys, Burleson LLP, respectfully submits this Application to the Oil and Gas Conservation Commission of the State of Colorado (the "Commission") for an order: (1) vacating the approximate 640-acre drilling and spacing unit established for Section 21, Township 10 North, Range 60 West, 6<sup>th</sup> P.M., for the production of oil, gas and associated hydrocarbons from the Niobrara Formation; and (2) establishing an approximate 1,280-acre stand-up exploratory drilling unit consisting of said Section 21 and Section 16, Township 10 North, Range 60 West, 6<sup>th</sup> P.M., for horizontal and vertical well development, for the production of oil, gas and associated hydrocarbons from the Niobrara Formation. In support of its Application, Applicant states and alleges as follows:

- 1. Applicant is a corporation duly authorized to conduct business in the State of Colorado, and has registered as an operator with the Commission.
  - 2. Applicant owns substantial leasehold interests in the below-listed lands:

Township 10 North, Range 60 West, 6<sup>th</sup> P.M. Section 16: All Section 21: All

These lands are hereinafter referred to as the "Application Lands." A map depicting the acreage comprising the Application Lands is attached hereto and marked as <u>Exhibit A</u>.

### Vacating the Established 640-Acre Drilling and Spacing Unit

- 3. On or about June 27, 2011, the Commission entered Order No. 535-28, which, among other things, established 640-acre drilling and spacing units for certain lands, including Section 21, Township 10 North, Range 60 West, 6<sup>th</sup> P.M., and approved one horizontal well for each unit, for the production of oil, gas and associated hydrocarbons from the Niobrara Formation, with the surface location for any permitted well to be located anywhere upon the drilling and spacing unit, and the treated interval of the wellbore to be no closer than 600 feet from the boundaries of the unit, without exception being granted by the Director.
- 4. Applicant herein requests the establishment of an approximate 1,280-acre stand-up exploratory drilling unit for the Application Lands for horizontal and vertical well development, for the production of oil, gas and associated hydrocarbons from the Niobrara Formation, and by so doing, it is necessary to vacate the 640-acre drilling and spacing unit previously established for Section 21, Township 10 North, Range 60 West, 6<sup>th</sup> P.M. At present, one horizontal well is authorized for the existing 640-acre drilling and spacing unit; however, by establishing an approximate 1,280-acre stand-up exploratory drilling unit, additional wells (either

horizontal or vertical) may be drilled which will allow the Niobrara Formation underlying the Application Lands to be more efficiently and economically drained without promoting waste of the resource.

5. EOG has obtained an Application for Permit-to-Drill ("APD"), Form 2, for the Sligo Ridge #19-21H Well, API #05-123-33387, a planned horizontal well for Section 21, Township 10 North, Range 60 West, 6<sup>th</sup> P.M., under Order No. 535-28. Under this Application, EOG is not requesting a change to the unit acreage assigned to the Sligo Creek #19-21H Well, and the distribution of the proceeds from the well will be allocated on a 640-acre basis.

#### Establishment of the 1,280-acre Stand-up Exploratory Drilling Unit

- 6. The geologic strata subject to this request for unitization as an stand-up exploratory drilling unit is the Niobrara Formation, found at a depth of 6,667 feet below ground surface in the Jake #2-01H Well, API #05-123-30574, whose surface location is in the SE½ NW½ of Section 1, Township 11 North, Range 63 West, 6<sup>th</sup> P.M., and known to be a common source of supply.
- 7. Section 16, Township 10 North, Range 60 West, 6<sup>th</sup> P.M., is unspaced with respect to the Niobrara Formation, which is a common source of supply underlying said lands and, as such, Rule 318.a. applies to said land and under said rule, wells greater than 2,500 feet in depth shall be located not less than 600 feet from any lease line, and shall not be located less than 1,200 feet from any other producible or drilling well when drilling to the same common source of supply, unless authorized by order of the Commission upon hearing.
- 8. Applicant requests the Commission establish the Application Lands as an approximate 1,280-acre stand-up exploratory drilling unit for the Niobrara Formation pursuant to Rule 503.b.(1) and §34-60-116(2), C.R.S. For the Application Lands, the proposed stand-up exploratory drilling unit is not smaller than the maximum area that can be economically and efficiently drained by the wells proposed to be drilled under this Application and completed in the Niobrara Formation.
- 9. Applicant requests it be authorized to drill and complete one or more horizontal wells in the approximate 1,280-acre stand-up exploratory drilling unit for the Application Lands, for the production of oil, gas and associated hydrocarbons from the Niobrara Formation, as necessary to economically and efficiently recover resources, while minimizing surface impacts, creating efficiencies for drilling and production, increasing the ultimate recovery of the reserves, preventing waste, and protecting correlative rights.
- 10. In addition to the proposed horizontal wells, Applicant requests it be authorized to drill and complete one or more new vertical or directional wells in the approximate 1,280-acre stand-up exploratory drilling unit for the Application Lands, for the production of oil, gas and associated hydrocarbons from the Niobrara Formation, as necessary and for those same reasons set forth in Paragraph 9.
- 11. Applicant states that wells to be drilled under this Application, whether horizontal, vertical or directional, should be drilled from a new, common or existing well pad,

with no more than one well pad per quarter quarter section, without exception being granted by the Director.

