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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 F23-31D**
Codell/Niobrara New Drill
Township 5 North, Range 65 West, 6th P.M.
Section 22: NE/4NE/4: 1062' FNL & 310' FEL (Surface Location)
Section 23: SW/4NW/4: 1325' FNL & 75' 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 W/2NW.4 SEC. 23 and E/2NE/4 SEC. 22, T5N, R65W, creating a 160-acre wellbore spacing unit for the Codell/Niobrara formations. 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.(l)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.

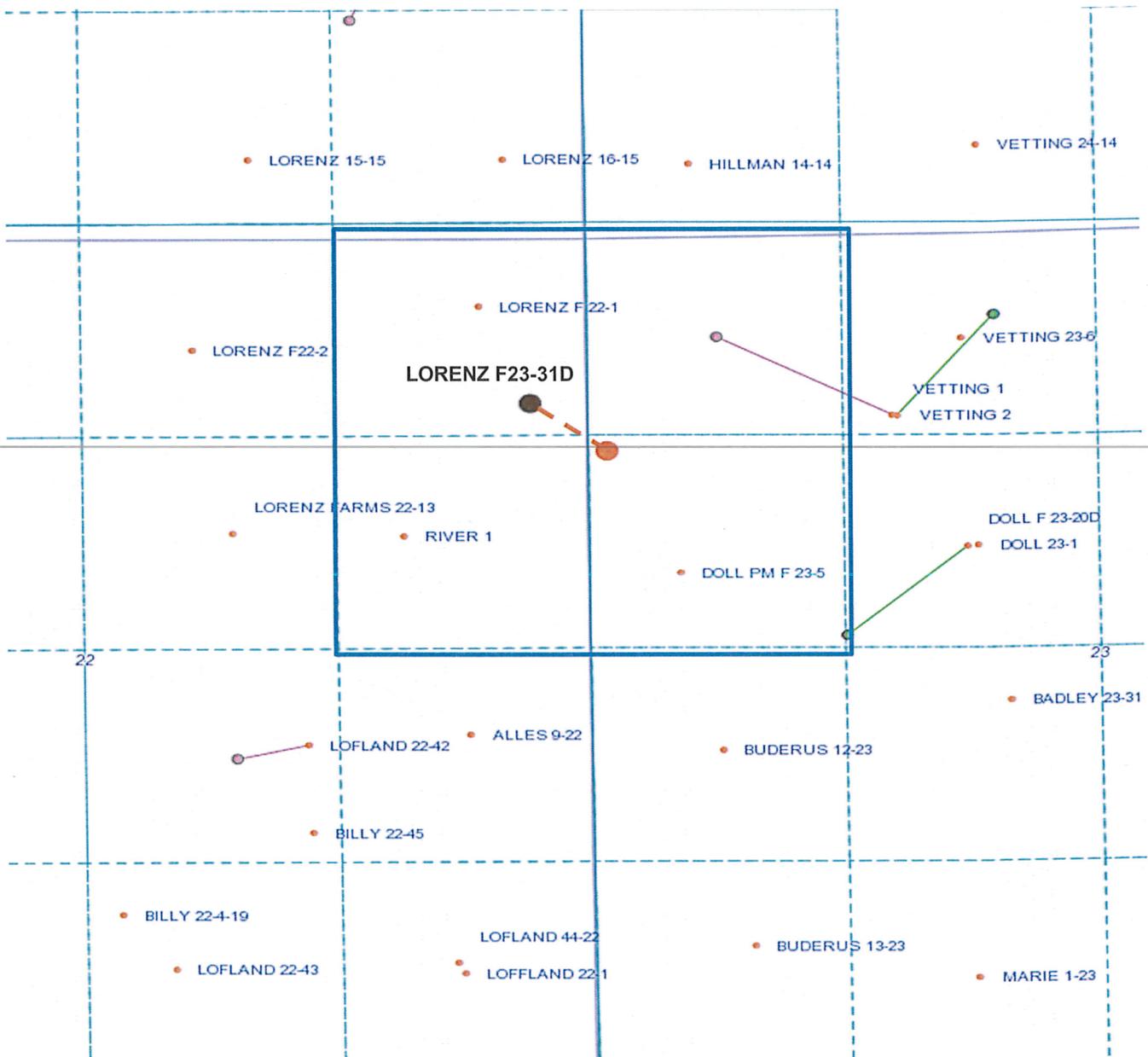
Thank you for your attention to the enclosed. NEI respectfully requests that the COGCC review the enclosed information and approve the Application for Permit to Drill the captioned well.

Sincerely,

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

Jan Kajiwara
Regulatory Analyst III
Noble Energy Inc.

