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October 14, 2015

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

RE: Mach One E01-678, Doc # 400855172
Section 2: NW/4NE/4 Township 6 North, Range 65 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 Sec 1: N/2N/2, Sec 2: N/2NE/4, T6N, R65W, creating a 240-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.

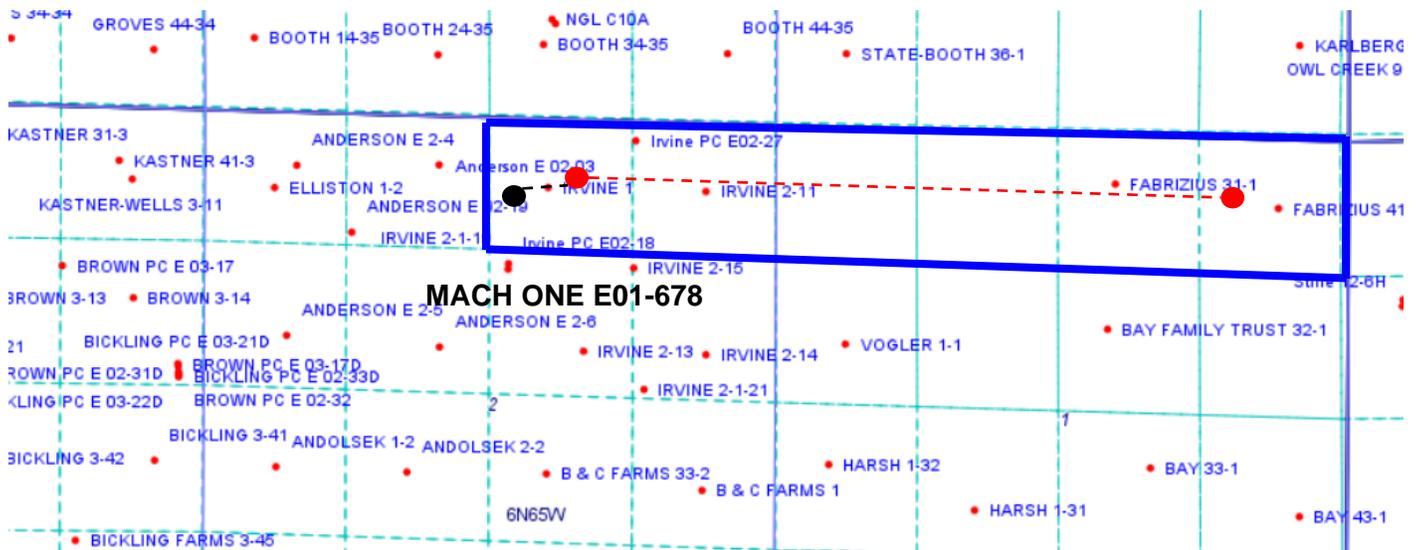
Sincerely,

Justin Garrett
Regulatory Analyst
Noble Energy Inc.

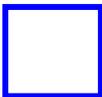
Mach One E01-678

Proposed Spacing Unit – Noble Energy, Inc

N/2NE/4 Section 2, Township 6 North, Range 65 West
N/2N/2 Section 1, Township 6 North, Range 65 West



