

# **Savage and Savage** *Environmental*

*practical solutions for environmental issues*

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June 26, 2013

Matt Verbit  
Noble Energy, Inc.  
2115 117th Avenue  
Greeley, Colorado 80634

**RE: Noble Energy, Inc., Five Rivers K07-64-1HN, K07-63-1HN, K07-62-1HN,  
and K18-69HN Proposed Well Development Sites**

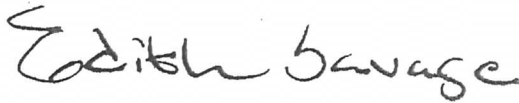
Mr. Verbit:

On June 14, 2013 Savage and Savage met with Jeff Behncke of Colorado Parks and Wildlife along with Noble Energy staff at the proposed Five Rivers K07-64-1HN, K07-63-1HN, K07-62-1HN, and K18-69HN well sites. The wells are located north of the intersection of Colorado State Highway 394 and Weld County Road 29, and are situated between the South Platte River and a large feed lot. The wells lie within Sections 8 and 9, Township 4 North, Range 66 West of the 6th Prime Meridian, Weld County, Colorado. (Noble Energy Five Rivers Wells General Location Map).

According to the Colorado Oil and Gas Conservation Commission wildlife map the wells to be developed are located within sensitive wildlife habitat of a bald eagle winter roost. The wells are scheduled to be developed during the beginning of the upcoming bald eagle winter roost season (November 15 through March 15). According to the Recommended Buffer Zones and Seasonal Restrictions for Colorado Raptors (revised 02/2008) no human encroachment is recommended within a 0.25 mile radius of an active bald eagle winter roost if there is no direct line of sight between the roost and the encroachment activities.

The South Platte River riparian corridor is located between the winter roost and the well development sites. Since there is screening from the riparian corridor there is no direct line of sight from the winter roost to the proposed development sites. Jeff Behncke agreed that no human encroachment is recommended within a 0.25 mile radius of the winter roost. Mr. Behncke also concurred that the Five Rivers K07-64-1HN, K07-63-1HN, K07-62-1HN, and K18-69HN well sites are outside the 0.25 mile radius and could be developed during the bald eagle winter roost season.

Sincerely,

A handwritten signature in black ink that reads "Edith Savage". The signature is written in a cursive, flowing style.

Edith Savage  
Principal

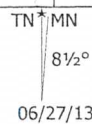
attachment: Noble Energy Five Rivers Wells General Location Map



This topographic map depicts the Johnstown, Colorado area. The Platte River flows from the northwest towards the southeast, with the Johnstown Reservoir located just north of the town of Johnstown. To the east of Johnstown is the town of Milliken, and further east is Peckham. The map shows a grid of section lines and various geographical features including hills, valleys, and smaller water bodies like Spomer Lake and Rahmer Lake. A prominent feature is the 'SOUTH' label with a red dot, likely indicating a specific location of interest. The map also shows the 'PLATTE' river and the 'Johnstown River'. Other towns labeled include Ashcroft, Dent, and Houston. The map includes a grid with section numbers and various labels for roads, ditches, and wells. The map was created with TOPO! software in 2008 by National Geographic.



NATIONAL  
GEOGRAPHIC





## COLORADO PARKS & WILDLIFE

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wildlife.state.co.us • parks.state.co.us

06/30/2013

To whom it concerns:

On 06/14/2013, I met with Savage and Savage and Noble Energy at the proposed Five Rivers well sites. The wells are located north of the intersection of HWY 394 and WCR 29 and south of the South Platte River on JBS/Five Rivers property. The wells lie within Sections 8 and 9, Township 4 North, Range 66 West of the 6<sup>th</sup> PM, Weld County, Colorado.

The Colorado Oil and Gas Conservation Commission wildlife map currently shows a winter bald eagle roost near the proposed well sites. Given the date of our meeting, it could not be determined if a B.E winter roost is still active, or, will be active during the proposed drilling window.

I, along with Savage and Savage and two Noble Energy Representatives walked out to edge of the proposed site footprint. I took measurements from the edge of the footprint to the recorded winter roost site and to other points within the riparian corridor that may be suitable for alternative roost sites. All points measured were outside of the recommended 0.25mi buffer zone. In addition, the recorded B.E winter roost on the north side of the river appeared to have a visual buffer created by the riparian on the south side of the river.

Given the current proposed plans, I have no major concerns regarding B.E roosting sites.

### Jeff Behncke

DWM - Greeley South  
Colorado Parks and Wildlife  
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#### STATE OF COLORADO

John W. Hickenlooper, Governor • Mike King, Executive Director, Department of Natural Resources  
Rick D. Cables, Director, Colorado Parks and Wildlife  
Parks and Wildlife Commission: David R. Brougham • Gary Butterworth, Vice-Chair • Chris Castilian  
Dorothea Farris • Tim Glenn, Chair • Allan Jones • Bill Kane • Gaspar Perricone • Jim Pribyl • John Singletary  
Mark Smith, Secretary • Robert Streeter • Lenna Watson • Dean Wingfield  
Ex Officio Members: Mike King and John Salazar