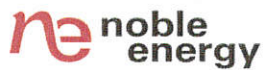


1625 Broadway  
Suite 2000  
Denver, CO 80202

Tel: 303.228.4000  
Fax: 303.228.4280

www.nobleenergyinc.com



June 15, 2017

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

RE: Bison Ridge Y22-711, Doc # 401255593  
Section 10: NW/4SE/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/2SE/4 Sec. 10, W/2SW/4 Sec. 11, W/2W/2 Sec. 14, E/2E/2 Sec. 15, E/2NE/4, NE/4SE/4 Sec. 22, W/2NW/4, NW/4SW/4 Sec. 23, T2N, R64W, creating a 720-acre wellbore spacing unit for the Codell 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,

A handwritten signature in cursive script that reads 'Jan Kajiwarra'.

Jan Kajiwarra  
Regulatory Analyst III  
Noble Energy Inc.

# Bison Ridge Y22-711

Proposed Spacing Unit – Noble Energy, Inc

E/2SE/4 Section 10, Township 2 North, Range 64 West

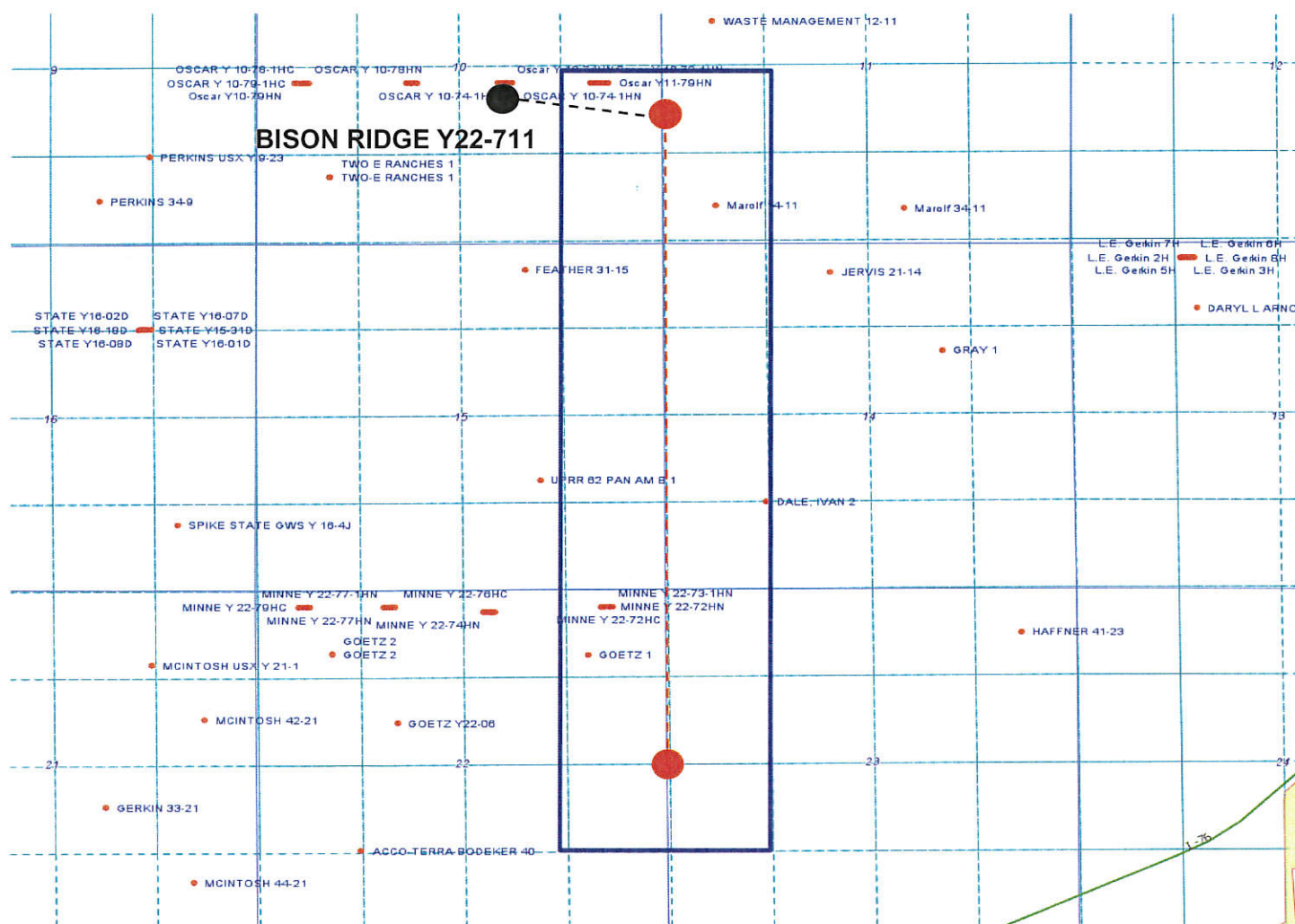
W/2SW/4 Section 11, Township 2 North, Range 64 West