Legend



Proposed 236.31± acre spacing unit

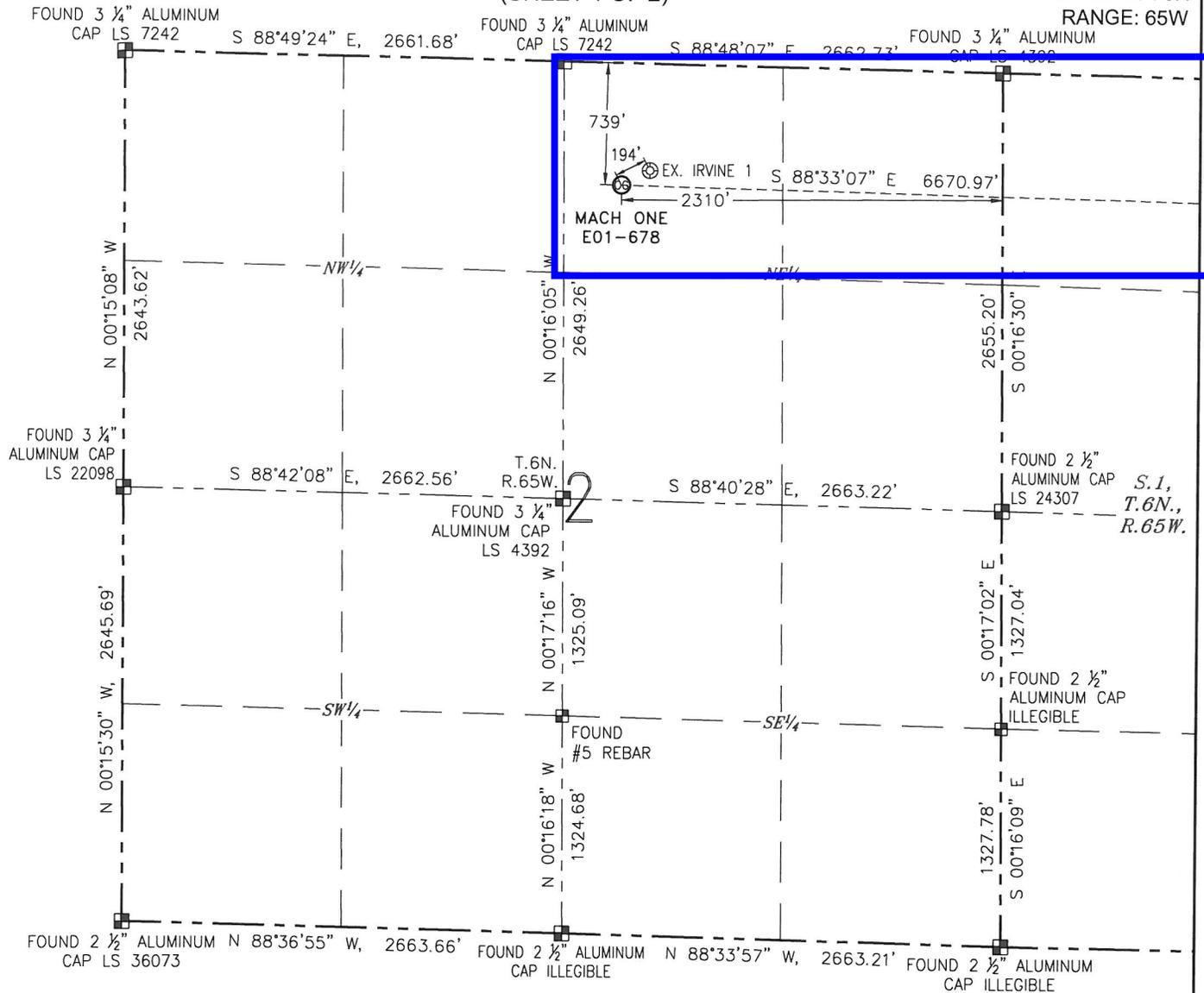


Bottom Hole Location

WELL LOCATION CERTIFICATE

MACH ONE E01-678
(SHEET 1 OF 2)

SECTION: 2
TOWNSHIP: 6N
RANGE: 65W



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: CROPLAND.
5. INSTRUMENT OPERATOR: ANTONIO SMITH.
6. THE NEAREST EXISTING WELL: IRVINE 1, 194' NE.

IN ACCORDANCE WITH A REQUEST FROM MATT VERBIT WITH NOBLE ENERGY INC., R&R ENGINEERS-SURVEYORS, INC. HAS DETERMINED THE SURFACE HOLE LOCATION OF THE MACH ONE E01-678 WELL TO BE 739' FROM THE NORTH LINE AND 2310' FROM THE EAST LINE AS MEASURED AT RIGHT ANGLES FROM THE SECTION LINES OF SECTION 2, TOWNSHIP 6 NORTH, RANGE 65 WEST, AND THE BOTTOM HOLE LOCATION TO BE 765' FROM THE NORTH LINE AND 940' FROM THE EAST LINE AS MEASURED AT RIGHT ANGLES FROM THE SECTION LINES OF SECTION 1, TOWNSHIP 6 NORTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO.

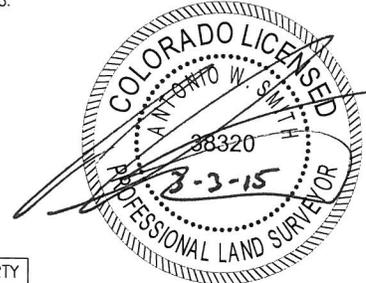
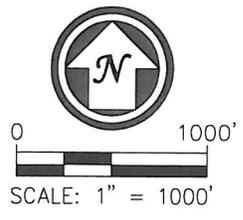
I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME, OR UNDER MY DIRECT SUPERVISION, THAT THE FIELD WORK WAS COMPLETED ON 11/10/2014, FOR AND ON BEHALF OF NOBLE ENERGY INC., THAT IT IS NOT A LAND SURVEY PLAT OR AN IMPROVEMENT SURVEY PLAT, AND THAT IT IS NOT TO BE RELIED UPON FOR ESTABLISHMENT OF FENCES, BUILDINGS, OR OTHER FUTURE IMPROVEMENT LINES.

