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March 6, 2017

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

RE: Roadrunner AB11-677, Doc # 401202656  
Section 11: NW/4NW/4 Township 7 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 N/2N/2 Sec. 11 and N/2N2/ Sec. 12, T7N, R64W, 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.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.

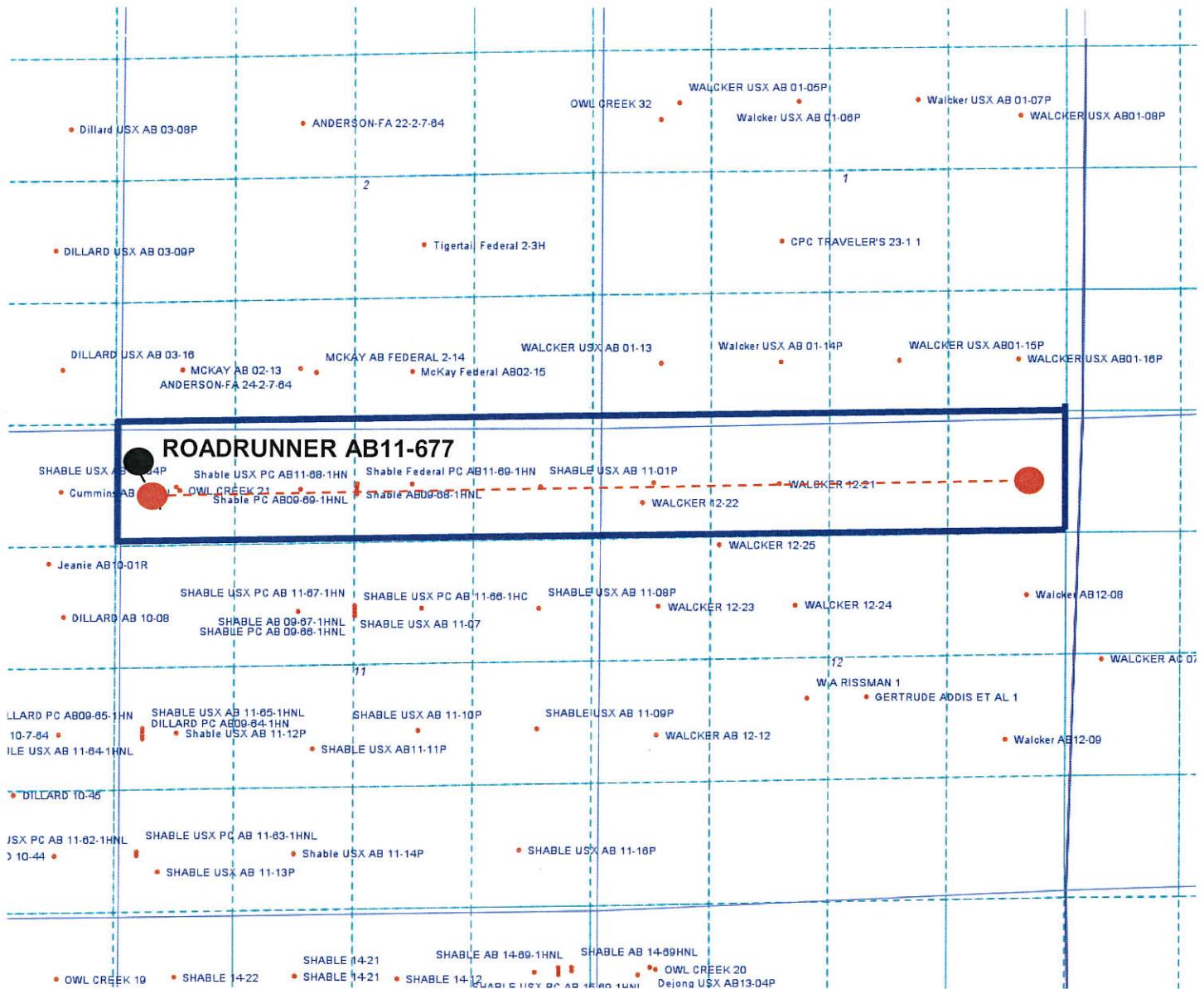
Thank you for your attention to the enclosed. NEI respectfully requests that the COGCC review the enclosed information and approve the Application for Permit to Drill the captioned well.