12. Applicant states that for any permitted wells to be drilled under this Application, the bottomhole location or, in the case of horizontal wells, the treated intervals of the wellbore, should be not less than 600 feet from the outer boundary of the proposed stand-up exploratory drilling unit and not less than 460 feet from any other well or treated interval of a well producing from the Niobrara Formation, without exception being granted by the Director.

\* \* \*

- 13. The granting of this Application is in accord with the Oil and Gas Conservation Act, found at §34-60-101, et seq., C.R.S., and the Commission rules.
- 14. That the names and addresses of the interested parties (owners within the proposed stand-up exploratory drilling unit) according to the information and belief of the Applicant are set forth in <u>Exhibit B</u> attached hereto. The Applicant shall submit a certificate of service for the Application within the seven days as required by Rule 503.e.

WHEREFORE, Applicant respectfully requests that this matter be set for hearing, that notice be given as required by law and that upon such hearing this Commission enter its order:

- A. Vacating the approximate 640-acre drilling and spacing unit established for Section 21, Township 10 North, Range 60 West, 6<sup>th</sup> P.M., for the production of oil, gas and associated hydrocarbons from the Niobrara Formation.
- B. Establishing an approximate 1,280-acre stand-up exploratory drilling unit for the Application Lands, for horizontal and vertical well development, for the production of oil, gas and associated hydrocarbons from the Niobrara Formation.
- C. Requiring that any permitted wells to be drilled under this Application, whether horizontal, vertical or directional, should be drilled from a new, common or existing well pad, with no more than one well pad per quarter quarter section, without exception being granted by the Director.
- D. Requiring that any permitted wells to be drilled under this Application, the bottomhole location or, in the case of horizontal wells, the treated intervals of the wellbore, should be not less than 600 feet from the outer boundary of the proposed stand-up exploratory drilling unit and not less than 460 feet from any other well or treated interval of a well producing from the Niobrara Formation, without exception being granted by the Director.
- E. For such other findings and orders as the Commission may deem proper or advisable in the premises.

DATED this /4th day of September, 2012.

Respectfully submitted,

EOG RESOURCES, INC

Robert A. Willis (Colorado Bar No. 26308)

Burleson LLP Wells Fargo Center

1700 Lincoln Street, Suite 1300

Denver, CO 80203 (303) 801-3200

Applicant's Address: 600 17th Street, Suite 1100 Denver, CO 80202

#### **VERIFICATION**

STATE OF COLORADO

) ss.

CITY & COUNTY OF DENVER

Jason McLaren, Landman for EOG Resources, Inc., upon oath deposes and says that he has read the foregoing Application and that the statements contained therein are true to the best of his knowledge, information and belief.

EOG RESOURCES, INC.

Subscribed and sworn to before me this \_\_\_\_\_ day of September, 2012, by Jason McLaren, Landman for EOG Resources, Inc.

Witness my hand and official seal.

My commission expires: 8 16

SARAH E. NICHOLSON NOTARY PUBLIC STATE OF COLORADO NOTARY ID 20124053832

MY COMMISSION EXPIRES AUGUST 16, 2016

Notary Public

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<b>Exhibit A</b> Application Map	32	. in	œ	71	20	29	32
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#### EXHIBIT B

#### INTERESTED PARTIES

The names and addresses of the interested parties (owners within Sections 16 and 21, Township 10 North, Range 60 West, 6<sup>th</sup> P.M.) according to the information and belief of the Applicant are set forth in this <u>Exhibit B</u>.

EOG Resources, Inc. 600 17th Street, Suite 1100 Denver, CO 80202

Noble Energy, Inc. 1625 Broadway Denver, CO 80202

Kim Kaal Energy Liaison Colorado Division of Wildlife 711 Independent Avenue Grand Junction, CO 81505

David Bauer Weld County LGD 1111 H Street Greeley, CO 80632 Robert A. Willis Burleson LLP 1700 Lincoln St., Suite 1300 Denver, CO 80203

State of Colorado, acting by and through the State Board of Land Commissioners 1127 Sherman Street, Suite 300 Denver, CO 80203

Kent Kuster Colorado Department of Public Health and Environment 4300 Cherry Creek Drive South Denver, CO 80246

# BEFORE THE OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF COLORADO

IN THE MATTER OF THE PROMULGATION AND ESTABLISHMENT OF FIELD RULES TO			CAUSE NO. 535					
GOVERN OPERATIONS IN AN UNNA FIELD, WELD COUNTY, COLORADO	MED	)	DOCKET NO. 1211-SP-144					
AFFIDAVIT OF MAILING								
STATE OF COLORADO	)							
CITY AND COUNTY OF DENVER	)ss. )							
Jessica Rauh, of lawful age, and be that she caused a copy of the Applicati North, Range 60 West, 6 <sup>th</sup> P.M.) in the States Mail, postage prepaid, addressed to day of September 2012.	on (for the above-caption	spacing of oned matte	Sections 16, 21, Township 10 r to be deposited in the United					
		ssica Rauh	ra Rauh					
Subscribed and sworn to before me on the 20 day of September, 2012.								
Witness my hand and official seal	Jan Notary P	Cy+	Weber					
	My comr	nission exp	pires: 1/15/2013					
NANCY R. WEBER Notary Public State of Colorado								

mussion Expires \_\_\_\_\_

#### **EXHIBIT A**

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