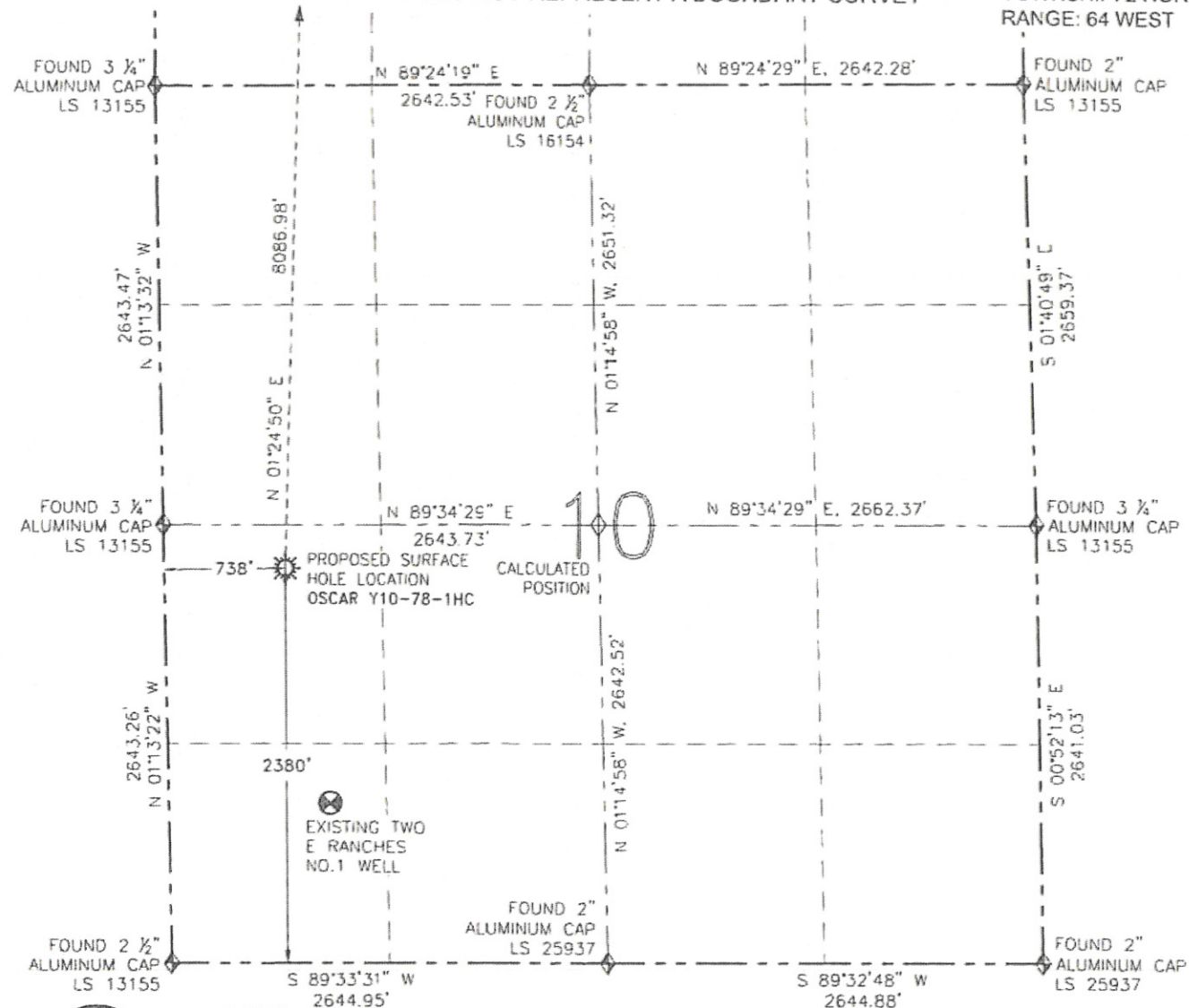


# WELL LOCATION CERTIFICATE

OSCAR Y10-78-1HC

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 10  
TOWNSHIP: 2 NORTH  
RANGE: 64 WEST



0 1000'  
SCALE: 1" = 1000'

## LEGEND

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

## SURFACE HOLE LOCATION NAD 83

LATITUDE: N 40.15225°  
LONGITUDE: W 104.54444°  
ELEVATION: 4943  
PDOP: 1.7

1/4-1/4 NW SW  
NEAREST PROPERTY LINE: 738' 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 CEIO09
3. THE NEAREST EXISTING WELL IN SECTION 10 IS: TWO E RANCHES NO. 1 WELL 1442' 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 738' 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' FWL 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.