W/2W/2 Section 14, Township 2 North, Range 64 West

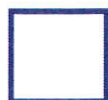
E/2E/2 Section 15, Township 2 North, Range 64 West

E/2NE/4, NE/4SE/4 Section 22, Township 2 North, Range 64 West

W/2NW/4, NW/4SW/4 Section 23, Township 2 North, Range 64 West



## Legend



Proposed 720.26± acre spacing unit



Bottom Hole Location

## WELL LOCATION CERTIFICATE

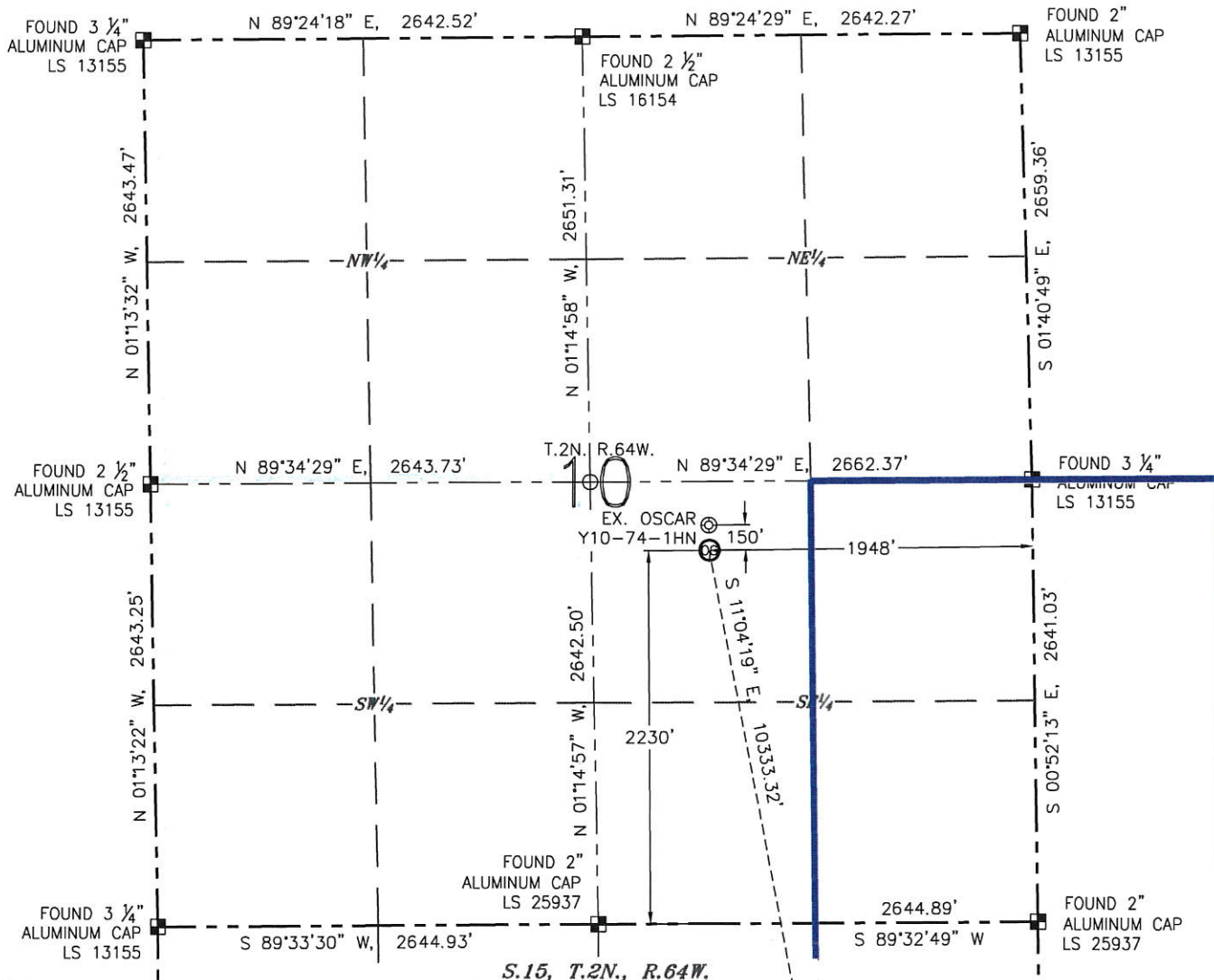
BISON RIDGE Y22-711

(SHEET 1 OF 3)

SECTION: 10

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: PASTURE.
5. INSTRUMENT OPERATOR: FLORIAN DUERSELEN.
6. THE NEAREST EXISTING WELL: OSCAR Y10-74-1HN, 150' N.

IN ACCORDANCE WITH A REQUEST FROM TYLER BEAVERS WITH NOBLE ENERGY INC., R&R ENGINEERS-SURVEYORS, INC. HAS DETERMINED THE SURFACE HOLE LOCATION OF THE BISON RIDGE Y22-711 WELL TO BE 2230' FROM THE SOUTH LINE AND 1948' FROM THE EAST LINE AS MEASURED AT RIGHT ANGLES FROM THE SECTION LINES OF SECTION 10, TOWNSHIP 2 NORTH, RANGE 64 WEST, AND THE BOTTOM HOLE LOCATION TO BE 2640' FROM THE SOUTH LINE AND 95' FROM THE EAST LINE AS MEASURED AT RIGHT ANGLES FROM THE SECTION LINES OF SECTION 22, 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 02/07/17, 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 40.15182°  
 LONGITUDE: W 104.53506°  
 PDOP: 1.8  
 ELEVATION: 4923'  
 1/4-1/4: NW 1/4 SE 1/4

## BOTTOM HOLE LOCATION

LATITUDE: N 40.12392°  
 LONGITUDE: W 104.52836°

## 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	3699' SW	3140' SW	5280'+	5280'+	4004' SW (CR 55)	3276' W	5280'+	1948' E

