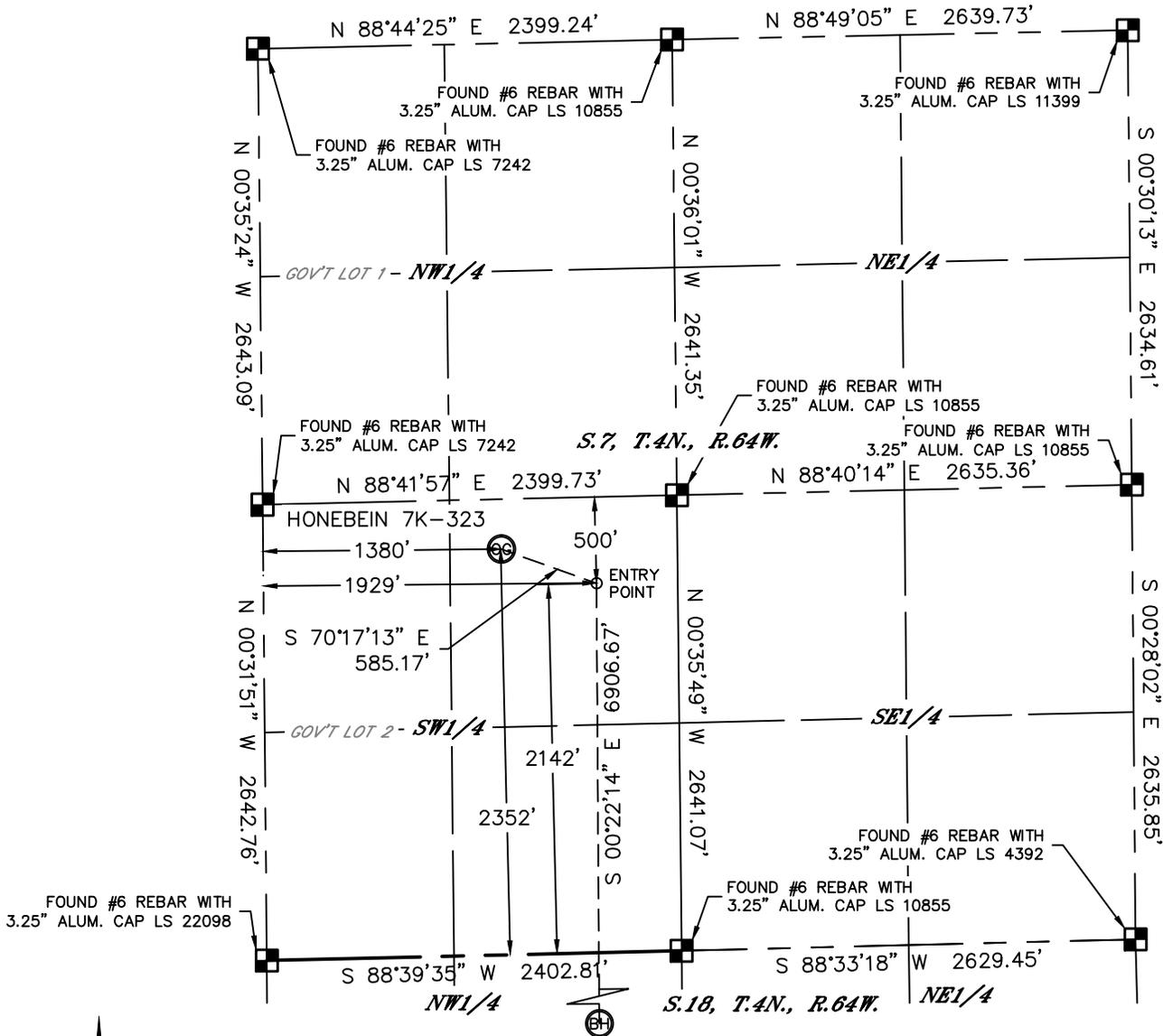




# WELL LOCATION CERTIFICATE

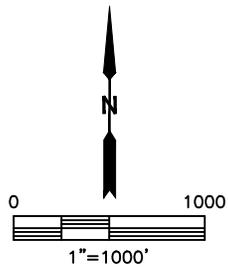
THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 7  
TOWNSHIP: 4N  
RANGE: 64W



In accordance with a request from Mac Neumann with PDC ENERGY Lat40°, Inc. has determined the surface location of the HONEBEIN 7K-323 to be 2352' from the SOUTH line and 1380' from the WEST line as measured at right angles from the section lines of Section 7, Township 4 North, Range 64 West and the bottom hole to be 500' from the SOUTH line and 1929' from the WEST line as measured at right angles from the section lines of Section 18, Township 4 North, Range 64 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 7/3/2014, 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. 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 500' of disturbed area.
  - 4) SURFACE USE: PASTURE
  - 5) INSTRUMENT OPERATOR: BRIAN ROTTINGHAUS
  - 6) NEAREST CULTURAL ITEMS:  
BUILDING: ±729' SE  
BUILDING UNIT: ±729' SE  
HIGH OCCUPANCY BUILDING UNIT: 5280'+  
DESIGNATED OUTSIDE ACTIVITY AREA: 5280'+  
PUBLIC ROAD: (CR 49) 1360' W  
ABOVEGROUND UTILITY: ±906' N  
RAILROAD: 5280'+  
PROPERTY LINE: 290' N