ANTONIO W. SMITH, PLS 38320  
FOR & ON BEHALF OF R&R ENGINEERS-SURVEYORS, INC.



FIELD DATE: 10/22/12  
PLOT DATE: 09/24/13  
DRAWN BY: CJD  
JOB NO.: NE12370  
SHEET NO.: 1 of 4

## 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

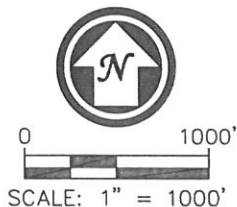
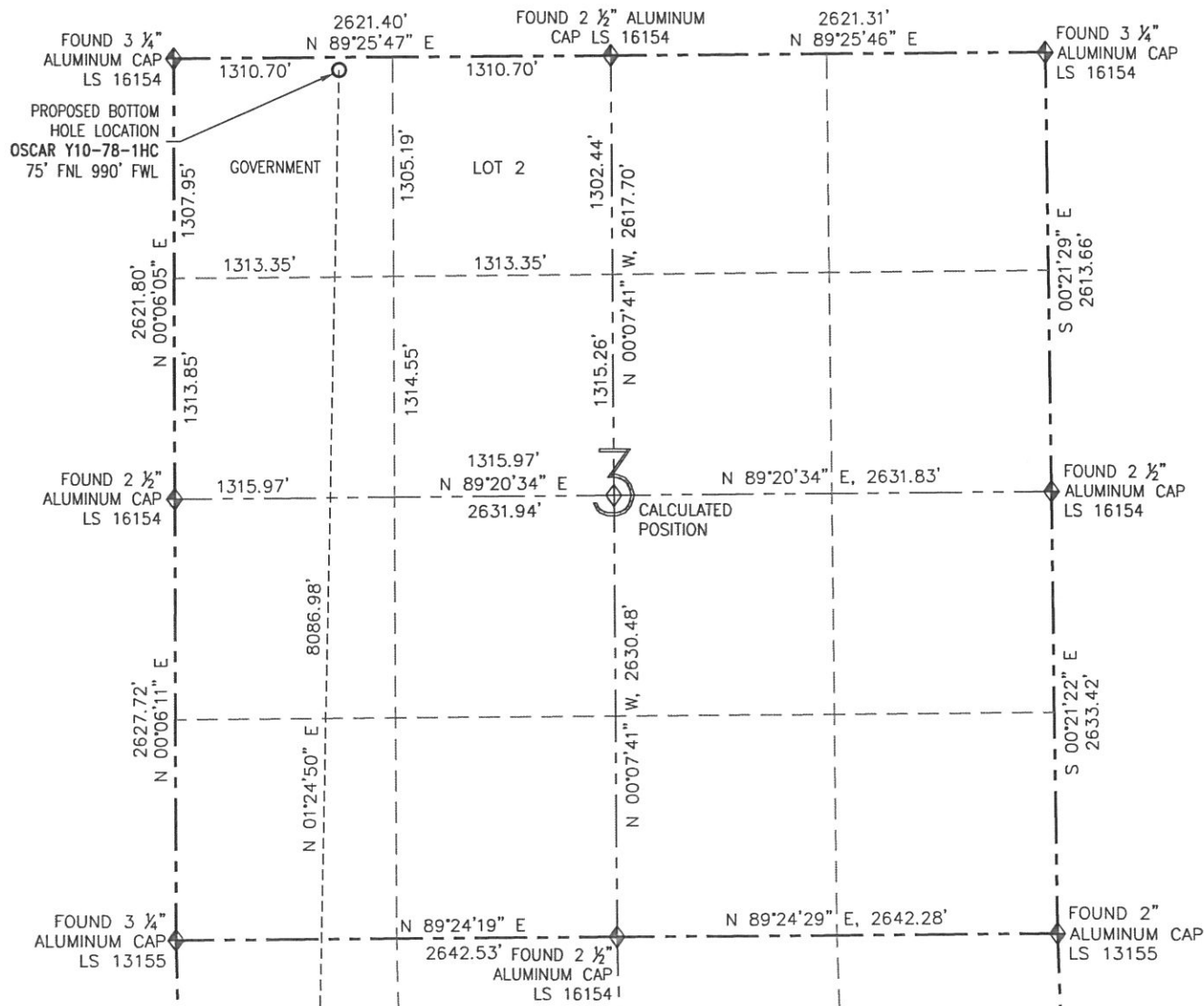
OSCAR Y10-78-1HC

