



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

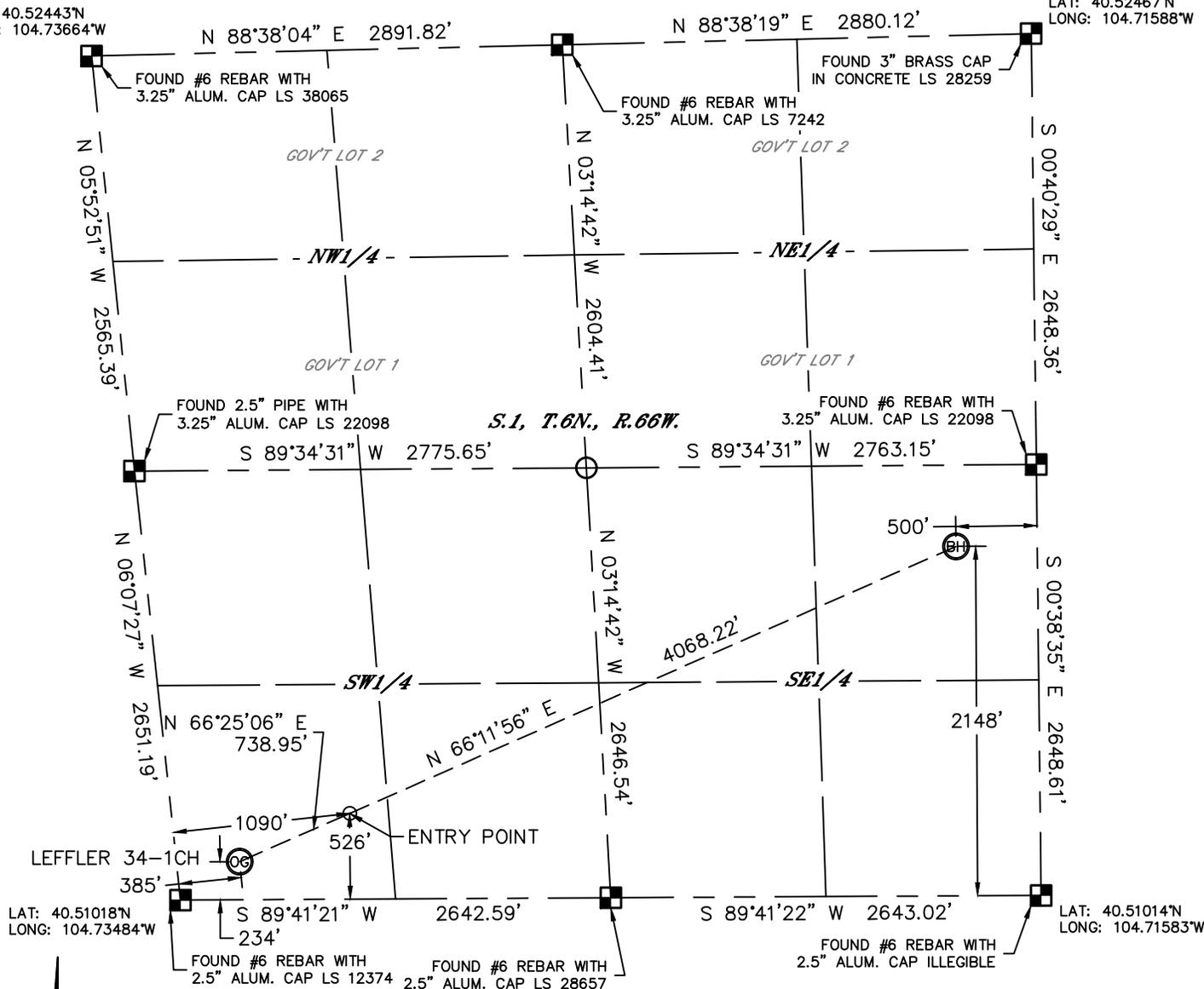
WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 1
TOWNSHIP: 6N
RANGE: 66W

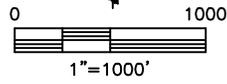
LAT: 40.52443°N
LONG: 104.73664°W

LAT: 40.52467°N
LONG: 104.71588°W



LAT: 40.51018°N
LONG: 104.73484°W

LAT: 40.51014°N
LONG: 104.71583°W

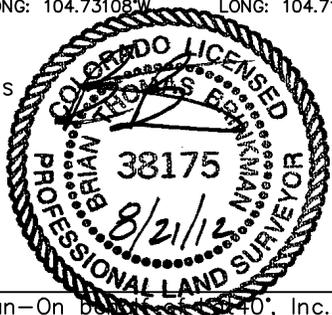


In accordance with a request from STEVE TRACY with PDC ENERGY Lat40°, Inc. has determined the surface location of the LEFFLER 34-1CH to be 234' from the SOUTH line and 385' from the WEST line and the bottom hole to be 2148' from the SOUTH line and 500' from the EAST line as measured at right angles from the section lines of Section 1, Township 6 North, Range 66 West of the Sixth Principal Meridian, County of Weld, State of Colorado.

