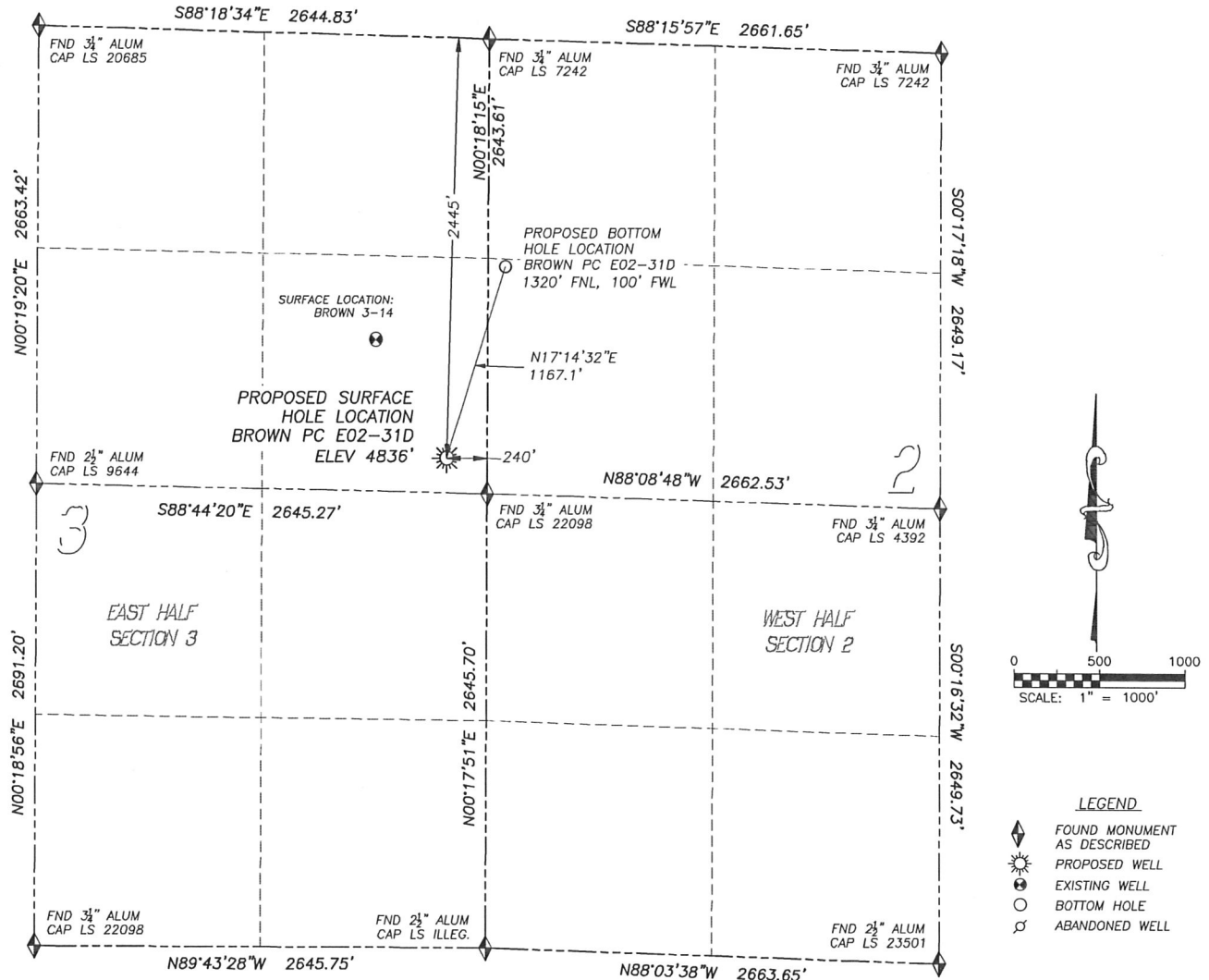


WELL LOCATION CERTIFICATE

BROWN PC E02-31D

SECTION 3, TOWNSHIP 6 NORTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN

**NAD 83 LATITUDE AND LONGITUDE****BROWN PC E02-31D SURFACE HOLE:**

LATITUDE: N40.51631°
 LONGITUDE: W104.64063°
 ELEVATION: 4836'
 FOOTAGE: 2445' FNL, 240' FEL
 PDOP: 1.9
 QTR/QTR: SE4/NE4
 PROP LINE: 200'± SOUTH

