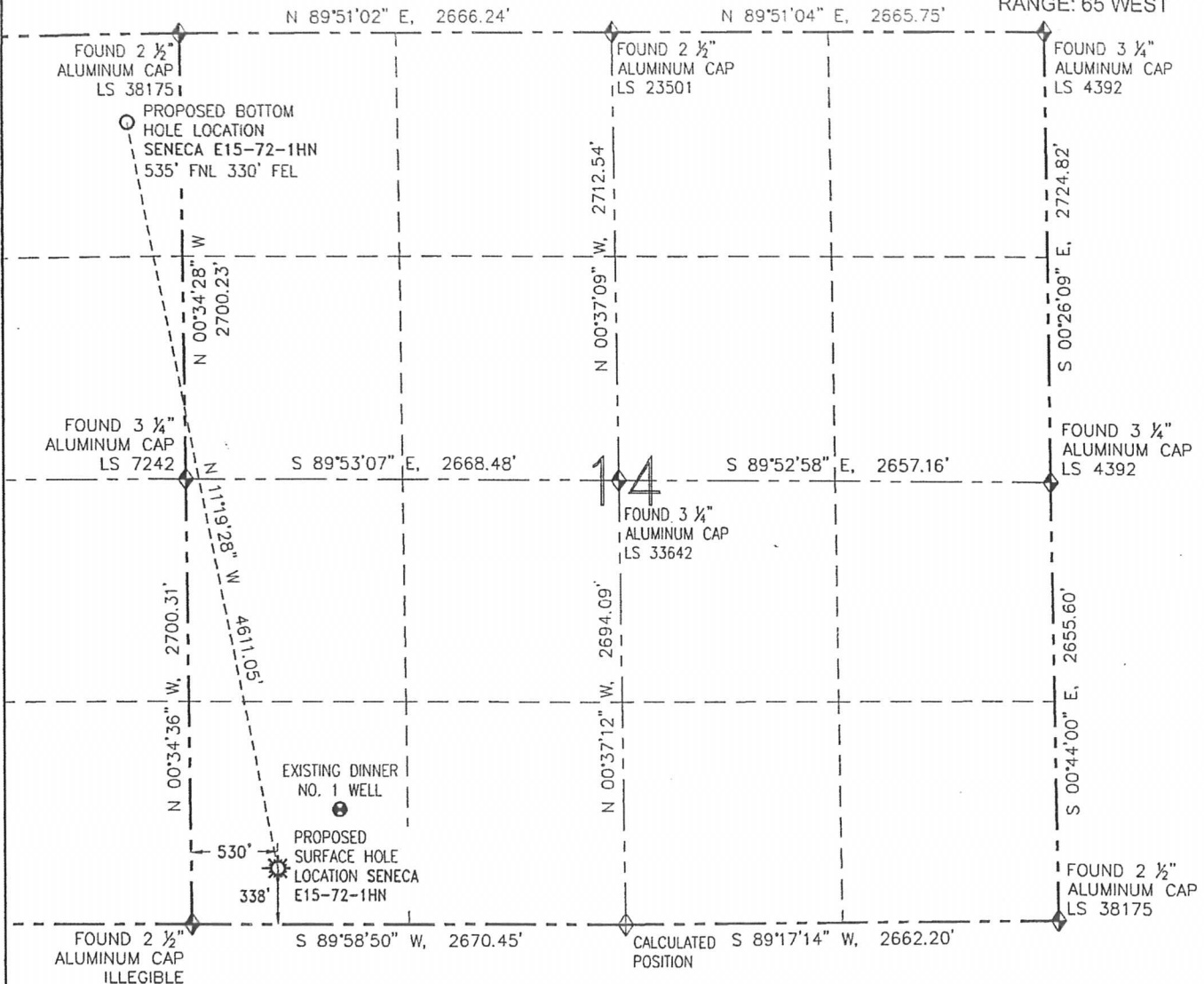


WELL LOCATION CERTIFICATE

SENECA E15-72-1HN

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 14
TOWNSHIP: 6 NORTH
RANGE: 65 WEST