Sincerely,

Jan Kajiwara Digitally signed by Jan Kajiwara  
Date: 2017.03.03 09:22:22 -07'00'

Jan Kajiwara  
Regulatory Analyst III  
Noble Energy Inc.

N/2N/2 Section 11, Township 7 North, Range 64 West  
N/2N/2 Section 12, Township 7 North, Range 64 West



### Legend



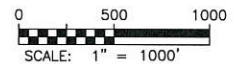
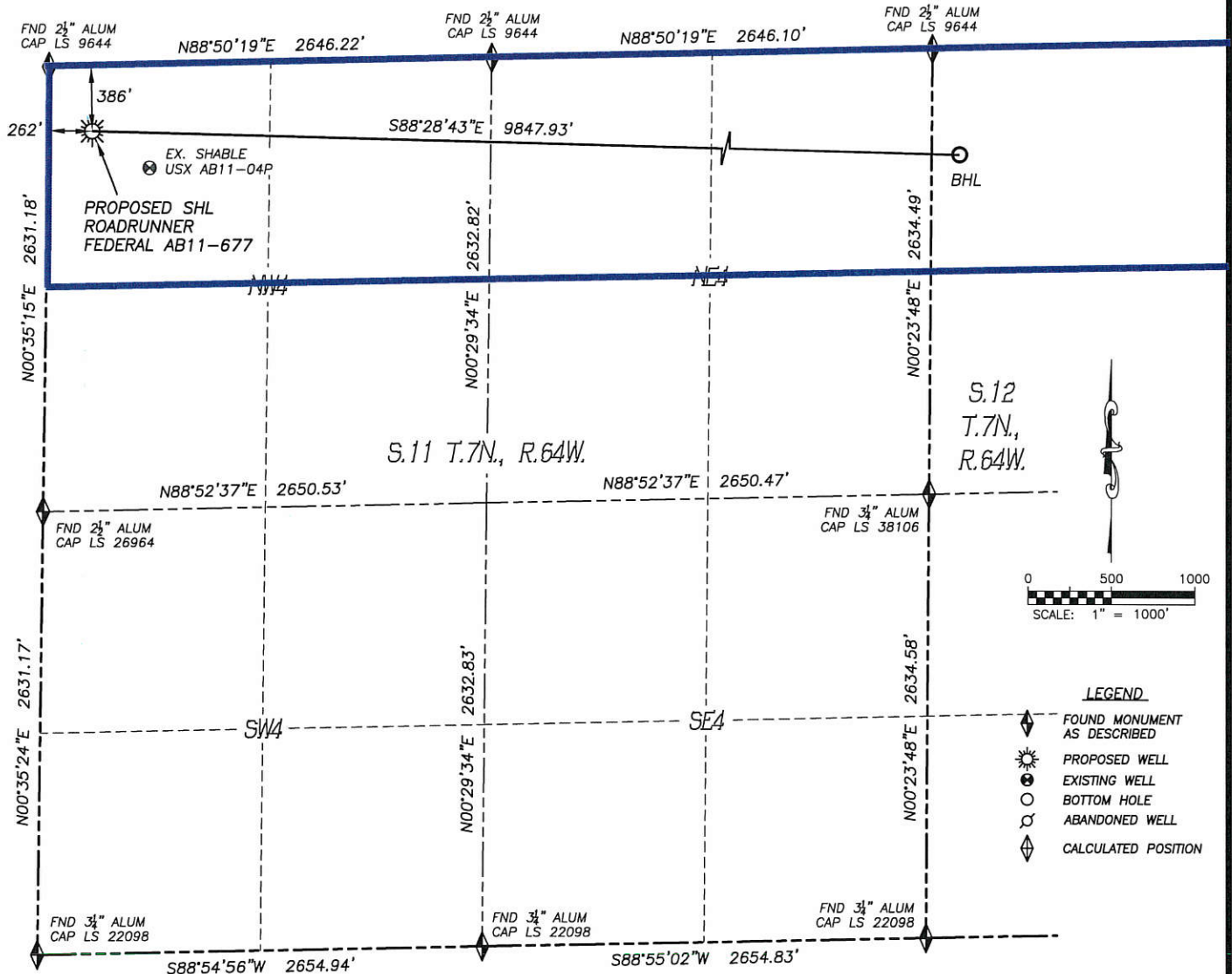
Proposed 320.00± acre spacing unit



