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June 25, 2013

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

RE: MINNE Y22-78HN  
Niobrara New Drill  
Township 2 North, Range 64 West, 6th P.M.  
Section 22: NW/4NW/4: 270' FNL & 700' FWL (Surface Location)  
Section 22: NW/4NW/4: 826' FNL & 665' FWL (Beginning of Lateral)  
Section 22: SW/4SW/4: 535' FSL & 660' FWL (Bottom Hole Location)  
Weld County, Colorado

Mr. Lepore:

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/2W/2 Sec. 22, T2N, R64W, creating a 160-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(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,

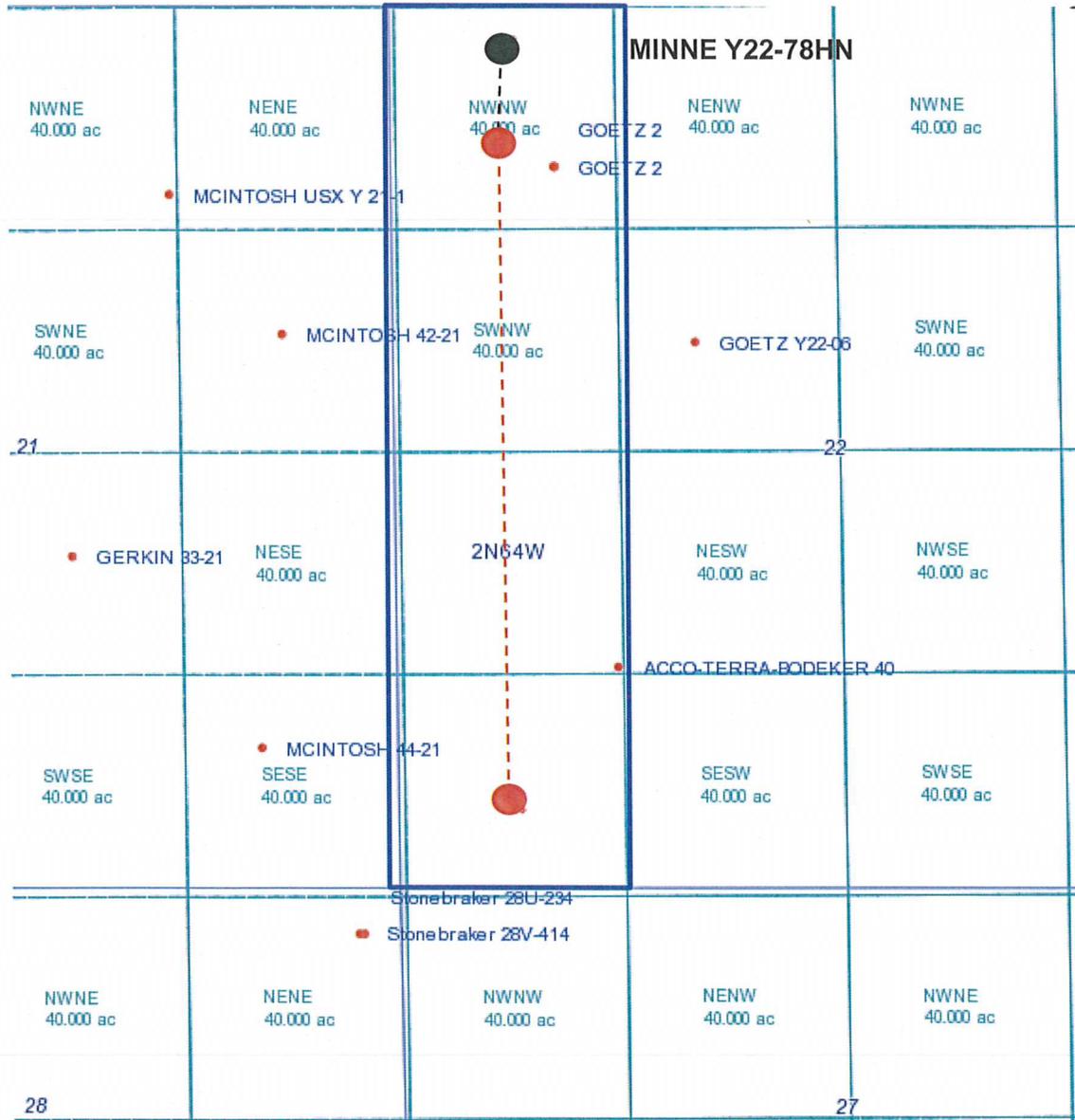
A handwritten signature in blue ink that reads 'Jan Kajiwara'.

Jan Kajiwara  
Regulatory Analyst III  
Noble Energy Inc.

# MINNE Y22-78HN

Proposed Spacing Unit – Noble Energy, Inc.

