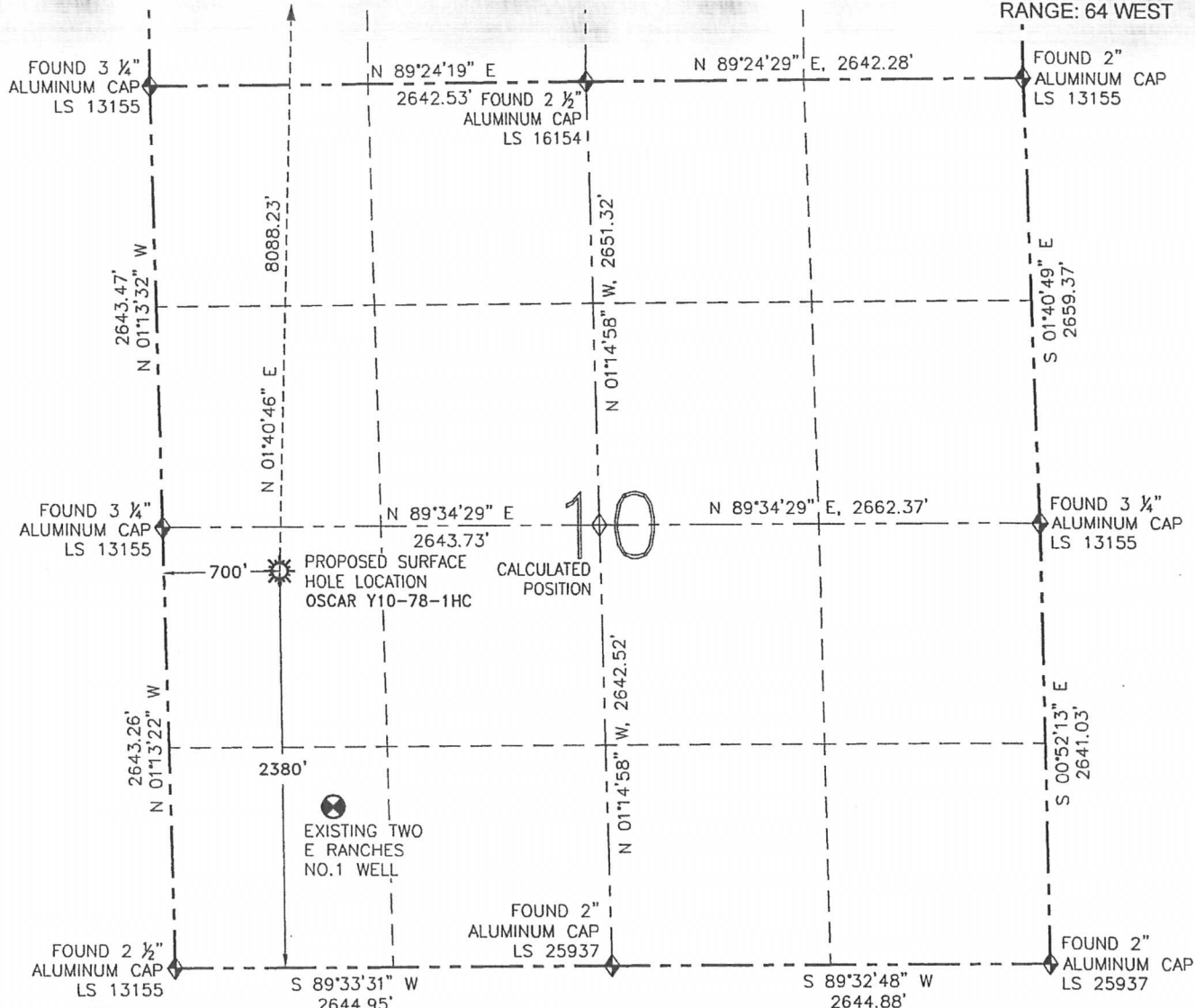


WELL LOCATION CERTIFICATE

OSCAR Y10-78-1HC

SECTION: 10
TOWNSHIP: 2 NORTH
RANGE: 64 WEST

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY



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 40.15225°
LONGITUDE: W 104.54457°
ELEVATION: 4943
PDOP: 1.7

1/4-1/4 NW SW
NEAREST PROPERTY LINE: 700' W

BOTTOM HOLE

LATITUDE: N 40.17443°
LONGITUDE: W 104.54341°

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 IN SECTION 10 IS: TWO E RANCHES NO. 1 WELL 1450' SE.
4. SEE LOCATION DRAWING FOR ALL IMPROVEMENTS WITHIN 400' OF THE OIL/GAS LOCATION.
5. SURFACE USE: PASTURE.

