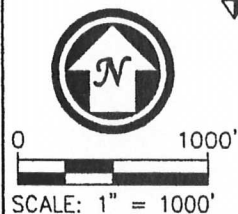
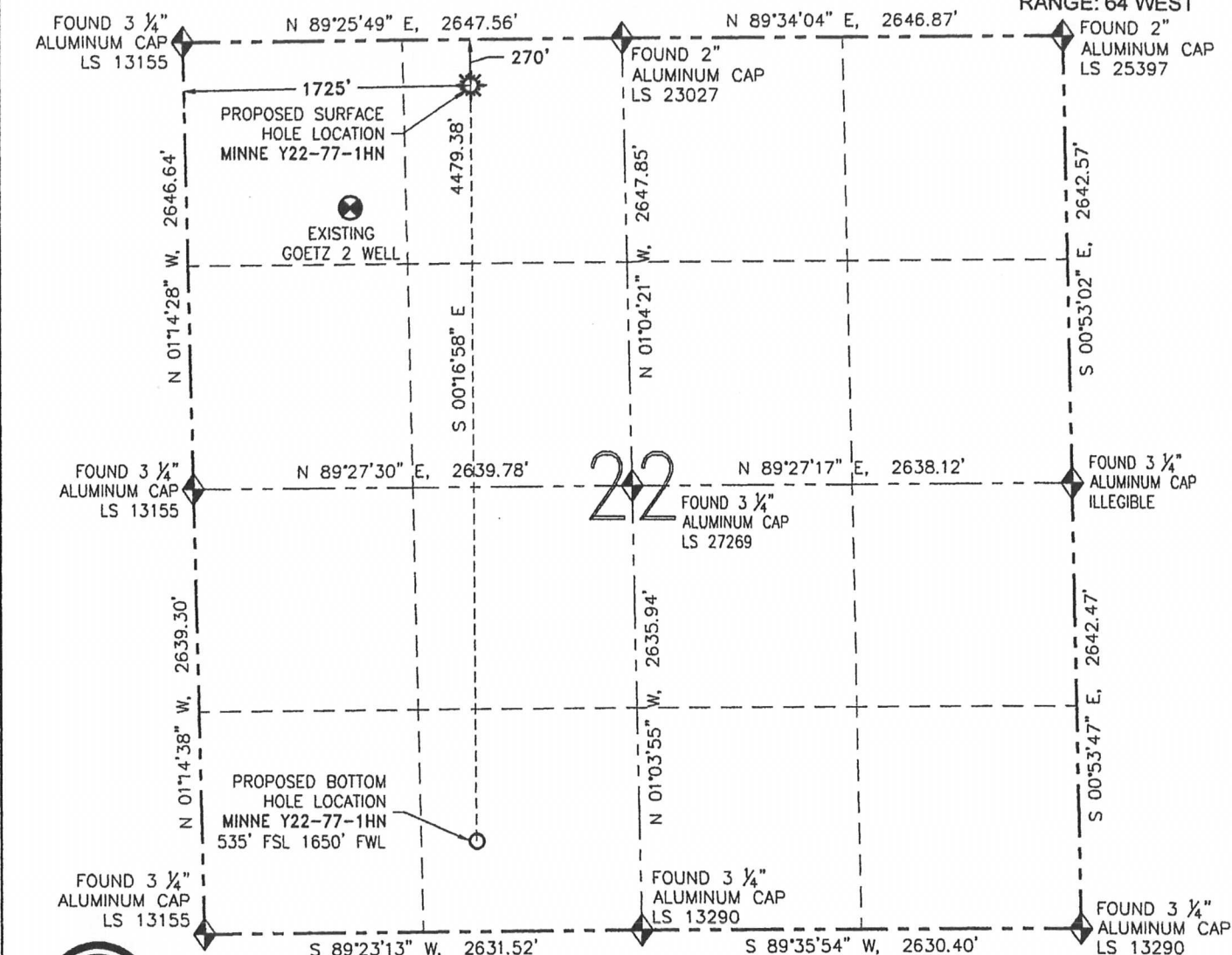


WELL LOCATION CERTIFICATE

MINNE Y22-77-1HN

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 22
TOWNSHIP: 2 NORTH
RANGE: 64 WESTSURFACE HOLE LOCATION (NAD 83)

LATITUDE: N 40.13047°

LONGITUDE: W 104.54082°

ELEVATION: 5009

PDOP: 1.9

¼-¼: NE NW

NEAREST PROPERTY LINE: 270' N

BOTTOM HOLE LOCATION

LATITUDE: N 40.11818°

LONGITUDE: W 104.54092°

IN ACCORDANCE WITH A REQUEST FROM MIKE RODINE-NOBLE ENERGY INC., R&R ENGINEERS-SURVEYORS, INC. HAS DETERMINED THE SURFACE HOLE LOCATION OF THE MINNE Y22-77-1HN WELL TO BE 270' FNL AND 1725' FWL AS MEASURED AT (90) DEGREES FROM THE SECTION LINES OF SECTION 22, TOWNSHIP 2 NORTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO. THE BOTTOM HOLE LOCATION, AS PROVIDED BY THE CLIENT, IS TO BE 535' FSL AND 1650' FWL OF SECTION 22, TOWNSHIP 2 NORTH RANGE 64 WEST.

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: GOETZ 2 1027' SW.
4. SEE LOCATION DRAWING FOR ALL IMPROVEMENTS WITHIN 400' OF THE OIL/GAS LOCATION.
5. SURFACE USE: CROPLAND.