W/2W/2 Section 22, Township 2 North, Range 64 West



### Legend



Proposed 180.00 acre spacing unit



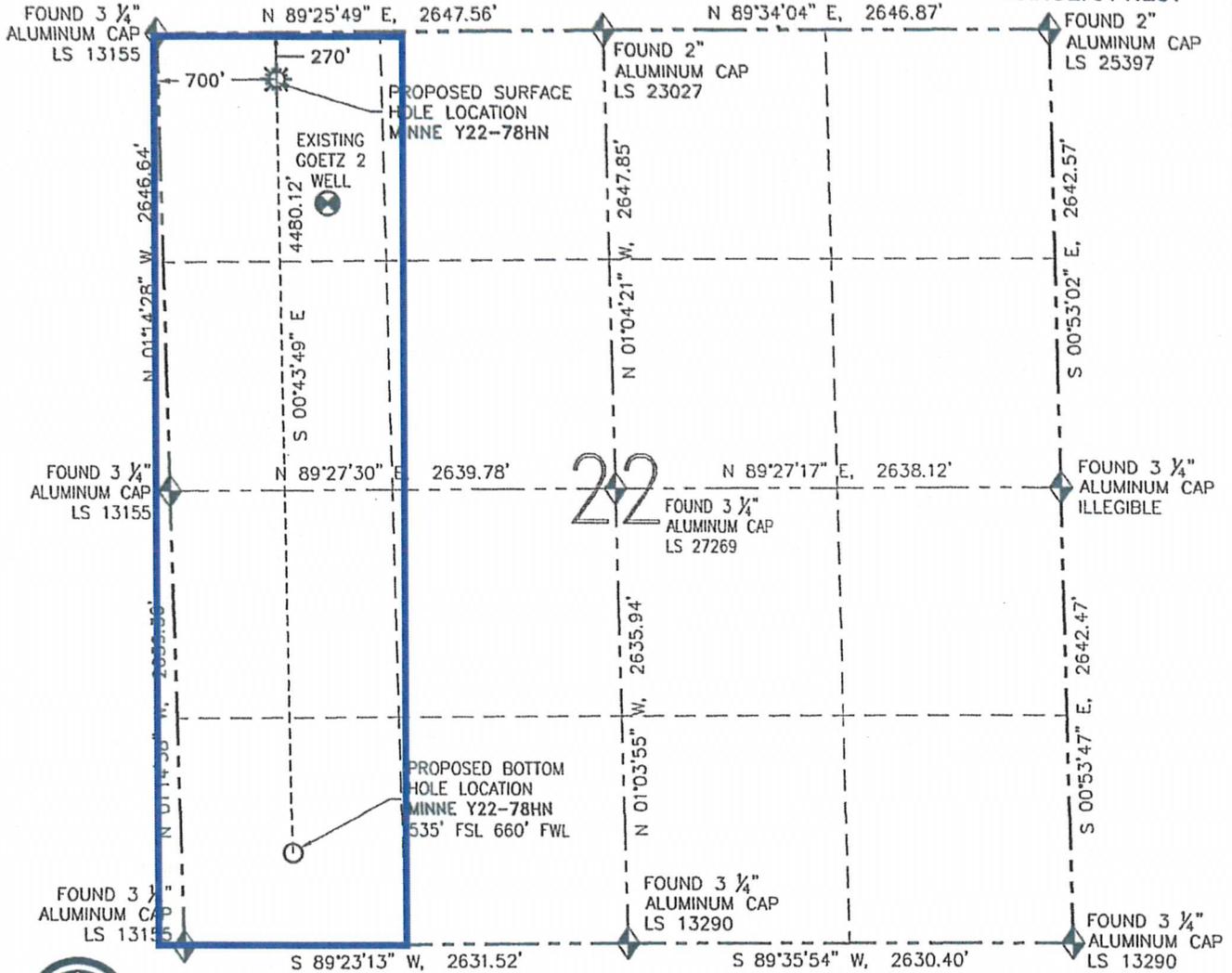
Bottom Hole Location

# WELL LOCATION CERTIFICATE

MINNE Y22-78HN

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 22  
TOWNSHIP: 2 NORTH  
RANGE: 64 WEST



SCALE: 1" = 1000'

**SURFACE HOLE LOCATION (NAD 83)**

LATITUDE: N 40.13047°  
LONGITUDE: W 104.54449°  
ELEVATION: 4986  
PDOP: 1.6  
¼-¼: NW NW  
NEAREST PROPERTY LINE: 270' NORTH

**BOTTOM HOLE LOCATION**

LATITUDE: N 40.11818°  
LONGITUDE: W 104.54446°

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME, OR UNDER MY DIRECT SUPERVISION, THAT THE FIELD WORK WAS COMPLETED ON 08/21/12, 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 FENCES, BUILDINGS, OR OTHER FUTURE IMPROVEMENT LINES.

IN ACCORDANCE WITH A REQUEST FROM MIKE RODINE-NOBLE ENERGY INC., R&R ENGINEERS-SURVEYORS, INC. HAS DETERMINED THE SURFACE HOLE LOCATION OF THE MINNE Y22-78HN WELL TO BE 270' FNL AND 700' FWL AS MEASURED AT (90) DEGREES FROM THE SECTION LINES OF SECTION 22, TOWNSHIP 2 NORTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO. THE BOTTOM HOLE LOCATION, AS PROVIDED BY THE CLIENT, IS TO BE 535' FSL AND 660' FWL OF SECTION 22, TOWNSHIP 2 NORTH RANGE 64 WEST.

**NOTES:**

1. BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NAD 83. THE LINEAL DIMENSIONS SHOWN HEREON ARE BASED UPON THE "U.S. SURVEY FOOT".
2. ELEVATIONS ARE BASED UPON NGS OPUS SOLUTION NAVD 88 DATUM COMPUTED USING GEOID09.
3. THE NEAREST EXISTING WELL IS: GOETZ 2 776' SE.
4. SEE LOCATION DRAWING FOR ALL IMPROVEMENTS WITHIN 400' OF THE OIL/GAS LOCATION.
5. SURFACE USE: CROPLAND.

**LEGEND**

- PROPOSED WELL
- EXISTING WELL
- BOTTOM HOLE
- FOUND MONUMENT

	FIELD DATE: 08/21/12
	PLOT DATE: 11/08/12
	DRAWN BY: CJD
	JOB NO.: NE12324
SHEET NO.: 1 of 6	

**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 THE DATE OF THE CERTIFICATION SHOWN HEREON (13-80-105 C.R.S.).



DAVID C. HOLMES, PLS 32828  
FOR AND ON BEHALF OF R&R ENGINEERS-SURVEYORS, INC.