

1625 Broadway  
Suite 2000  
Denver, CO 80202



Tel: 303.228.4000  
Fax: 303.228.4280  
www.nobleenergyinc.com

May 14, 2012

Colorado Oil and Gas Conservation Commission  
The Chancery Building  
1120 Lincoln Street, Suite 801  
Denver, CO 80203  
Attn: Mr. Thom Kerr, Acting Director

RE: **LORENZ F22-68-1HN**  
Codell/Niobrara New Drill  
Township 5 North, Range 65 West, 6th P.M.  
Section 22: NE/4NE/4: 947' FNL & 310' FEL (Surface Location)  
Section 22: NE/4NE/4: 850' FNL & 733' FEL (Begin Production Location)  
Section 22: NW/4NW/4: 850' FNL & 535' FWL (Bottom Hole Location)  
Weld County, Colorado

Mr. Kerr:

Noble Energy, Inc. ("NEI") is planning to drill the captioned boundary well in accordance with the provisions of COGCC Rule 318A.e.

NEI's proposed wellbore spacing unit consists of the N/2 SEC. 22, T5N, R65W, creating a 320-acre wellbore spacing unit for the Niobrara formation. NEI is not the only owner within the proposed wellbore spacing unit and as such provided notice to the remaining owner(s) within said proposed spacing unit as required under COGCC Rule 318A(I).e(6). Copies of the required notice letter(s) is/are on file at the NEI offices. The required thirty (30) day notice period has elapsed absent the receipt by NEI of an objection to said proposal by the owner(s) within the proposed spacing unit for this well.

Enclosed are copies of the following documents to assist you in your review and approval of NEI's proposed APD for the captioned well:

- Map & plat illustrating proposed wellbore spacing unit.

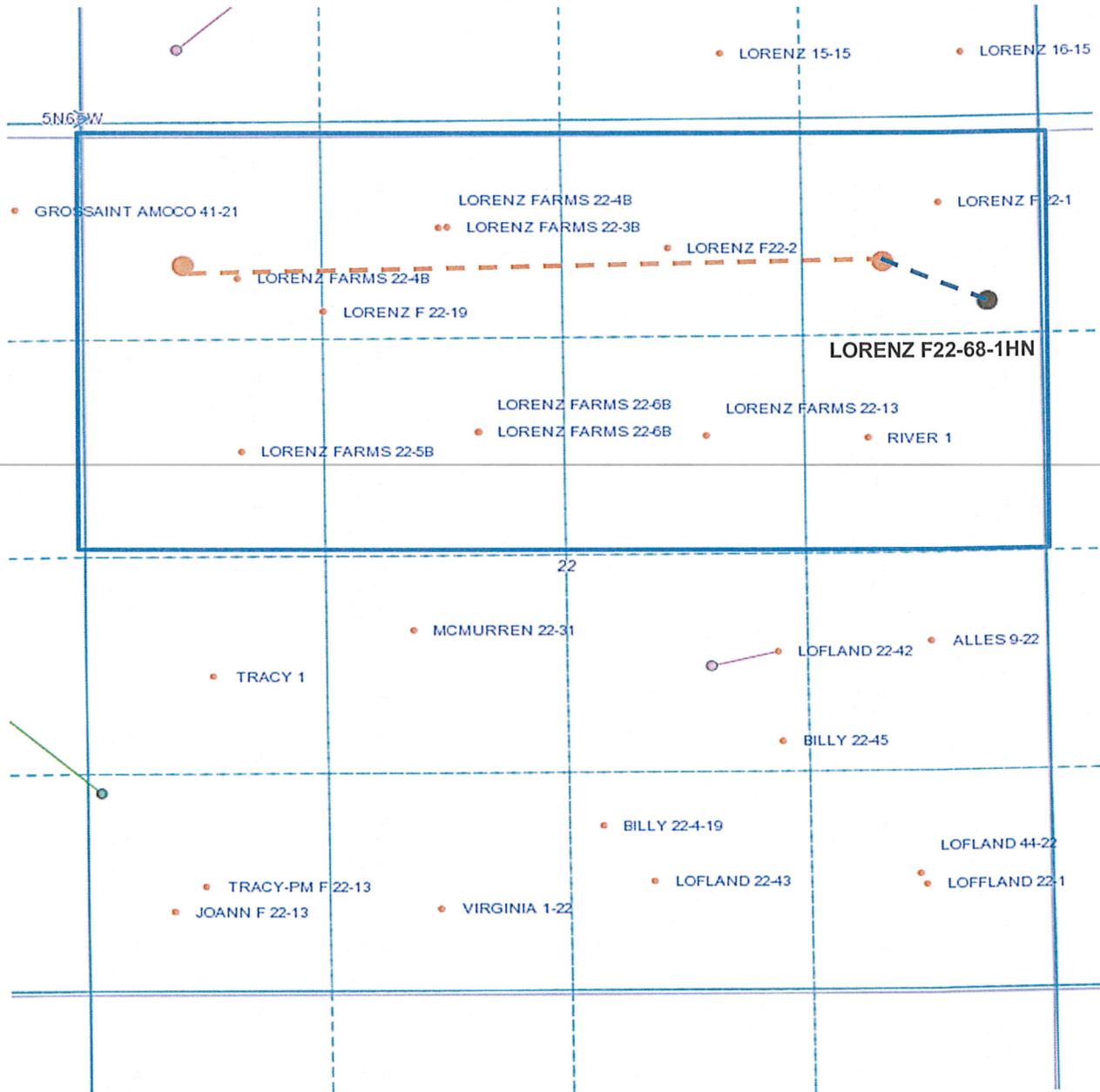
Thank you for your attention to the enclosed. NEI respectfully requests that the COGCC review the enclosed information and approve the Application for Permit to Drill the captioned well.

