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5/12/2017

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

RE: Hullabaloo State Y21-746 Ref, Doc # 401253917
Section 16: NE/4NE/4 Township 2 North, Range 64 West, 6th P.M.
Weld County, Colorado

Dear Director:

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 E/2W/2, W/2E/2 Section 16, E/2W/2, W/2E/2 Section 21, NE/4NW/4, NW/4NE/4 Section 28,, T2N, R64W, creating a 720-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.e.(5). 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,

Susan Miller

Susan Miller
Regulatory Analyst
Noble Energy Inc.

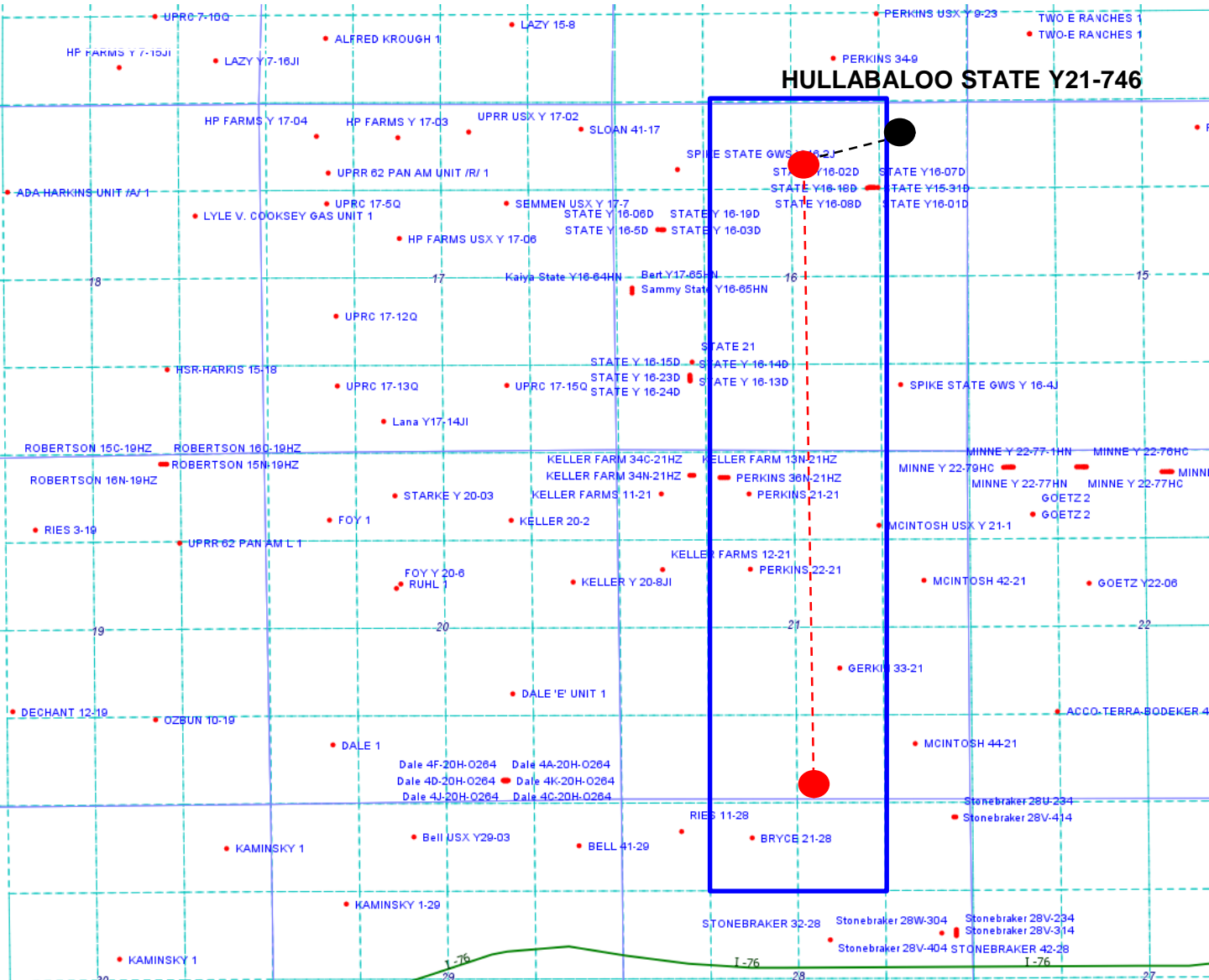
Hullabaloo State Y21-746

Proposed Spacing Unit – Noble Energy, Inc

E/2W/2, W/2E/2 Section 16, Township 2 North, Range 64 West

E/2W/2, W/2E/2 Section 21, Township 2 North, Range 64 West

NE/4NW/4, NW/4NE/4 Section 28, Township 2 North, Range 64 West



