

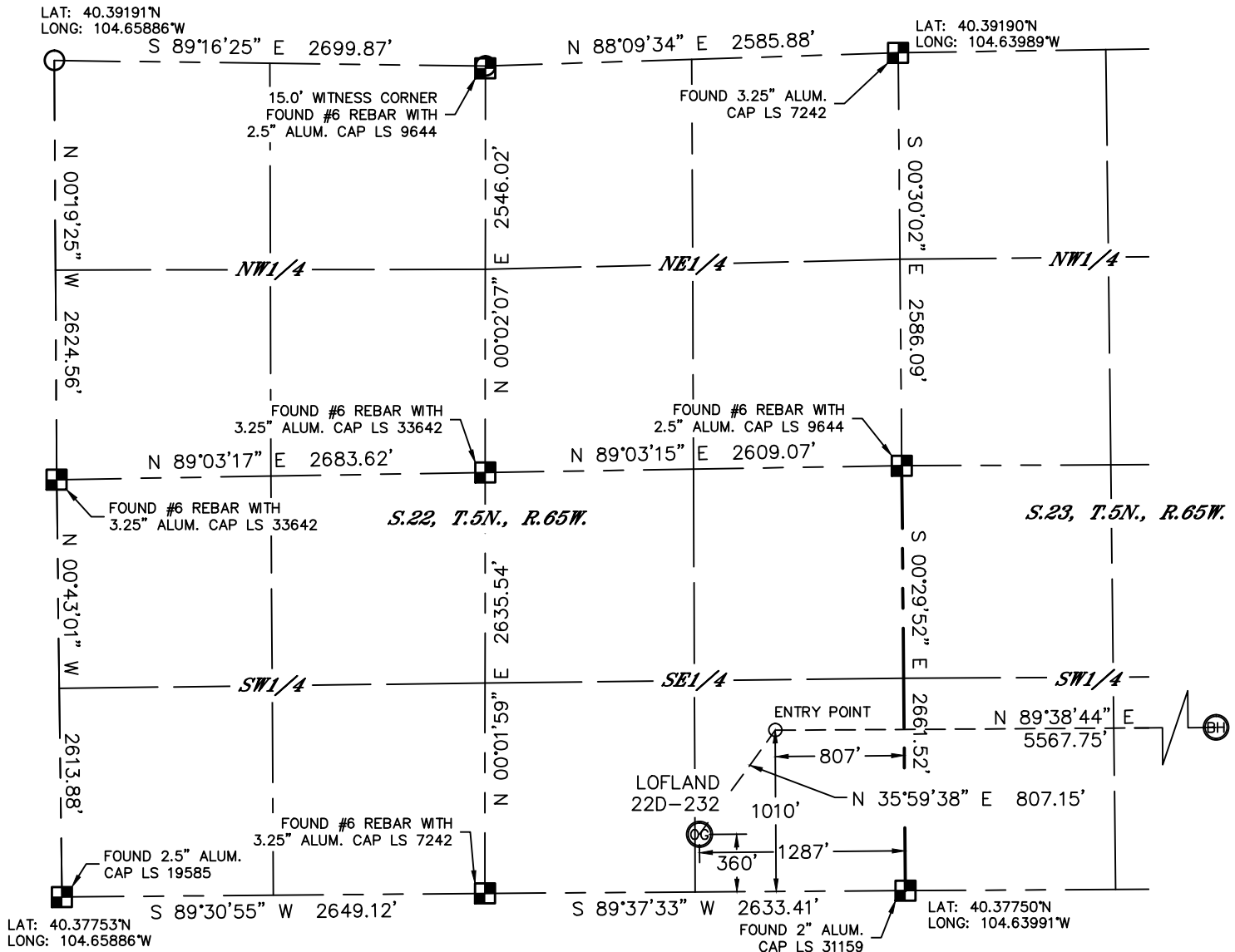


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

# WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 22  
TOWNSHIP: 5N  
RANGE: 65W



In accordance with a request from MARK ALESSI with PDC ENERGY, Lat40°, Inc. has determined the surface location of the LOFLAND 22D-232 to be 360' from the SOUTH line and 1287' from the EAST line as measured at right angles from the section lines of Section 22, Township 5 North, Range 65 West and the bottom hole to be 1010' from the SOUTH line and 500' from the EAST line as measured at right angles from the section lines of Section 23, Township 5 North, Range 65 West of the Sixth Principal Meridian, County of Weld, State of Colorado.