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 104.54444°

ELEVATION: 4943

PDOP: 1.7

1/4-1/4: NW SW

NEAREST PROPERTY LINE: 738' W

BOTTOM HOLE

LATITUDE: N 40.17443°

LONGITUDE: W 104.54341°

PAGE 2 OF SHEET 1

	FIELD DATE: 10/22/12
	PLOT DATE: 09/24/13
	DRAWN BY: CJD
	JOB NO.: NE12370
	SHEET NO.: 1 of 4

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°

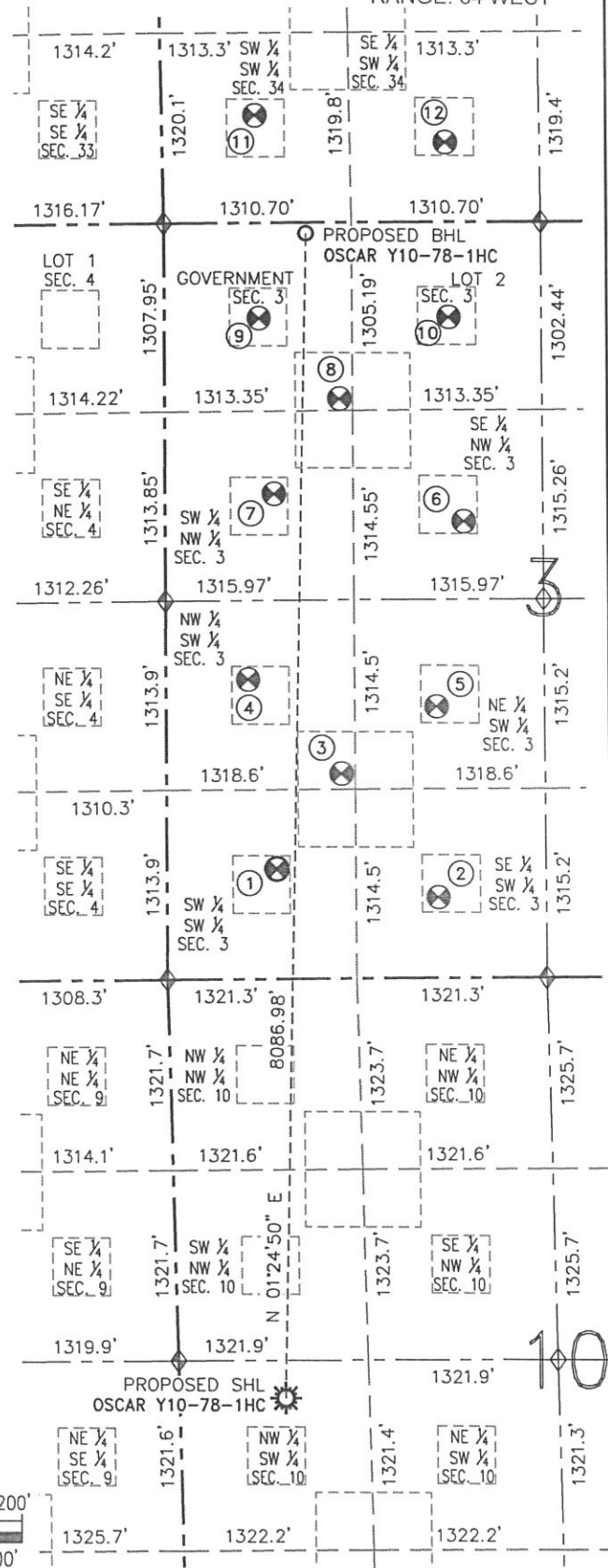
⑧ WASTE MANAGEMENT  
USX Y3-19  
NW/NW SEC. 3  
1/2 GOVT LOT 2  
1224' FNL  
1219' FWL  
ELEVATION: 4871'  
PDOP: 1.9  
N 40.17128°  
W 104.54264°

⑨ WASTE MANAGEMENT  
USX Y3-4  
NW/NW SEC. 3  
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  
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:

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

	FIELD DATE: 10/22/12
	PLOT DATE: 09/24/13
	DRAWN BY: CJD
	JOB NO.: NE12370
SHEET NO.: 2 of 4	

LEGEND	
	PROPOSED WELL
	EXISTING WELL
	BOTTOM HOLE
	FOUND MONUMENT
	CALCULATED POSITION