**SURFACE LOCATION**  
LAT: 40.32593N  
LONG: 104.59709W  
PDOP: 1.3  
ELEV: 4851'  
1/4,1/4: NESW

**BOTTOM HOLE**  
LAT: 40.30642N  
LONG: 104.59522W

**ENTRY POINT**  
LAT: 40.32538N  
LONG: 104.59513W

- LEGEND
- = ALIQUOT MONUMENT AS DESCRIBED
  - = CALCULATED POSITION

**SHEET 1 OF 2**

Kyle E. Rutz—On behalf of Lat40°, Inc.  
Colorado Licensed Professional  
Land Surveyor No. 38307

DATE: 7/17/2015  
PROJECT#: 2014120

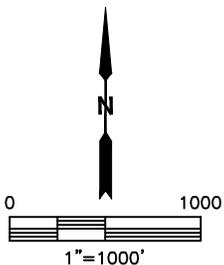
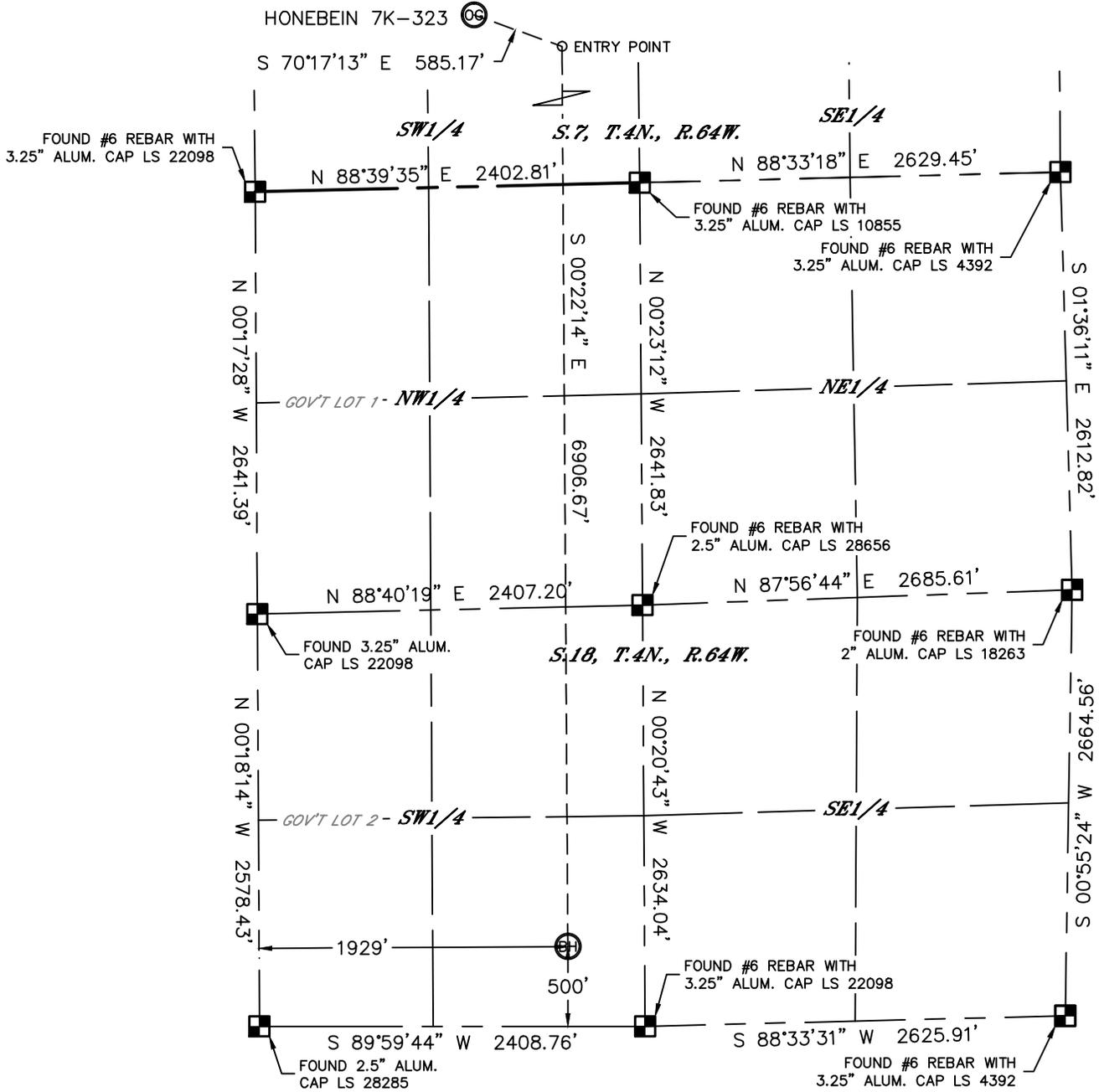




# WELL LOCATION CERTIFICATE

SECTION: 7  
TOWNSHIP: 4N  
RANGE: 64W

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY



### LEGEND

- = ALIQUOT MONUMENT AS DESCRIBED
- = CALCULATED POSITION



### SHEET 2 OF 2

Kyle E. Rutz—On behalf of Lat40°, Inc.  
Colorado Licensed Professional  
Land Surveyor No. 38307

DATE: 7/17/2015  
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