Bottom Hole Location

DALEY LAND SURVEYING, INC. 970.302.4159  
**WELL LOCATION CERTIFICATE**  
**ROADRUNNER FEDERAL AB11-677**

SECTION: 11  
 TOWNSHIP: 7N  
 RANGE: 64W



- LEGEND**
- FOUND MONUMENT AS DESCRIBED
  - PROPOSED WELL
  - EXISTING WELL
  - BOTTOM HOLE
  - ABANDONED WELL
  - CALCULATED POSITION

IN ACCORDANCE WITH A REQUEST FROM CODY BALL OF NOBLE ENERGY INC., DALEY LAND SURVEYING, INC. HAS DETERMINED THE SURFACE LOCATION OF THE ROADRUNNER FEDERAL AB11-677 WELL TO BE 386' FNL, 262' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 11, TOWNSHIP 7 NORTH, RANGE 64 WEST, AND THE BOTTOM HOLE LOCATION TO BE 850' FNL, 460' FEL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 12, TOWNSHIP 7 NORTH, RANGE 64 WEST, OF THE 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO.

I HEREBY STATE THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE WORK WAS COMPLETED ON 11/10/2016 FOR AND ON BEHALF OF NOBLE ENERGY, INC., AND THAT THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY, IT IS NOT A LAND SURVEY PLAT OR AN IMPROVEMENT SURVEY PLAT AND IT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF FENCE, BUILDING OR OTHER FUTURE IMPROVEMENT LINES.

**NOTES:**

- 1) BEARINGS FOR THIS MAP ARE ASSUMED AND BASED UPON GPS OBSERVATIONS MADE BETWEEN MONUMENTS LOCATED AT THE NORTHWEST CORNER AND WEST QUARTER CORNER OF SECTION 11, T.7N., R.64W.
- 2) HORIZONTAL DATUM IS NAD83.
- 3) VERTICAL DATUM IS NAVD88 AND ORIGINATES FROM THE LOCAL C.O.R.S. NETWORK, UTILIZING THE GEOID12A MODEL.
- 4) SEE LOCATION DRAWING FOR VISIBLE IMPROVEMENTS WITHIN 500' OF PROPOSED DISTURBED AREA.
- 5) SURFACE USE: AGRICULTURAL.
- 6) INST. OPERATOR: TREVOR DALEY
- 7) NEAREST WELL: 408± SE. - SHABLE USX AB11-04P

**NEAREST CULTURAL ITEMS:**

BUILDING: 5280'+  
 BUILDING UNIT: 5280'+  
 HIGH OCC. BLD. UNIT: 5280'+  
 DES. OUTSIDE ACTIVITY AREA: 5280'+  
 PUBLIC ROAD: 5280'+  
 ABOVE GROUND UTILITY: 348± NE  
 RAILROAD: 5280'+  
 PROPERTY LINE: 262± W