BOTTOM HOLE:

LATITUDE: N40.51937°
 LONGITUDE: W104.63939°
 FOOTAGE: 1320' FNL, 100' FWL

NEAREST EXISTING WELL:

BROWN 3-14 SURFACE HOLE
 LATITUDE: N40.51821°
 LONGITUDE: W104.64213°
 ELEVATION: 4833'
 806' NORTHWEST

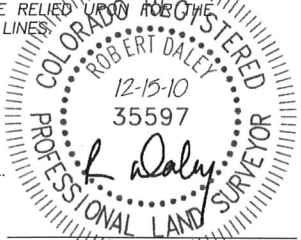
IN ACCORDANCE WITH A REQUEST FROM JOE JOHNSON OF NOBLE ENERGY INC., DALEY LAND SURVEYING, INC. HAS DETERMINED THE SURFACE LOCATION OF THE BROWN PC E02-31D WELL TO BE 2445' FNL, 240' FEL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 3, TOWNSHIP 6 NORTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO. THE BOTTOM HOLE LOCATION, PROVIDED BY THE CLIENT, IS TO BE 1320' FNL, 100' FWL, SECTION 2, T.6N., R.65W.

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE WORK WAS COMPLETED ON 12/13/2010 FOR AND ON BEHALF OF NOBLE ENERGY, INC., AND THAT THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY, NOR A LAND SURVEY PLAT OR AN IMPROVEMENT SURVEY PLAT AND IT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF FENCE, BUILDING OR OTHER FUTURE IMPROVEMENT LINES.

NOTES:

- 1) BEARINGS FOR THIS MAP ARE ASSUMED AND BASED UPON GPS OBSERVATIONS MADE BETWEEN MONUMENTS LOCATED AT THE NORTHEAST CORNER AND EAST QUARTER CORNER OF SECTION 3, T.6N., R.65W.
- 2) HORIZONTAL DATUM IS NAD83.
- 3) VERTICAL DATUM IS NAVD88. ELEVATIONS ARE DERIVED FROM GPS OBSERVATIONS PROCESSED THROUGH OPUS, UTILIZING THE GEOID03 MODEL.
- 4) SEE LOCATION DRAWING FOR VISIBLE IMPROVEMENTS WITHIN 600' OF PROPOSED SURFACE HOLE LOCATION.
- 5) SURFACE USE: FIELD / PASTURE.