ANTONIO W. SMITH, PLS 38320  
 FOR AND ON BEHALF OF R&R ENGINEERS-SURVEYORS, INC. DATE: 02/10/2017  
 JOB #: NE16303



# WELL LOCATION CERTIFICATE

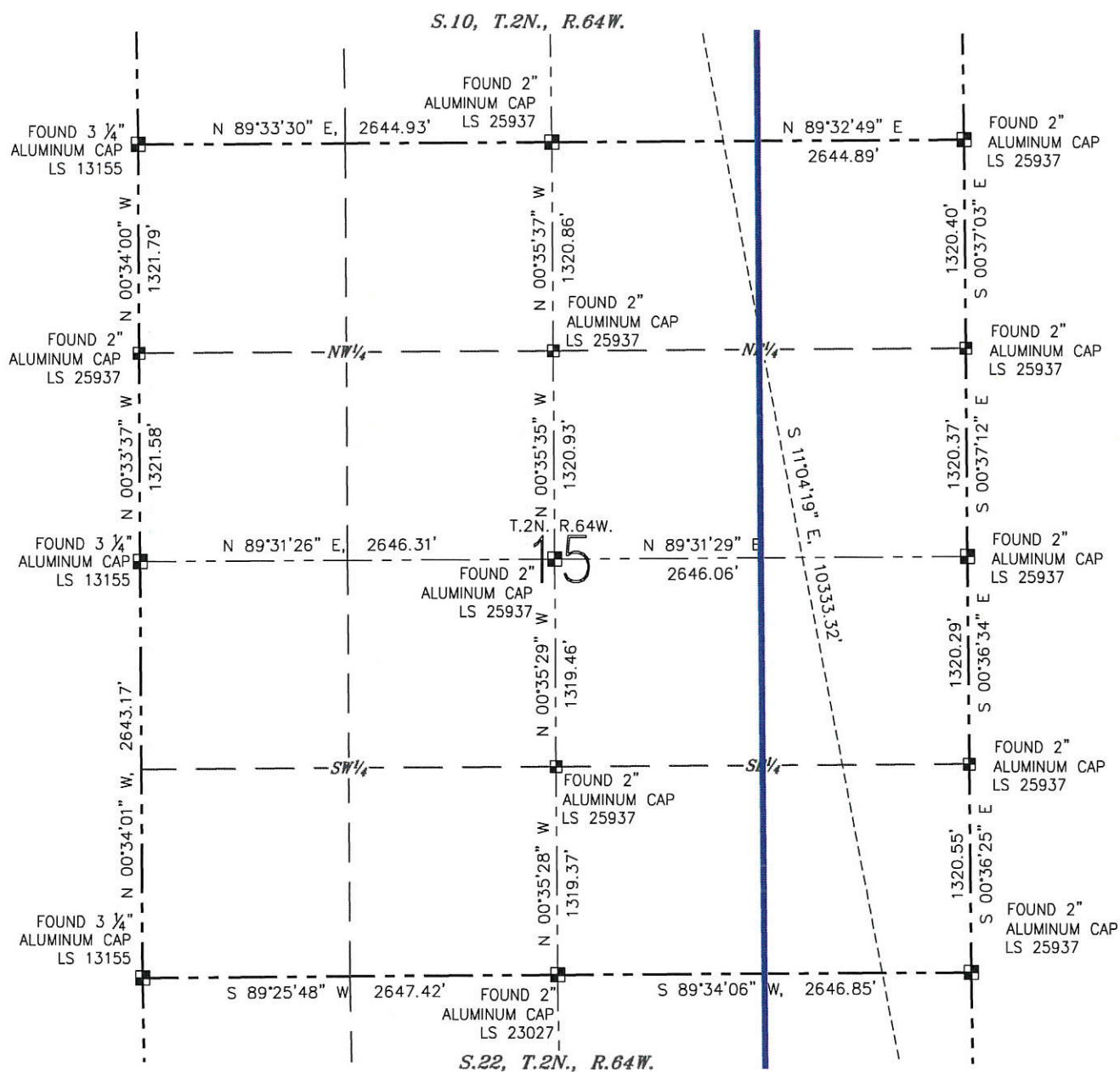
BISON RIDGE Y22-711

(SHEET 2 OF 3)