I hereby state that this Well Location Certificate was prepared by me, or under my direct supervision, that the fieldwork was completed on 5/01/2013, for and on behalf of PDC ENERGY. That this is not a Land Survey Plat or an Improvement Survey Plat, and that it is not to be relied upon for establishment of fence, building, or other future improvement lines.

## NOTE:

- 1) Bearings shown are Grid Bearings of the Colorado State Plane Coordinate System, North Zone, North American Datum 1983/2007. The lineal dimensions as contained herein are based upon the "U.S. Survey Foot."
- 2) Ground elevations are based on an observed GPS elevation (NAVD 1988 DATUM).
- 3) IMPROVEMENTS: See LOCATION DRAWING for all visible improvements within 400' of disturbed area.
- 4) SURFACE USE: CROPLAND
- 5) INSTRUMENT OPERATOR: BRIAN ROTTINGHAUS

## SURFACE LOCATION

LAT: 40.37850°N  
LONG: 104.64453°W  
PDOP: 2.5  
ELEV: 4647'  
1/4,1/4: SE1/4SE1/4  
NEAREST PROPERTY LINE: 360' SOUTH

## BOTTOM HOLE

LAT: 40.38023°N  
LONG: 104.62282°W

## ENTRY POINT

LAT: 40.38028°N  
LONG: 104.64280°W

## NOTE

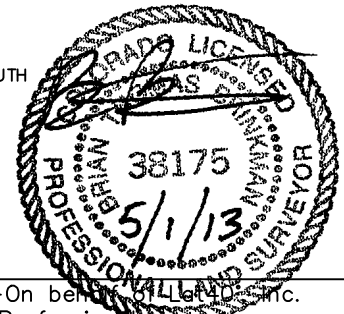
According to Colorado law, you must commence any legal action based upon any defect in this W.L.C. within three years after you discover such defect. In no event, may any action based upon any defect in this survey be commenced more than ten years after the date of the certificate shown hereon. (13-80-105 C.R.S.)

## LEGEND

- = ALIQUOT MONUMENT AS DESCRIBED
- = CALCULATED POSITION

## SHEET 1 OF 2

Brian T. Brinkman—On behalf of Lat40°, Inc.  
Colorado Licensed Professional Land Surveyor No. 38175  
DATE: rev 5/01/2013  
PROJECT#: 2013036



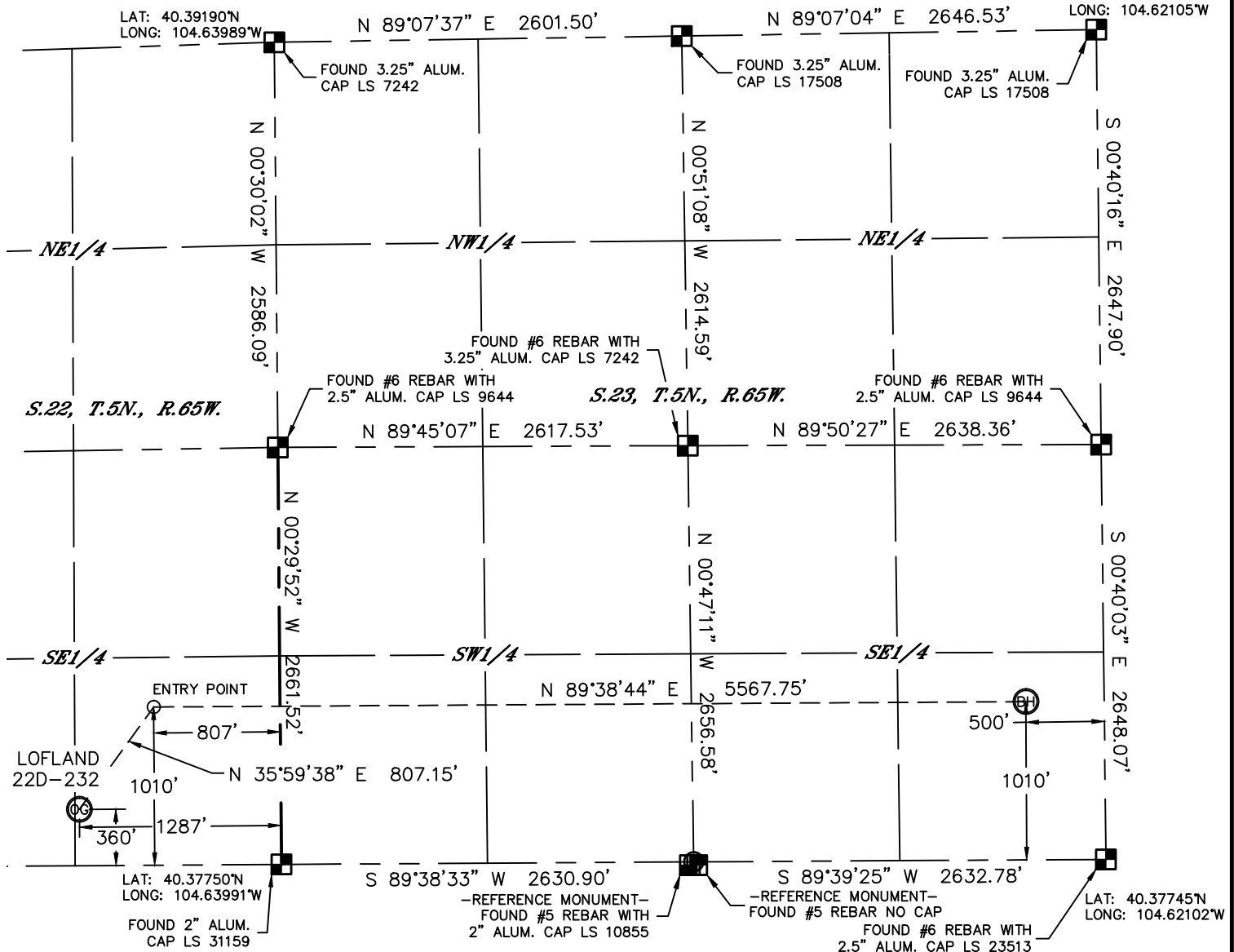
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# WELL LOCATION CERTIFICATE