Legend



Proposed 720.00± acre spacing unit



Bottom Hole Location

WELL LOCATION CERTIFICATE

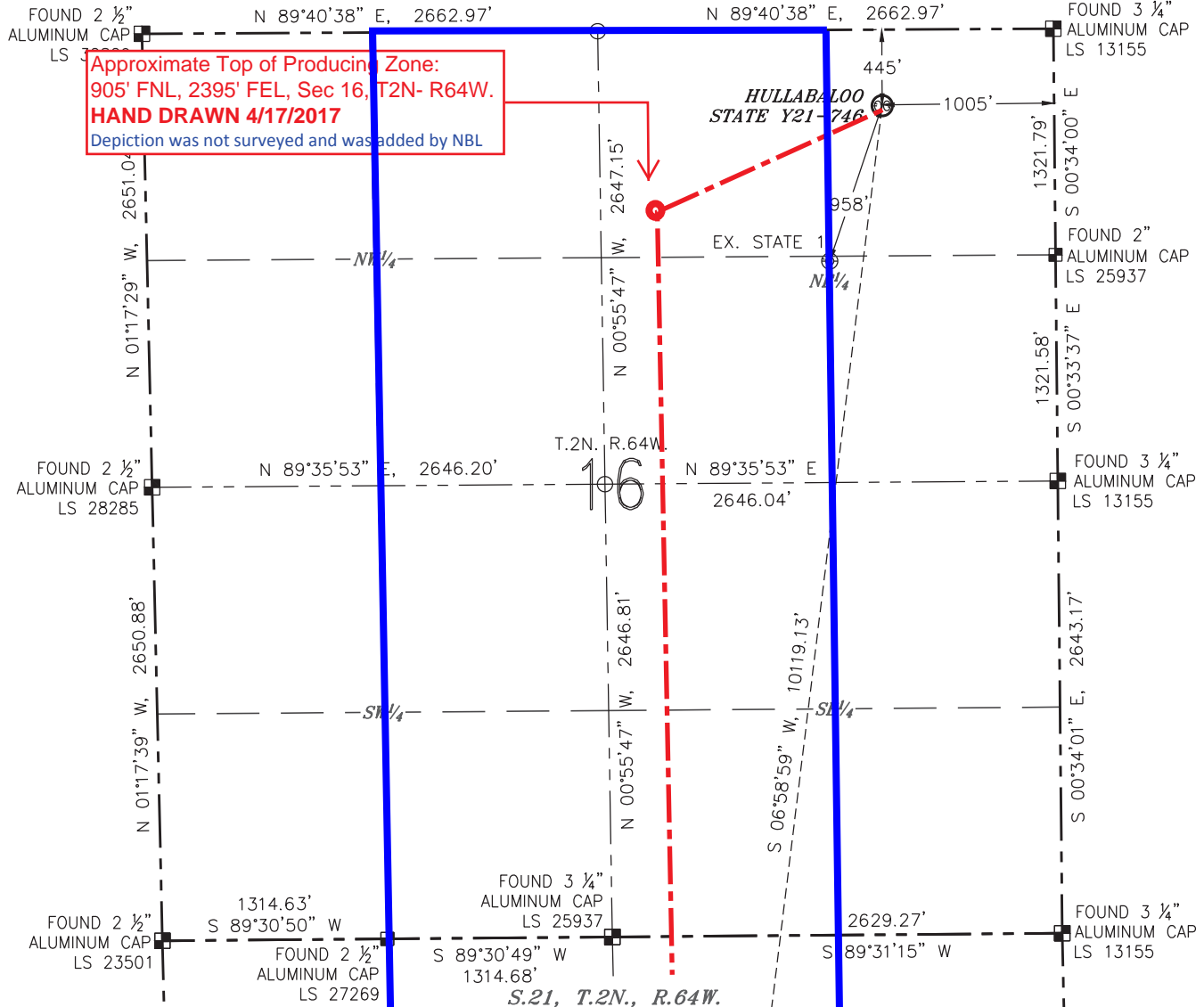
HULLABALOO STATE Y21-746

(SHEET 1 OF 2)

SECTION: 16

TOWNSHIP: 2N

RANGE: 64W



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. GROUND ELEVATIONS ARE BASED UPON NGS OPUS SOLUTION NAVD 88 DATUM COMPUTED USING GEOID09.
3. IMPROVEMENTS: SEE LOCATION DRAWING FOR ALL VISIBLE IMPROVEMENTS WITHIN 500' OF THE DISTURBED AREA.
4. SURFACE USE: RANGELAND.
5. INSTRUMENT OPERATOR: ANDY MAGGIORE.
6. THE NEAREST EXISTING WELL: STATE 1, 958' SW.

IN ACCORDANCE WITH A REQUEST FROM GREG WILSON WITH NOBLE ENERGY INC., R&R ENGINEERS-SURVEYORS, INC. HAS DETERMINED THE SURFACE HOLE LOCATION OF THE HULLABALOO STATE Y21-746 WELL TO BE 445' FROM THE NORTH LINE AND 1005' FROM THE EAST LINE AS MEASURED AT RIGHT ANGLES FROM THE SECTION LINES OF SECTION 16, TOWNSHIP 2 NORTH, RANGE 