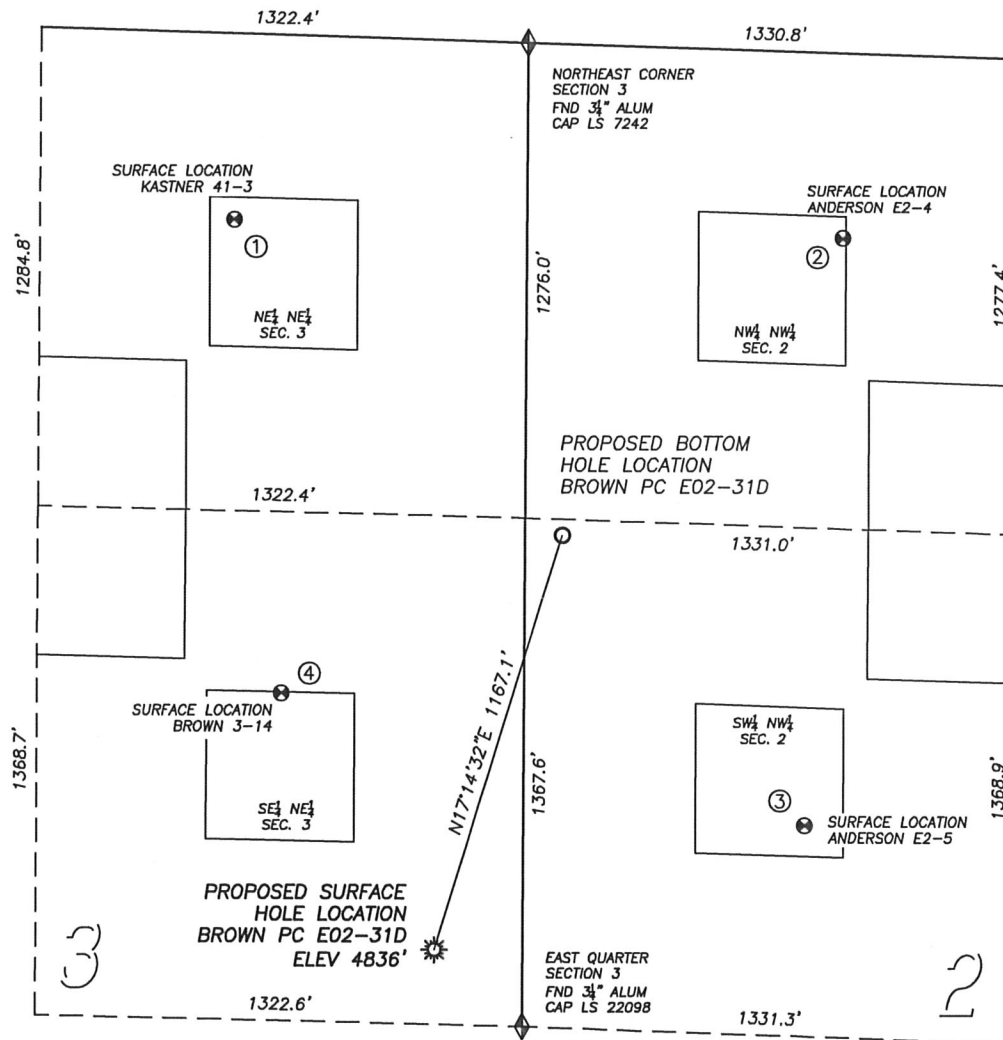
NOTICE: According to Colorado law you MUST commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any such defect in this W.L.C. be commenced more than ten years from the date of the certification shown herein.



FOR AND ON BEHALF OF
DALEY LAND SURVEYING INC.,
Robert Daley, PLS 35597

SITE SKETCH BROWN PC E02-31D

SECTION 3, TOWNSHIP 6 NORTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN



- LEGEND**
- ◆ FOUND MONUMENT AS DESCRIBED
 - ⊙ PROPOSED WELL
 - ⊙ EXISTING WELL
 - BOTTOM HOLE
 - ⊘ ABANDONED WELL

①

KASTNER 41-3
NE/NE SEC. 3
500' FNL, 796' FEL
1230' NW OF PROPOSED
BOTTOM HOLE LOCATION
LAT. N40.52170°
LONG. W104.64259°
ELEV. 4842'
PDOP 2.6

②

ANDERSON E2-4
NW/NW SEC. 2
498' FNL, 856' FWL
1103' NE OF PROPOSED
BOTTOM HOLE LOCATION
LAT. N40.52157°
LONG. W104.63666°
ELEV. 4855'
PDOP 1.7

③

ANDERSON E2-5
SW/NW SEC. 2
2078' FNL, 761' FWL
1018' SE OF PROPOSED
BOTTOM HOLE LOCATION
LAT. N40.51724°
LONG. W104.63703°
ELEV. 4855'
PDOP 2.5

④

BROWN 3-14
SE/NE SEC. 3
1767' FNL, 660' FEL
873' SW OF PROPOSED
BOTTOM HOLE LOCATION
LAT. N40.51821°
LONG. W104.64213°
EL. 4833'
PDOP 2.0

NOTES:

- 1) THIS DOES NOT REPRESENT A BOUNDARY SURVEY
- 2) THE LATITUDES AND LONGITUDES SHOWN ARE REFERENCED TO NAD83
- 3) DATUM FOR ELEVATION IS NAVD83. ELEVATIONS ARE DERIVED FROM GPS-RTK OBSERVATIONS PROCESSED THROUGH OPUS, UTILIZING THE GEOID03 MODEL

PAD DETAIL