Sincerely,

A handwritten signature in blue ink that reads 'Jan Kajiwara'.

Jan Kajiwara  
Regulatory Analyst III  
Noble Energy Inc.

LORENZ F22-68-1HN  
 Noble Energy, Inc  
 N/2 Section 22, Township 5 North, Range 65 West



Legend



Proposed 320 acre spacing unit



Bottom Hole Location

Steil Surveying Services, LLC

1102 West 19th Street P.O. BOX 2073

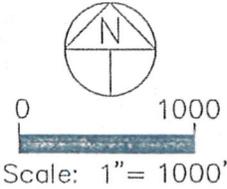
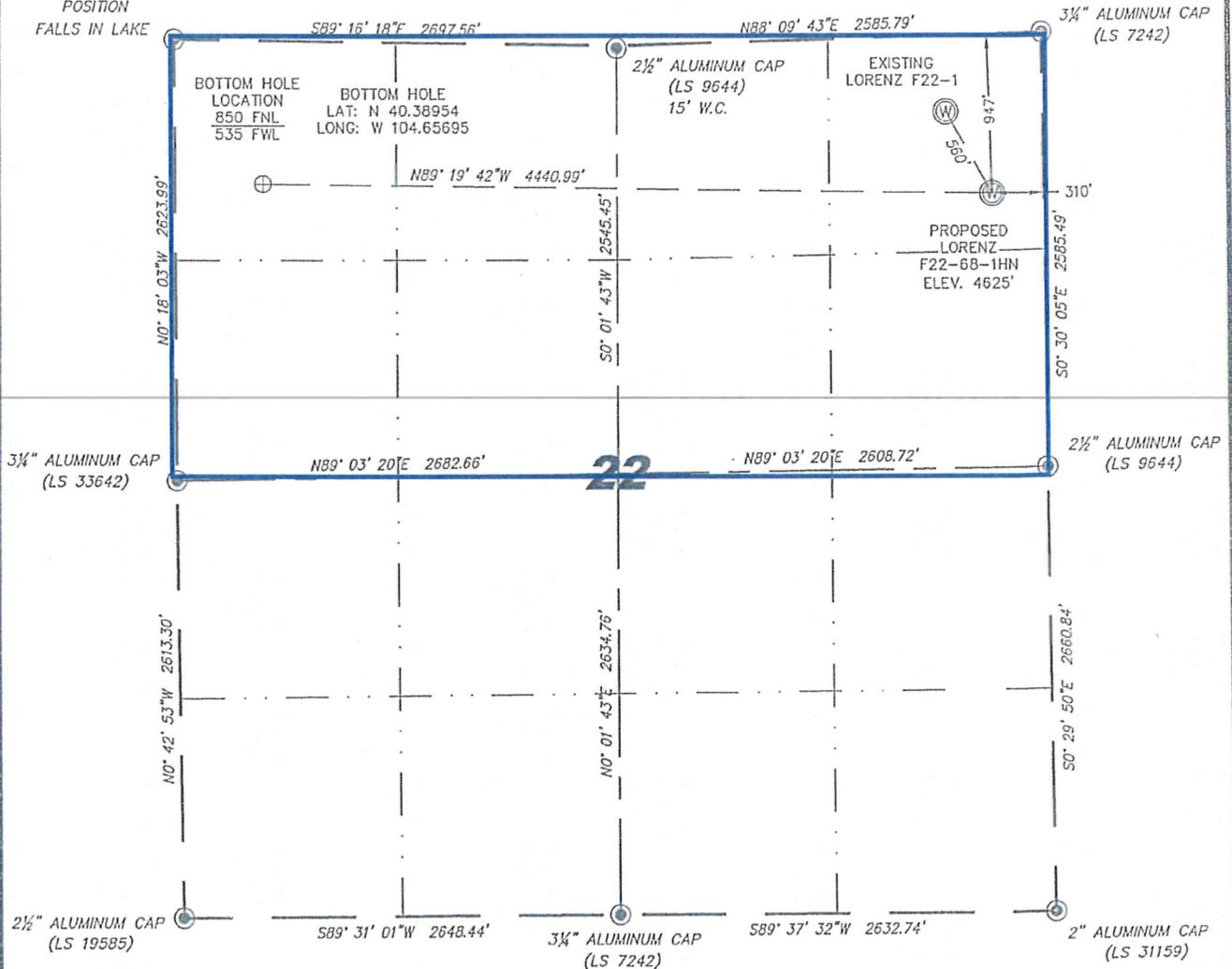
Cheyenne, Wyoming 82009

# WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION 22  
TOWNSHIP 5 NORTH  
RANGE 65 WEST

COMPUTED  
POSITION  
FALLS IN LAKE



IN ACCORDANCE WITH A REQUEST FROM RYAN HAWKINS - NOBLE ENERGY INC, STEIL SURVEYING SERVICES, LLC HAS DETERMINED THE LOCATION OF THE LORENZ F22-68-1HN WELL TO BE 947' FNL, 310' FEL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES, SECTION 22, TOWNSHIP 5 NORTH, RANGE 65 WEST, 6TH PRINCIPLE MERIDIAN, WELD COUNTY, COLORADO.

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME, OR UNDER MY DIRECT SUPERVISION, THAT THE FIELD WORK WAS COMPLETED ON 10/25/2011, FOR AND ON BEHALF OF NOBLE ENERGY INC, THAT IT IS NOT A LAND SURVEY PLAT OR AN IMPROVEMENT SURVEY PLAT, AND THAT IT IS NOT TO BE RELIED UPON FOR ESTABLISHMENT OF FENCE, BUILDING, OR OTHER FUTURE IMPROVEMENT LINES.

**NOTES:**

- 1) BASIS OF BEARINGS FOR THIS MAP ARE BASED UPON GPS OBSERVATIONS MADE ON 11/01/2011 BETWEEN MONUMENTS LOCATED AT THE SOUTHEAST SECTION CORNER AND THE NORTHEAST SECTION CORNER OF SAID SECTION AND WITH ALL BEARINGS SHOWN HEREON RELATIVE THERETO.
- 2) COORDINATES SHOWN ARE COLORADO STATE PLANE (NORTH ZONE) NAD 83.
- 3) ELEVATIONS ARE BASED UPON NGS OPUS SOLUTION NAVD 83 DATUM.
- 4) THE NEAREST EXISTING WELL IS: LORENZ F22-1, 560' NORTHWEST.
- 5) SEE LOCATION DRAWING FOR ALL IMPROVEMENTS WITHIN VISIBLE IMPROVEMENTS LIMIT.
- 6) THE LOCATION FALLS IN PASTURE LAND.

LATITUDE & LONGITUDE (NAD 83 SURFACE HOLE):  
 LATITUDE: N 40.38928'  
 LONGITUDE: W 104.64101'  
 PDOP: 2.1  
 QUARTER-QUARTER: NE/4NE/4  
 NEAREST PROPERTY LINE: 310' TO THE EAST

NOTICE: According to Colorado law you MUST commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any defect in this W.L.C. be commenced more than ten years from this sold date of the certification shown hereon.

- LEGEND**
- (●) FOUND SURVEY MONUMENT PER MONUMENT RECORD - EXCEPTIONS NOTED.
  - (C) CALCULATED DIMENSION



Jeffrey B. Jones  
 Professional Land Surveyor Registration No. 37920  
 State of Colorado

Completed 12/13/2011

JOB #: 11086