IN ACCORDANCE WITH A REQUEST FROM MIKE RODINE -NOBLE ENERGY INC., R&R ENGINEERS-SURVEYORS, INC. HAS DETERMINED THE SURFACE HOLE LOCATION OF THE OSCAR Y10-78-1HC WELL TO BE 2380' FSL AND 700' FWL AS MEASURED AT (90) DEGREES FROM THE SECTION LINES OF SECTION 10, 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 75' FNL AND 990' FWL OF SECTION 3, TOWNSHIP 2 NORTH, RANGE 64 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 10/22/12, 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.



David C. Holmes



ENGINEERS-SURVEYORS

FIELD DATE: 10/22/12

PLOT DATE: 01/16/13

DRAWN BY: CJD

JOB NO.: NE12371

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 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.

WELL LOCATION CERTIFICATE

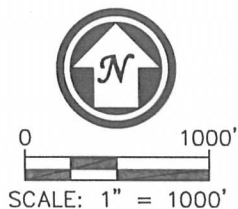
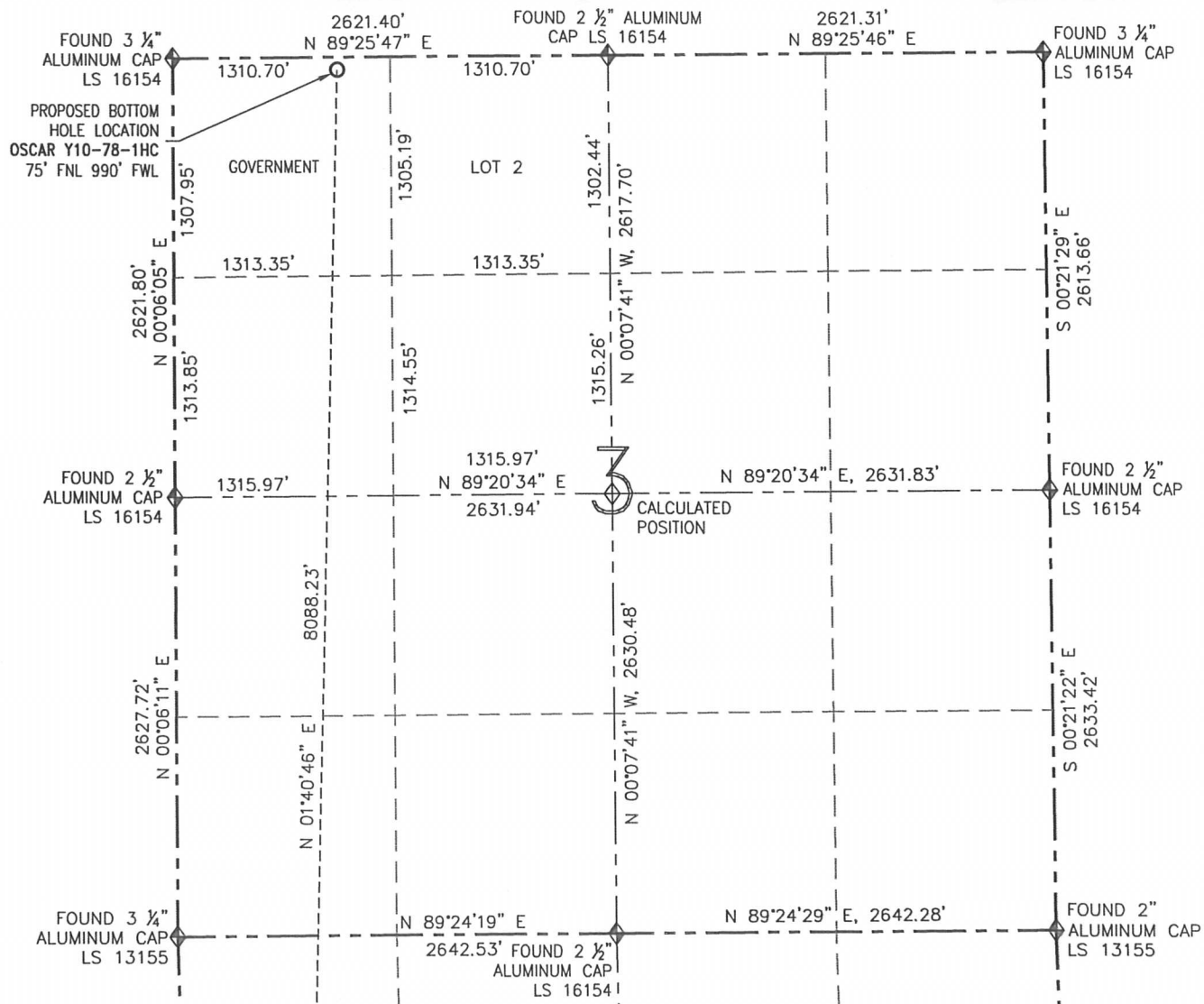
OSCAR Y10-78-1HC