LORENZ F23-31D
 Noble Energy, Inc
 NW/4NW/4 Section 23 Township 5 North, Range 65 West



Legend

 <p>Proposed 160 acre spacing unit</p>	 <p>Bottom Hole Location</p>
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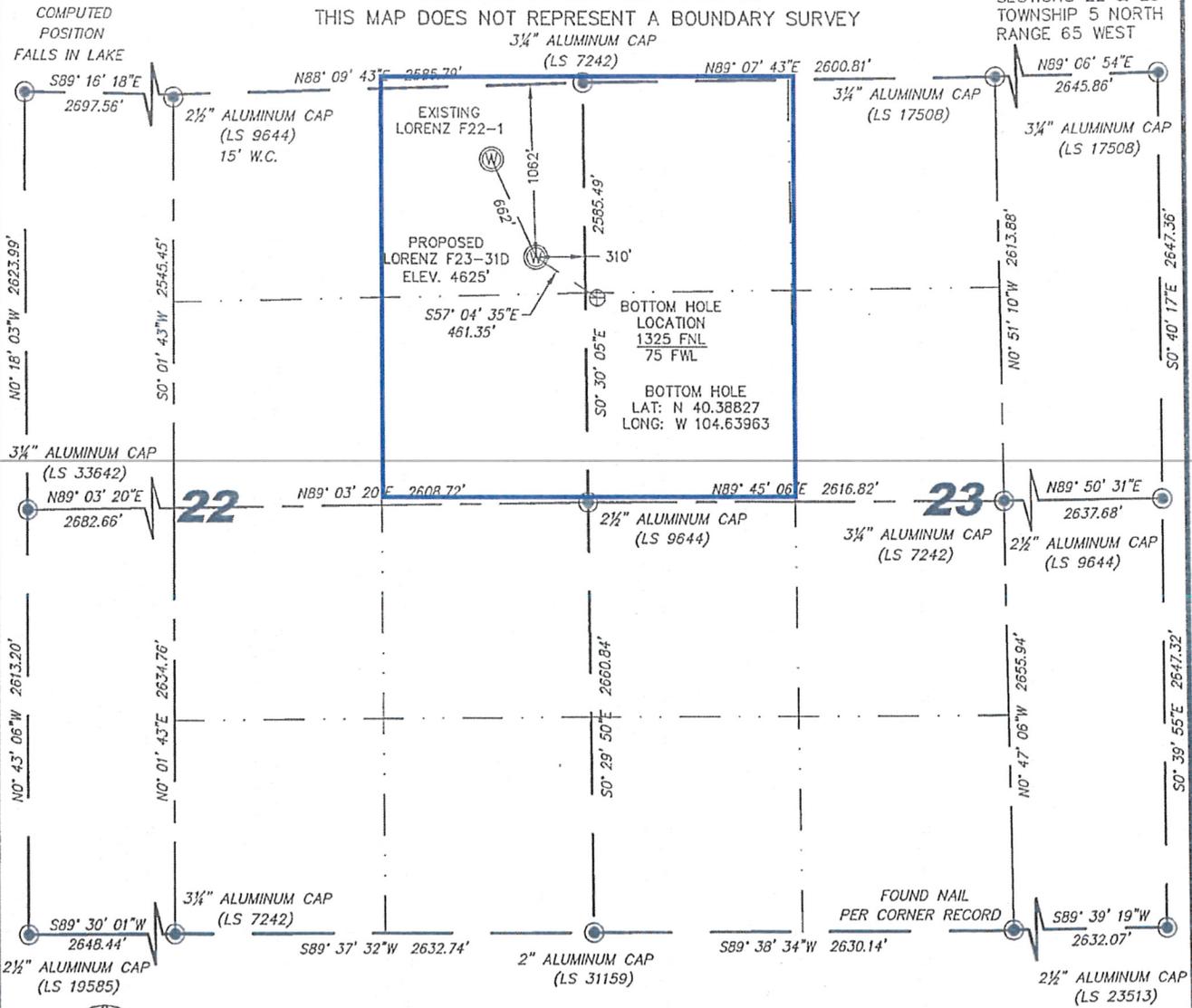
Steil Surveying Services, LLC

1102 West 19th Street P.O. BOX 2073

Cheyenne, Wyoming 82009

WELL LOCATION CERTIFICATE THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTIONS 22 & 23
TOWNSHIP 5 NORTH
RANGE 65 WEST



IN ACCORDANCE WITH A REQUEST FROM RYAN HAWKINS - NOBLE ENERGY INC, STEIL SURVEYING SERVICES, LLC HAS DETERMINED THE LOCATION OF THE LORENZ F23-31D WELL TO BE 1062' 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 88 DATUM.
- 4) THE NEAREST EXISTING WELL IS: LORENZ F22-1, 662' 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 40.38897°
 LONGITUDE: W 104.64101°
 PDOP: 2.0
 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

David C. Holmes
 Professional Land Surveyor Registration No. 32828
 State of Colorado



Completed 11/07/2011

JOB #: 11086