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SECTION: 22  
TOWNSHIP: 5N  
RANGE: 65W



LAT: 40.39198°N  
LONG: 104.62105°W



NOTE

**NOTE**  
According to Colorado law, you must commence any legal action based upon any defect in this W.L.C. within three years after you discover such defect. In no event, may any action based upon any defect in this survey be commenced more than ten years after the date of the certificate shown hereon. (13-80-105 C.R.S.)

### LEGEND

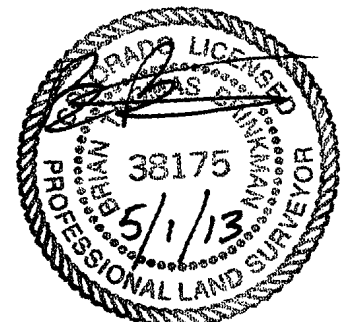
-  = ALIQUOT MONUMENT AS DESCRIBED  
 = CALCULATED POSITION

**SHEET 2 OF 2**

Brian T. Brinkman—On behalf of Lat40°, Inc.

Colorado Licensed Professional  
Land Surveyor No. 38175

DATE: rev 5/01/2013  
PROJECT#: 2013036



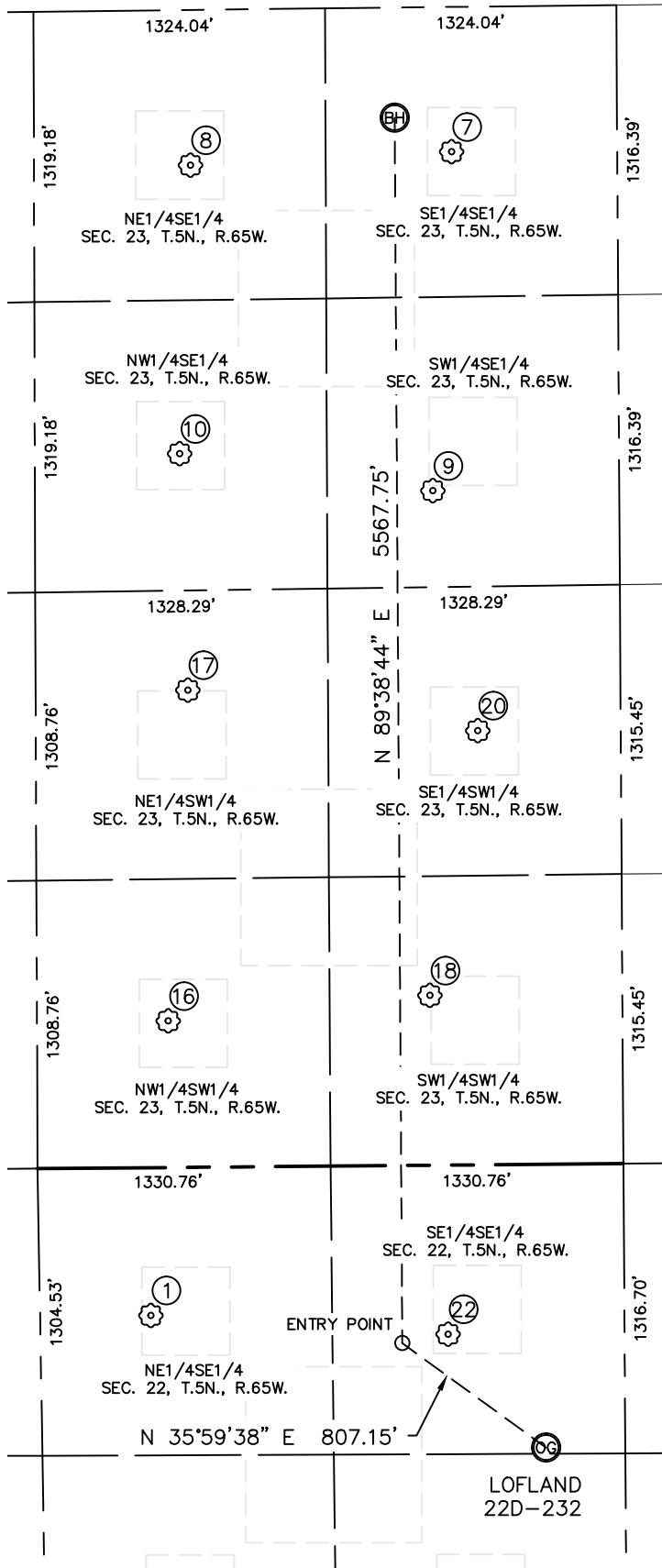


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# SITE SKETCH

LOFLAND 22D-232

SECTION: 22  
TOWNSHIP: 5N  
RANGE: 65W



①

ALLES 9-22  
NE1/4SE1/4  
2152' FSL  
672' FEL  
LAT-40.38341°N  
LONG-104.64231°W  
PDOP: 1.5  
ELEV: 4646'

⑦

BROWN 1-23  
SE1/4SE1/4  
753' FSL  
658' FEL  