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SHL- SECTION: 10

TOWNSHIP: 2 NORTH

RANGE: 64 WEST



SURFACE HOLE LOCATION NAD 83

LATITUDE: N 40.15225°

LONGITUDE: W 104.54457°

ELEVATION: 4943

PDOP: 1.7

1/4-1/4 NW SW

NEAREST PROPERTY LINE: 700' W

BOTTOM HOLE

LATITUDE: N 40.17443°

LONGITUDE: W 104.54341°

PAGE 2 OF SHEET 1



FIELD DATE: 10/22/12

PLOT DATE: 01/16/13

DRAWN BY: CJD

JOB NO.: NE12371

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 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.).

LEGEND

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

SITE SKETCH

OSCAR Y10-78-1HC

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 10
TOWNSHIP: 2 NORTH
RANGE: 64 WEST

① WASTE MANAGEMENT
USX Y3-13
SW/SW SEC. 3
762' FSL
764' FWL
ELEVATION: 4883'
PDOP: 2.0
N 40.16232°
W 104.54442°

② WASTE MANAGEMENT
USX Y3-14
SE/SW SEC. 3
560' FSL
1886' FWL
ELEVATION: 4896'
PDOP: 2.3
N 40.16177°
W 104.54041°

③ WASTE MANAGEMENT
USX Y3-25
NW/SW SEC. 3
1422' FSL
1220' FWL
ELEVATION: 4884'
PDOP: 2.0
N 40.16413°
W 104.54276°

④ WASTE MANAGEMENT
USX Y3-12
NW/SW SEC. 3
2081' FSL
570' FWL
ELEVATION: 4878'
PDOP: 2.1
N 40.16594°
W 104.54505°

⑤ WASTE MANAGEMENT
USX Y3-11
NE/SW SEC. 3
1885' FSL
1880' FWL
ELEVATION: 4896'