SECTION: 10

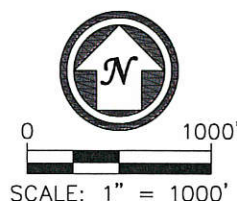
TOWNSHIP: 2N

RANGE: 64W



### LEGEND

-  PROPOSED WELL  
 EXISTING WELL  
 BOTTOM HOLE  
 FOUND MONUMENT  
 CALCULATED POSITION



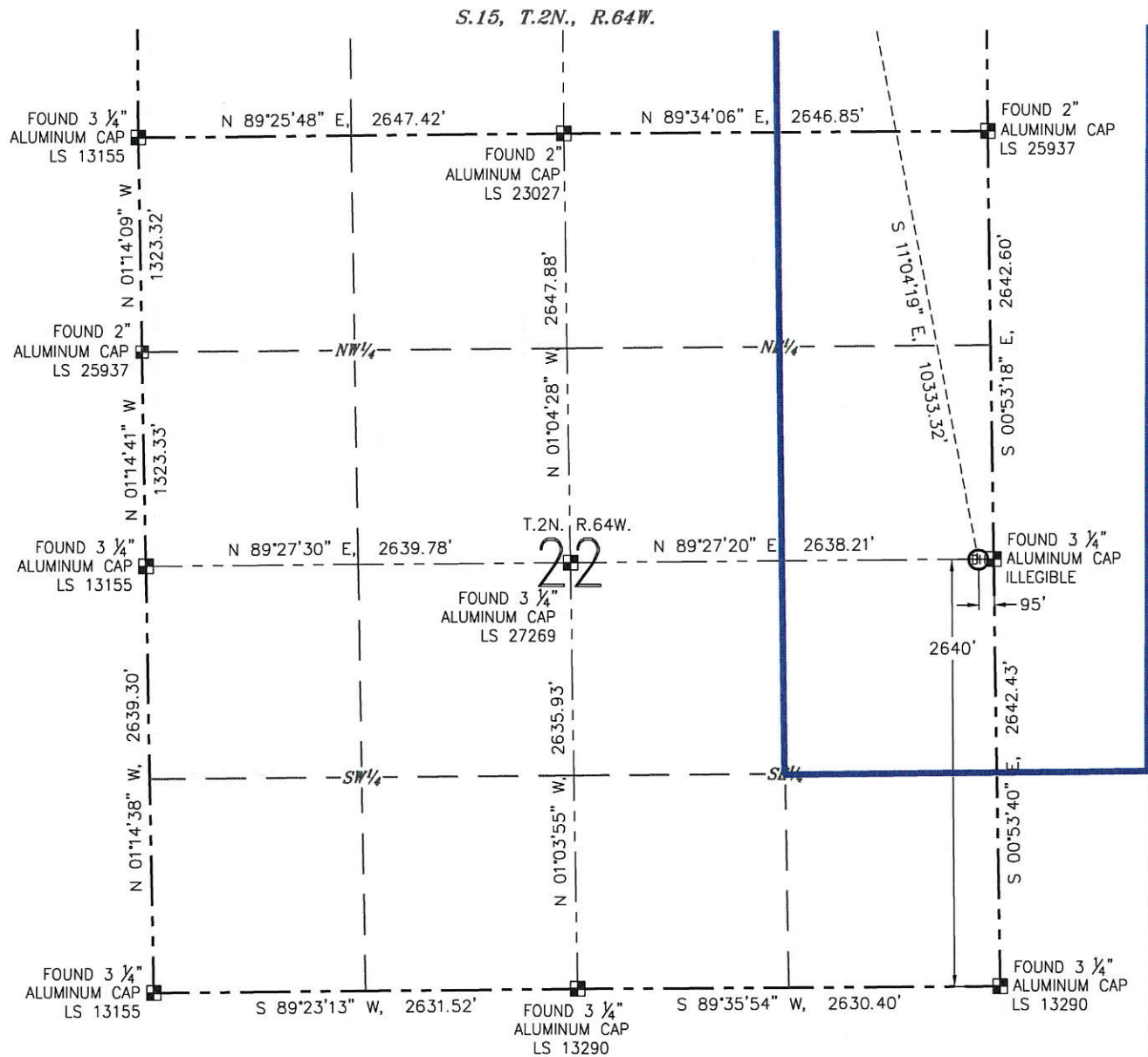
DATE: 02/10/2017  
JOB #: NE16303

# WELL LOCATION CERTIFICATE






BISON RIDGE Y22-711

(SHEET 3 OF 3)

SECTION: 10  
TOWNSHIP: 2N  
RANGE: 64W



LEGEND

-  PROPOSED WELL  
 EXISTING WELL  
 BOTTOM HOLE  
 FOUND MONUMENT  
 CALCULATED POSITION



0 1000'

SCALE: 1" = 1000'

DATE: 02/10/2017  
JOB #: NE16303