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME, OR UNDER MY DIRECT SUPERVISION, THAT THE FIELD WORK WAS COMPLETED ON 08/21/12, 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.

| LEGEND | |
|--------|----------------|
| | PROPOSED WELL |
| | EXISTING WELL |
| | FOUND MONUMENT |



FIELD DATE: 08/21/12
PLOT DATE: 11/08/12
DRAWN BY: CJD
JOB NO.: NE12320
SHEET NO.: 1 of 6

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 BE 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.).



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

SITE SKETCH

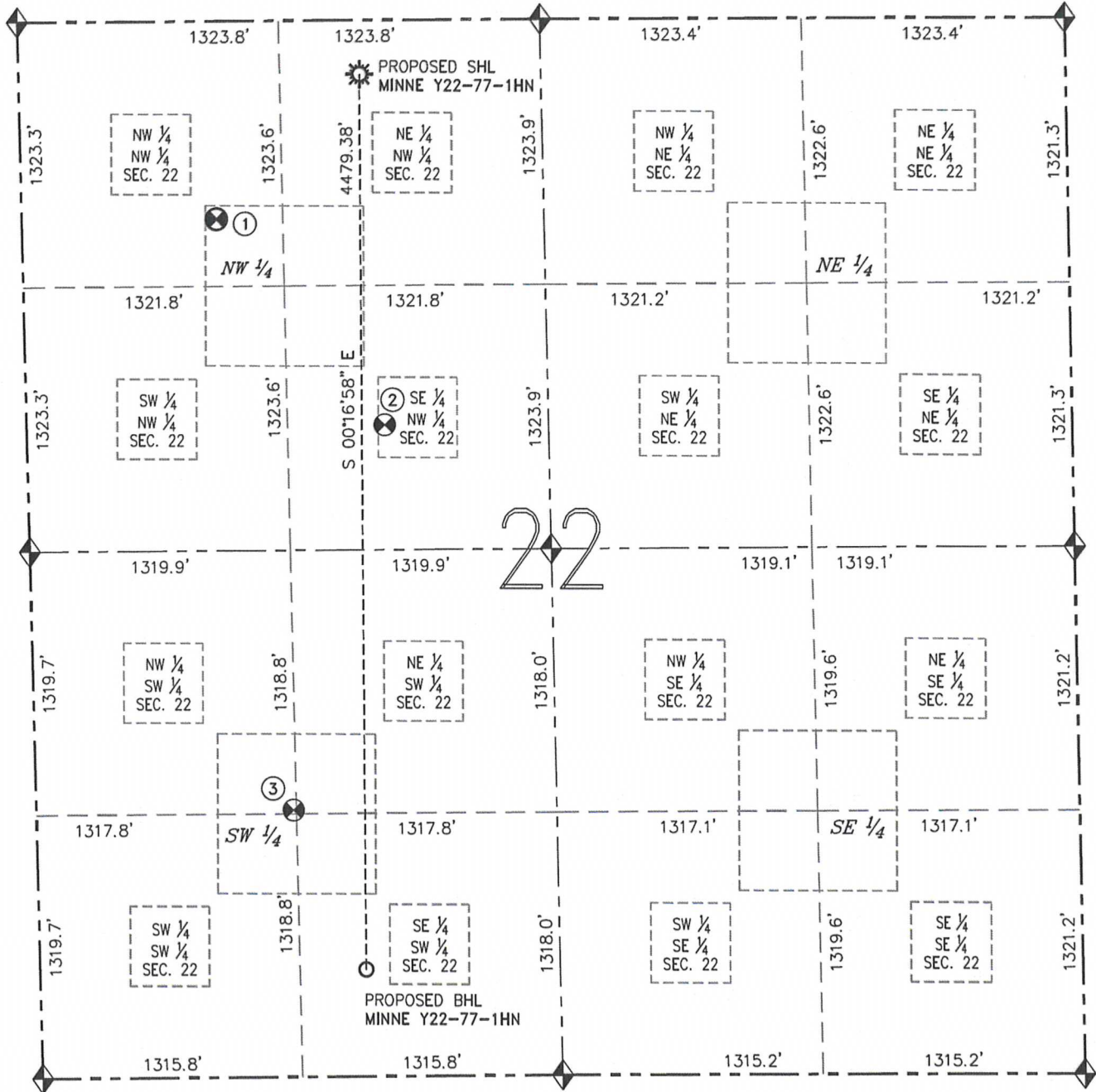
MINNE Y22-77-1HN

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 22

TOWNSHIP: 2 NORTH

RANGE: 64 WEST



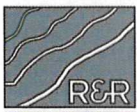
① GOETZ 2
NW/NW SEC 22
990' FNL
983' FWL
EL=4986'
N 40.12850°
W 104.54345°
PDOP 1.9

② GOETZ Y22-06
SE/NW SEC 22
2023' FNL
1811' FWL
EL=4999'
N 40.12566°
W 104.54045°
PDOP 2.0

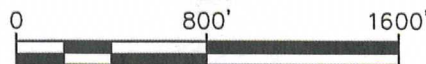
③ ACCO-TERRA-BODECKER 40
NW/SW SEC 22
1336' FSL
1302' FWL
EL=4996'
N 40.12038°
W 104.54219°
PDOP 1.7

NOTES:

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



FIELD DATE: 08/21/12
PLOT DATE: 11/08/12
DRAWN BY: CJD
JOB NO.: NE12320
SHEET NO.: 2 of 6



SCALE: 1" = 800'

LEGEND

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