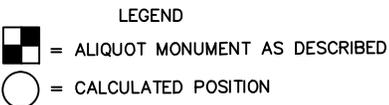
I hereby state that this Well Location Certificate was prepared by me, or under my direct supervision, that the fieldwork was completed on 7/18/2012, for and on behalf of PDC ENERGY. That this is not a Land Survey Plat or an Improvement Survey Plat, and that it is not to be relied upon for establishment 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: EXISTING DRILL PAD
 - 5) INSTRUMENT OPERATOR: ADAM KELLY

SURFACE LOCATION	ENTRY POINT	BOTTOM HOLE
LAT: 40.51082°N	LAT: 40.51162°N	LAT: 40.51603°N
LONG: 104.73353°W	LONG: 104.73108°W	LONG: 104.71765°W
PDOP: 2.9		
ELEV: 4815'		
1/4,1/4: SW1/4SW1/4		
NEAREST PROPERTY LINE: 234' S		



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.)



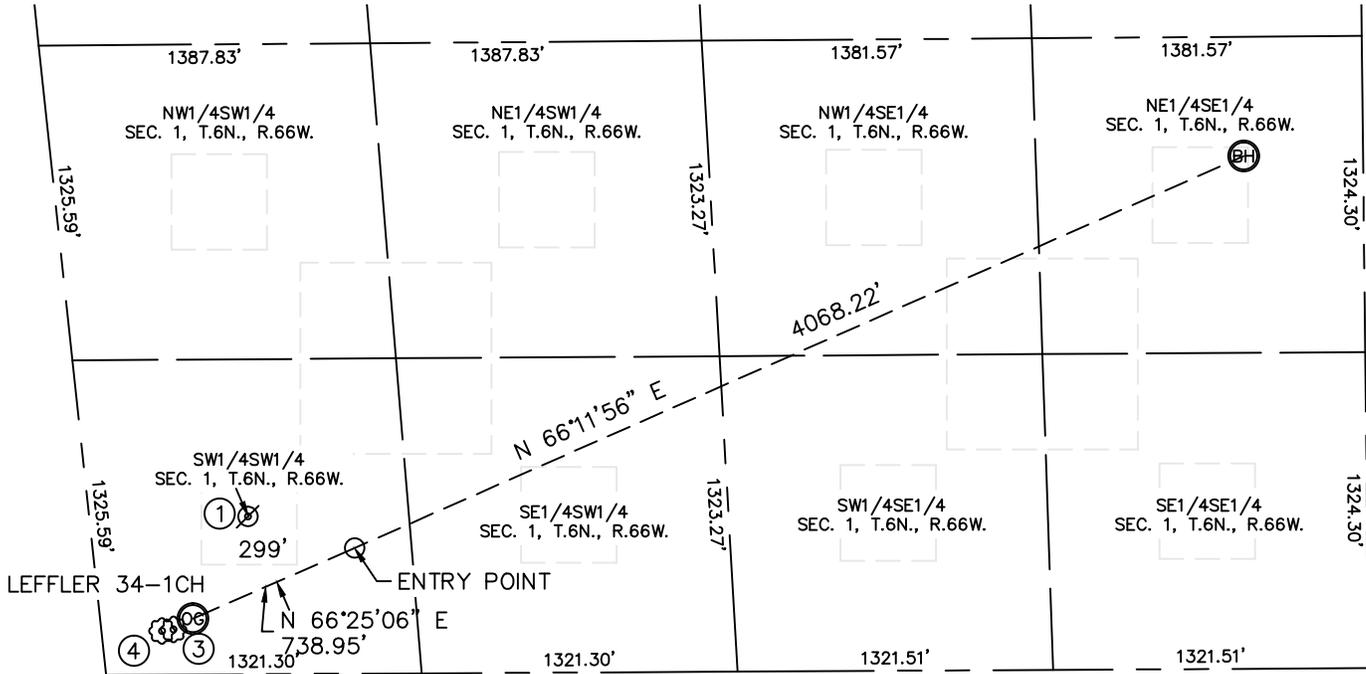
Brian T. Brinkman—On behalf of Lat40°, Inc.
Colorado Licensed Professional Land Surveyor No. 38175
DATE: rev.8/21/2012
PROJECT#: 2011150



SITE SKETCH

LEFFLER 34-1CH

SECTION: 1
TOWNSHIP: 6N
RANGE: 66W



①

NIX #14-1
(ABANDONED LOCATION)
SW1/4SW1/4
660' FSL
660' FWL
LAT-40.51195°N (COGCC)
LONG-104.73274°W (COGCC)
PDOP: N/A
ELEV: N/A

③

LEFFLER 24-1H
SW1/4SW1/4
189' FSL
300' FWL
LAT-40.51070°N
LONG-104.73382°W
PDOP: 5.2
ELEV: 4816'

④

LEFFLER 14-1H
SW1/4SW1/4
183' FSL
251' FWL
LAT-40.51068°N
LONG-104.73399°W
PDOP: 1.5
ELEV: 4815'



0 800

1"=800'