LAT-40.37952°N  
LONG-104.62339°W  
PDOP: 1.7  
ELEV: 4642'

⑧

ESTHER 1-23  
NE1/4SE1/4  
1940' FSL  
705' FEL  
LAT-40.38278°N  
LONG-104.62356°W  
PDOP: 1.7  
ELEV: 4641'

⑨

BROWN 23-43  
SW1/4SE1/4  
847' FSL  
2197' FEL  
LAT-40.37980°N  
LONG-104.62891°W  
PDOP: 1.8  
ELEV: 4644'

⑩

LILLIE 1-23  
NW1/4SE1/4  
1996' FSL  
2016' FEL  
LAT-40.38295°N  
LONG-104.62827°W  
PDOP: 1.9  
ELEV: 4643'

⑩

BUDEBUS 12-23  
NW1/4SW1/4  
2064' FSL  
665' FWL  
LAT-40.38316°N  
LONG-104.63751°W  
PDOP: 2.3  
ELEV: 4645'

⑩

BADLEY 23-31  
NE1/4SW1/4  
1966' FSL  
2168' FWL  
LAT-40.38288°N  
LONG-104.63212°W  
PDOP: 1.8  
ELEV: 4643'

⑩

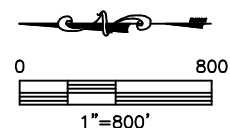
BUDEBUS 13-23  
SW1/4SW1/4  
875' FSL  
771' FWL  
LAT-40.37989°N  
LONG-104.63714°W  
PDOP: 1.7  
ELEV: 4646'

⑩

MARIE 1-23  
SE1/4SW1/4  
650' FSL  
1972' FWL  
LAT-40.37927°N  
LONG-104.63283°W  
PDOP: 1.9  
ELEV: 4645'

⑩

LOFLAND 44-22  
SE1/4SE1/4  
802' FSL  
769' FEL  
LAT-40.37971°N  
LONG-104.64266°W  
PDOP: 2.1  
ELEV: 4648'



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PROJECT#: 2013036