64 WEST, AND THE BOTTOM HOLE LOCATION TO BE 100' FROM THE SOUTH LINE AND 2395' FROM THE EAST LINE AS MEASURED AT RIGHT ANGLES FROM THE SECTION LINES OF SECTION 21, TOWNSHIP 2 NORTH, RANGE 64 WEST OF THE 6TH PRINCIPAL 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 09/13/2016, 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.

SURFACE HOLE LOCATION

LATITUDE: N 40.14452°
 LONGITUDE: W 104.55058°
 PDOP: 1.6
 ELEVATION: 4944'
 1/4-1/4: NE 1/4 NE 1/4

BOTTOM HOLE LOCATION

LATITUDE: N 40.11698°
 LONGITUDE: W 104.55536°

LEGEND

- ⊙ PROPOSED WELL
- ⊙ EXISTING WELL
- ⊙ BOTTOM HOLE
- ⊙ FOUND MONUMENT
- CALCULATED POSITION



0 1000'
 SCALE: 1" = 1000'



MEASURED FROM THE	BUILDING	BUILDING UNIT	HIGH OCCUPANCY BUILDING UNIT	DESIGNATED OUTSIDE ACTIVITY AREA	PUBLIC ROAD	ABOVEGROUND UTILITY	RAILROAD	PROPERTY LINE
PROPOSED WELLHEAD	973' NE	1726' SE	5280'+	5280'+	987' E (CR 55)	976' E	5280'+	445' N