PDOP: 1.6
N 40.16540°
W 104.54038°

⑥ WASTE MANAGEMENT
USX Y3-6
SE/NW SEC. 3
2077' FSL
2077' FWL
ELEVATION: 4895'
PDOP: 2.0
N 40.16893°
W 104.53961°

⑦ WASTE MANAGEMENT
USX Y03-05
SW/NW SEC. 3
1881' FNL
759' FWL
ELEVATION: 4870'
PDOP: 2.1
N 40.16947°
W 104.54432°

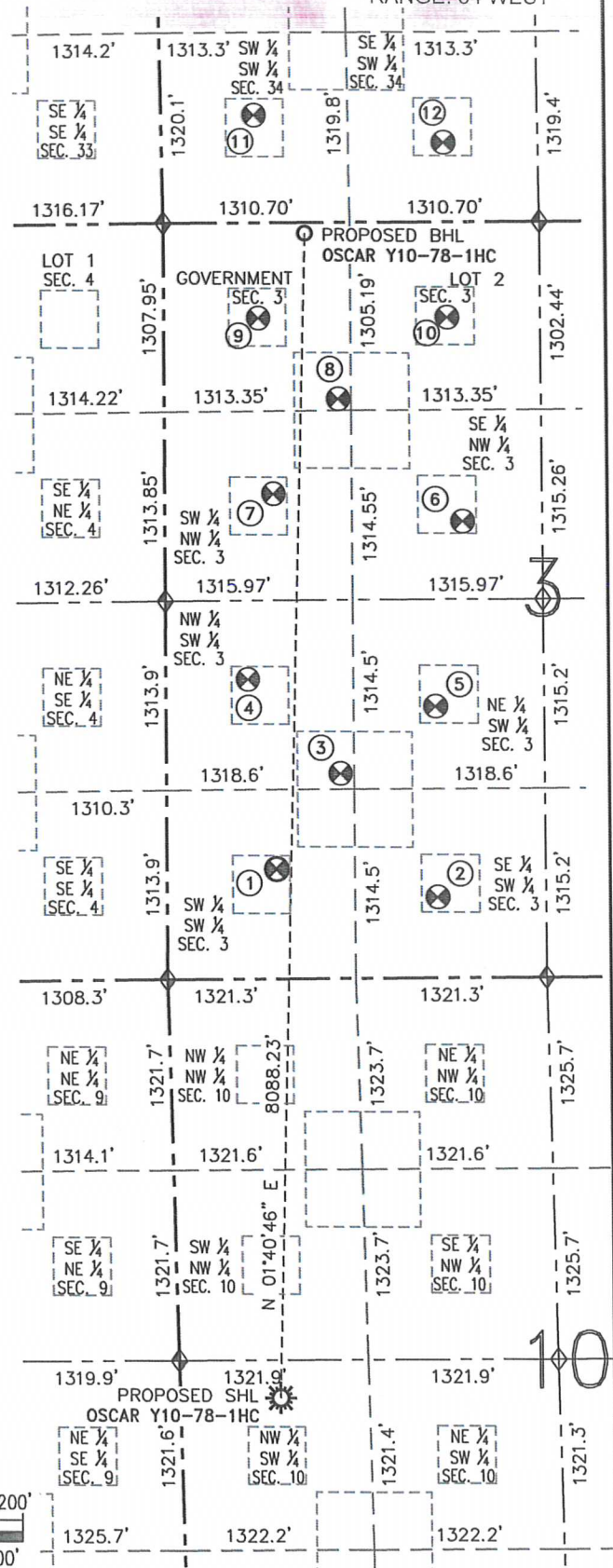
⑧ WASTE MANAGEMENT
USX Y3-19
NW/NW SEC. 3
W $\frac{1}{2}$ GOVT LOT 2
1224' FNL
1219' FWL
ELEVATION: 4871'
PDOP: 1.9
N 40.17128°
W 104.54264°

⑨ WASTE MANAGEMENT
USX Y3-4
NW/NW SEC. 3
W $\frac{1}{2}$ GOVT LOT 2
662' FNL
659' FWL
ELEVATION: 4864'
PDOP: 2.0
N 40.17282°
W 104.54462°

⑩ WASTE MANAGEMENT
USX Y3-3
NE/NW SEC. 3
W $\frac{1}{2}$ GOVT LOT 2
662' FNL
1977' FWL
ELEVATION: 4878'
PDOP: 2.2
N 40.17282°
W 104.53991°

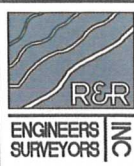
⑪ LIAM D34-13
SW/SW SEC. 34
746' FSL
648' FWL
ELEVATION: 4873'
PDOP: 1.7
N 40.17668°
W 104.54464°

⑫ LIAM D34-14
SE/SW SEC. 34
551' FSL
1968' FWL
ELEVATION: 4883'
PDOP: 1.8
N 40.17615°
W 104.53992°



NOTES:

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



FIELD DATE: 10/22/12
PLOT DATE: 01/16/13
DRAWN BY: CJD
JOB NO.: NE12371
SHEET NO.: 2 of 6

LEGEND

- ☀ PROPOSED WELL
- ⊙ EXISTING WELL
- BOTTOM HOLE
- ◆ FOUND MONUMENT
- ◇ CALCULATED POSITION



0 1200'
SCALE: 1" = 1200'