0 1000'

SCALE: 1" = 1000'

LEGEND

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

PAGE 1 OF SHEET 1

SURFACE HOLE LOCATION (NAD 83)

LATITUDE: N 40.47973°
 LONGITUDE: W 104.63816°
 ELEVATION: 4737
 PDOP: 2.3
 1/4-1/4: SW SW
 NEAREST PROPERTY LINE: 322' S

BOTTOM HOLE LOCATION

LATITUDE: N 40.49216°
 LONGITUDE: W 104.64126°

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: DINNER NO. 1 525' NE.
4. SEE LOCATION DRAWING FOR ALL IMPROVEMENTS WITHIN 400' OF THE OIL/GAS LOCATION.
5. SURFACE USE: PASTURE.

IN ACCORDANCE WITH A REQUEST FROM BRIAN JAMES-NOBLE ENERGY INC., R&R ENGINEERS-SURVEYORS, INC. HAS DETERMINED THE SURFACE HOLE LOCATION OF THE SENECA E15-72-1HN WELL TO BE 338' FSL AND 530' FWL AS MEASURED AT (90) DEGREES FROM THE SECTION LINES OF SECTION 14, TOWNSHIP 6 NORTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO. THE BOTTOM HOLE LOCATION, AS PROVIDED BY THE CLIENT, IS TO BE 535' FNL AND 330' FEL OF SECTION 15, TOWNSHIP: 6 NORTH, RANGE 65 WEST.

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME, OR UNDER MY DIRECT SUPERVISION, THAT THE FIELD WORK WAS COMPLETED ON 03/11/13, 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.



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



ENGINEERS
SURVEYORS

FIELD DATE: 03/11/13

PLOT DATE: 03/20/13

DRAWN BY: CJD

JOB NO.: NE12383

SHEET NO.: 1 of 3

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.).