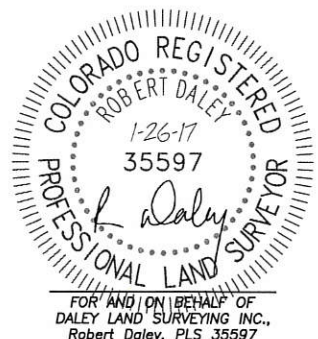
**NAD 83 LATITUDE AND LONGITUDE**

**SURFACE LOCATION:**

LATITUDE: N40.59382°  
 LONGITUDE: W104.52483°  
 ELEV: 4851'  
 PDOP: 1.6  
 QTR/QTR: NW4/NW4

**BOTTOM HOLE:**

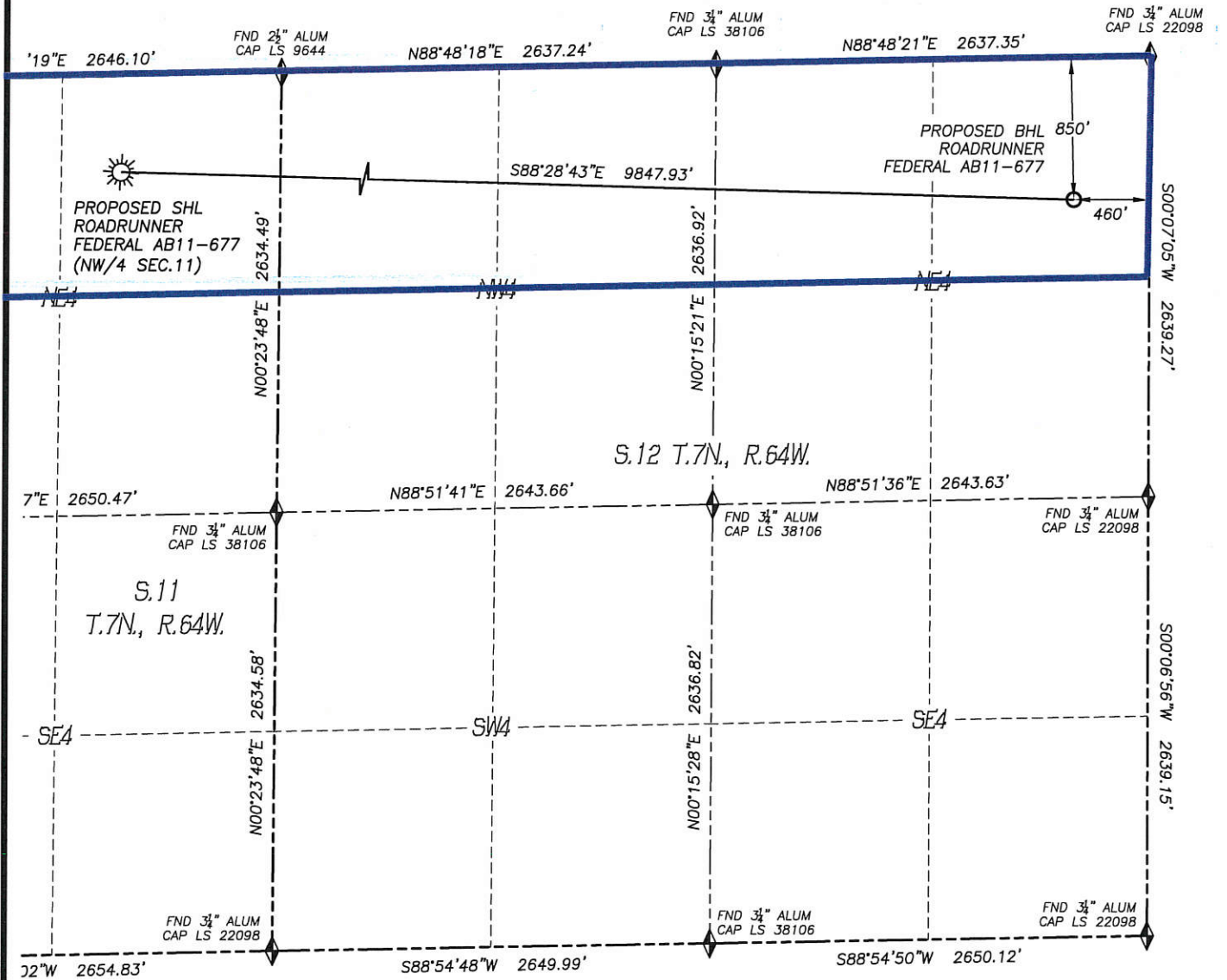
LATITUDE: N40.59280°  
 LONGITUDE: W104.48940°





DALEY LAND SURVEYING, INC. 970.302.4159  
**WELL LOCATION CERTIFICATE**  
**ROADRUNNER FEDERAL AB11-677**

SECTION: 11  
 TOWNSHIP: 7N  
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**LEGEND**

- FOUND MONUMENT AS DESCRIBED
- PROPOSED WELL
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- ABANDONED WELL
- CALCULATED POSITION

0 500 1000  
 SCALE: 1" = 1000'