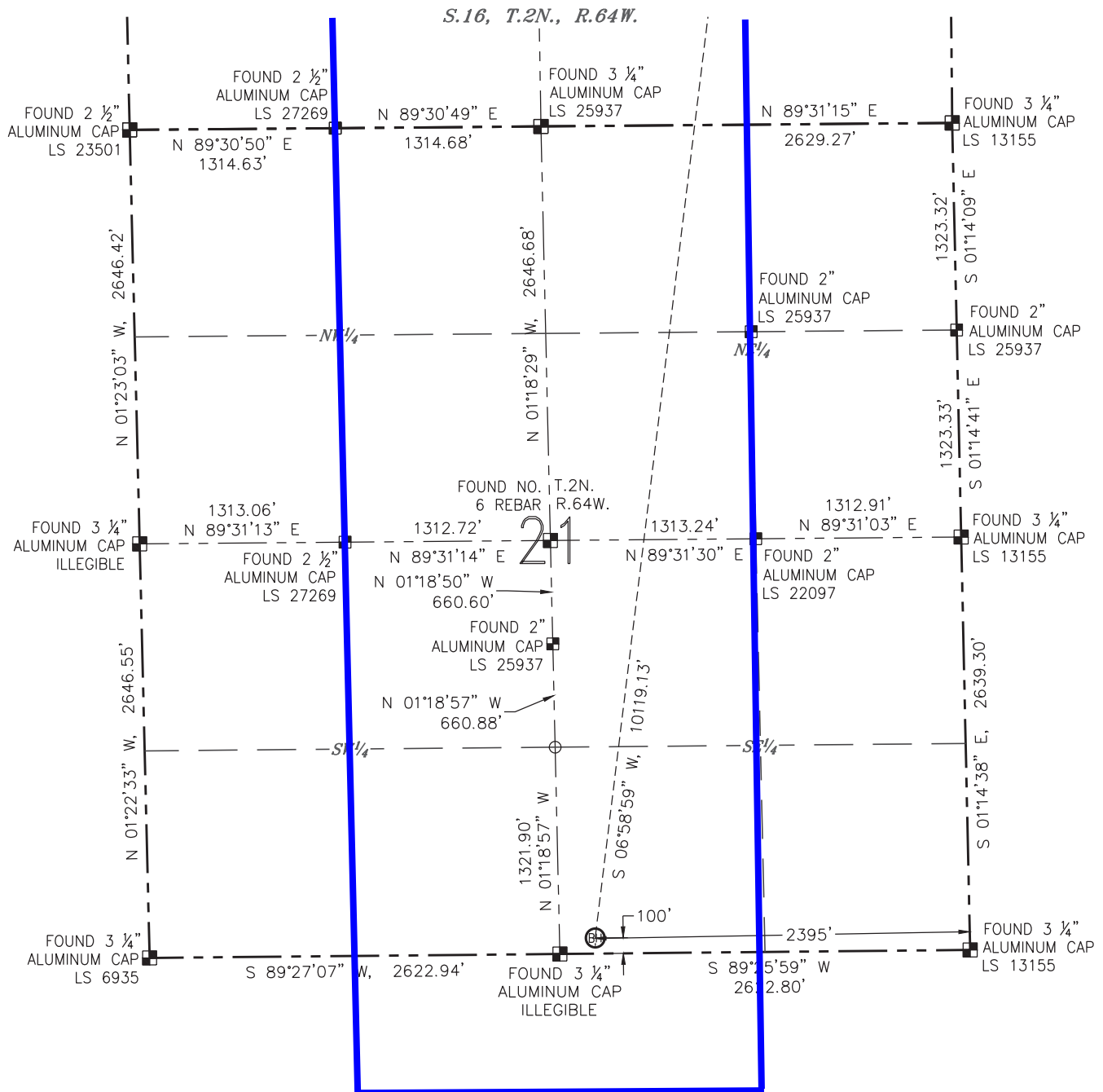
ANTONIO W. SMITH, PLS 38320
 FOR AND ON BEHALF OF R&R
 ENGINEERS-SURVEYORS, INC.

DATE: 02/06/2017
 JOB #: NE16301






WELL LOCATION CERTIFICATE

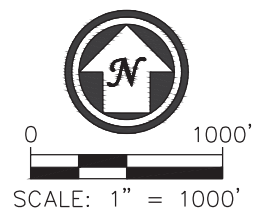
HULLABALOO STATE Y21-746
(SHEET 2 OF 2)

SECTION: 16
TOWNSHIP: 2N
RANGE: 64W



LEGEND

-  PROPOSED WELL
 EXISTING WELL
 BOTTOM HOLE
 FOUND MONUMENT
 CALCULATED POSITION



DATE: 02/06/2017
JOB #: NE16301