WELL LOCATION CERTIFICATE

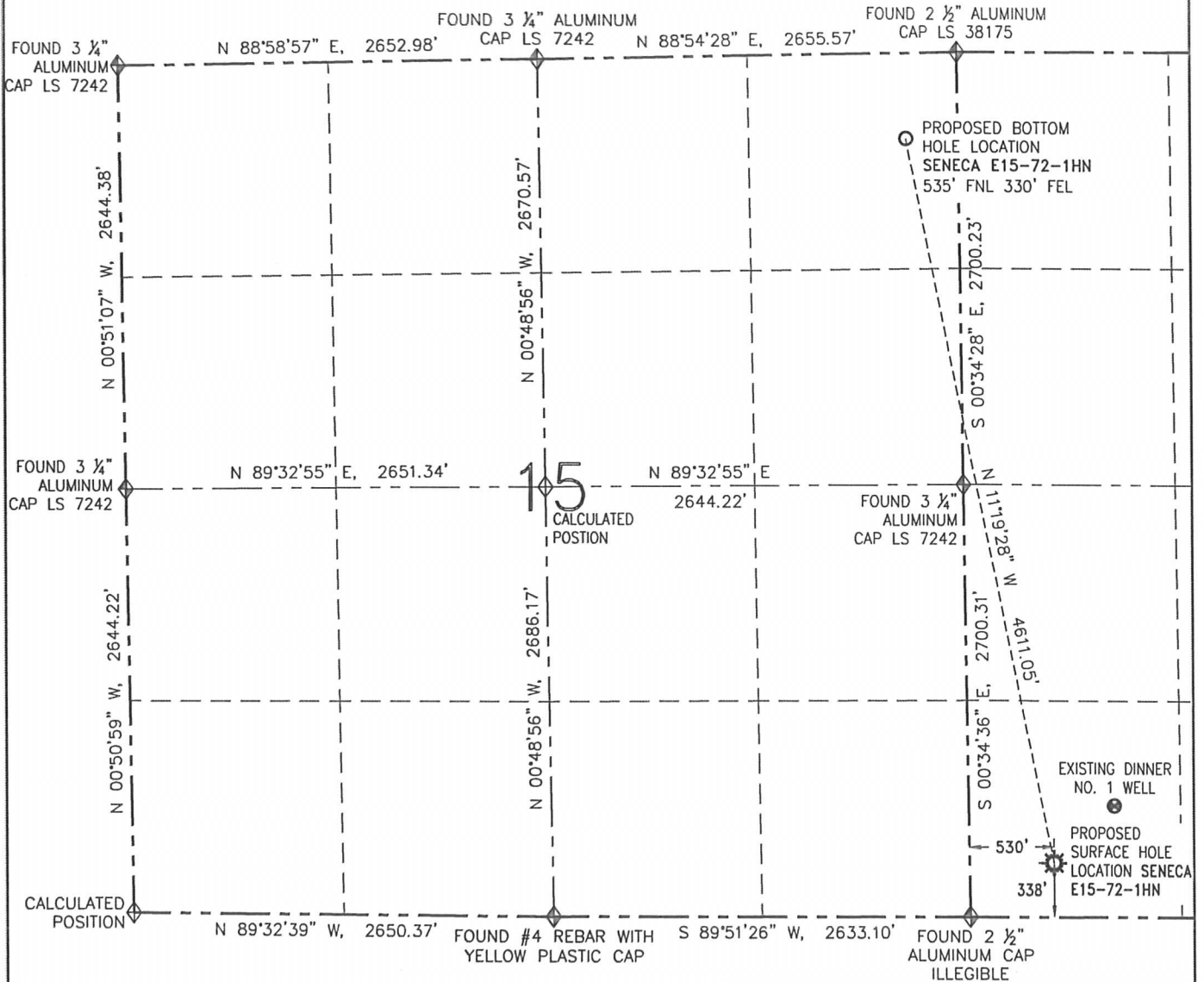
SENECA E15-72-1HN

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SHL-SECTION: 14

TOWNSHIP: 6 NORTH

RANGE: 65 WEST



0 1000'

SCALE: 1" = 1000'

SURFACE HOLE LOCATION (NAD 83)

LATITUDE: N 40.47973°

LONGITUDE: W 104.63816°

ELEVATION: 4737

PDOP: 2.3

1/4-1/4: SW SW

NEAREST PROPERTY LINE: 322' S

BOTTOM HOLE LOCATION

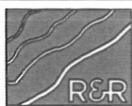
LATITUDE: N 40.49216°

LONGITUDE: W 104.64126°

LEGEND

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

PAGE 2 OF SHEET 1



FIELD DATE: 03/11/13

PLOT DATE: 03/20/13

DRAWN BY: CJD

JOB NO.: NE12383

SHEET NO.: 1 of 3

NOTICE:

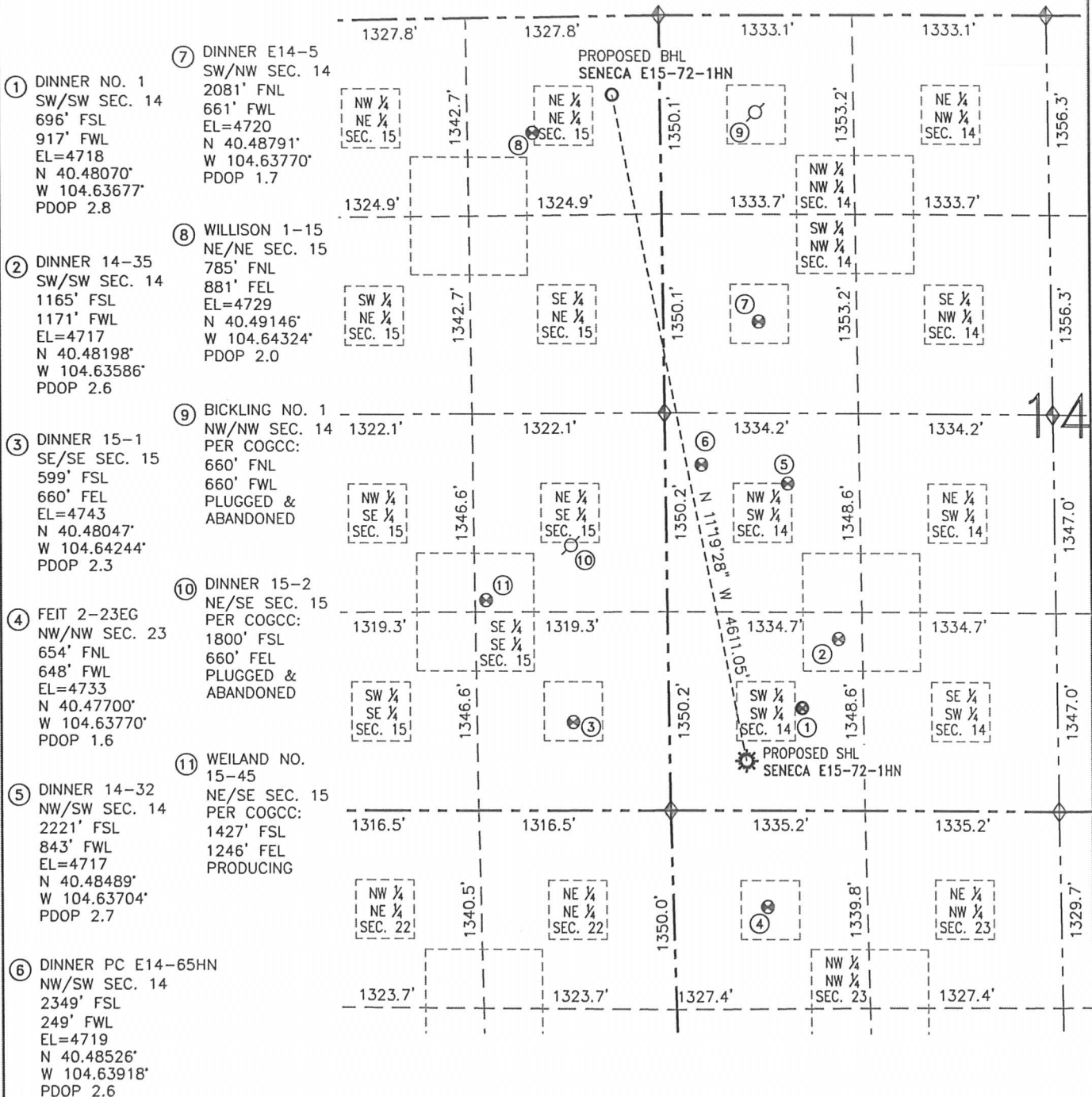
ACCORDING TO COLORADO LAW, YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS W.L.C. WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS W.L.C. BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON (13-80-105 C.R.S.).

SITE SKETCH

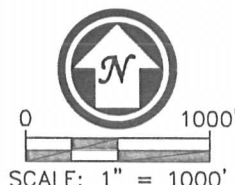
SENECA E15-72-1HN

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 14
TOWNSHIP: 6 NORTH
RANGE: 65 WEST



FIELD DATE: 03/11/13
PLOT DATE: 03/21/13
DRAWN BY: CJD
JOB NO.: NE12383
SHEET NO.: 2 of 3



- NOTES:**
1. THIS SKETCH DOES NOT REPRESENT A BOUNDARY SURVEY.
 2. HORIZONTAL DATUM IS NAD 83.
 3. VERTICAL DATUM IS NAVD 88.

LEGEND	
	PROPOSED WELL
	EXISTING WELL
	BOTTOM HOLE
	ABANDONED WELL
	FOUND MONUMENT
	CALCULATED POSITION