SURFACE HOLE LOCATION
 LATITUDE: N 40.52073°
 LONGITUDE: W 104.62890°
 PDOP: 1.5
 ELEVATION: 4824'
 ¼-¼: NW¼NE¼

BOTTOM HOLE LOCATION
 LATITUDE: N 40.52008°
 LONGITUDE: W 104.60493°

LEGEND

- ⊗ PROPOSED WELL
- ⊙ BOTTOM HOLE
- ⊠ FOUND MONUMENT
- ⊙ EXISTING WELL



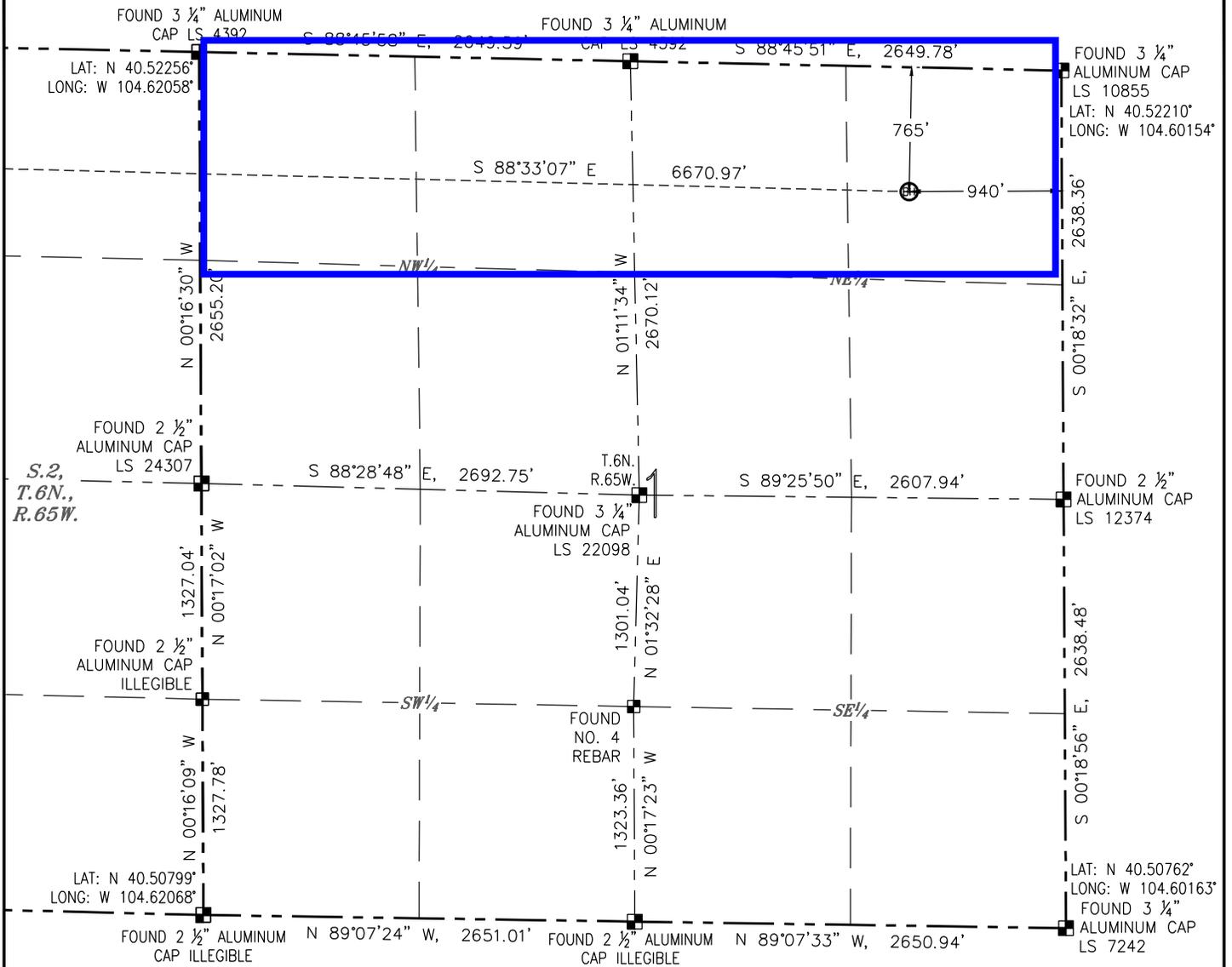
MEASURED FROM THE	BUILDING	BUILDING UNIT	HIGH OCCUPANCY BUILDING UNIT	DESIGNATED OUTSIDE ACTIVITY AREA	PUBLIC ROAD	ABOVEGROUND UTILITY	RAILROAD	PROPERTY LINE
PROPOSED WELLHEAD	417' N	635' NW	5280'+	5280'+	729' N (CR 74)	589' NW	5280'+	48' E

ANTONIO W. SMITH, PLS 38320
 FOR AND ON BEHALF OF R&R ENGINEERS-SURVEYORS, INC. DATE: 02/27/2015
 JOB NO.: NE14300.1

WELL LOCATION CERTIFICATE

MACH ONE E01-678
(SHEET 2 OF 2)

SECTION: 2
TOWNSHIP: 6N
RANGE: 65W



SCALE: 1" = 1000'

LEGEND

- ⊗ PROPOSED WELL
- ⊙ EXISTING WELL
- ⊕ BOTTOM HOLE
- FOUND MONUMENT