

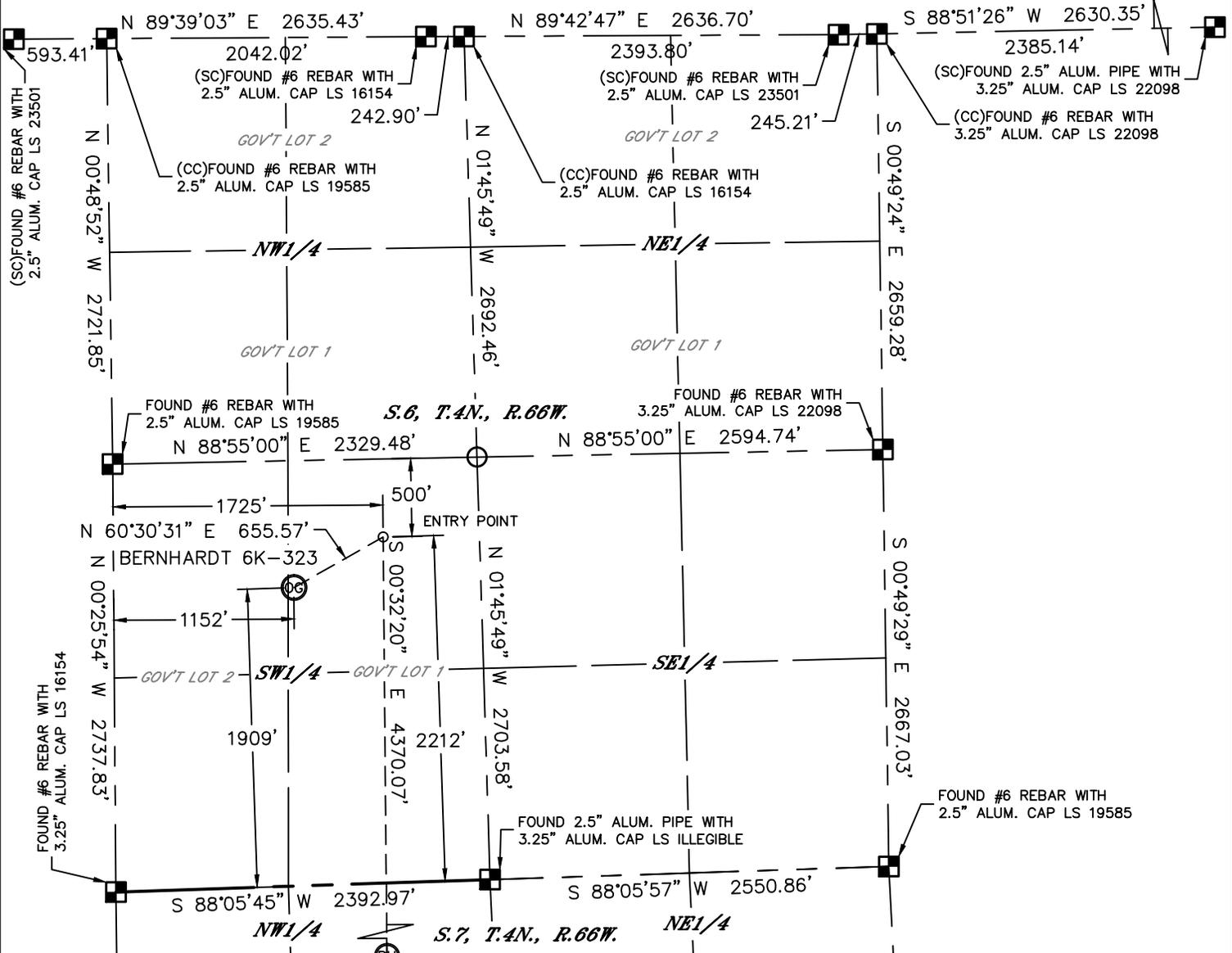


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

# WELL LOCATION CERTIFICATE

SECTION: 6  
TOWNSHIP: 4N  
RANGE: 66W

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY



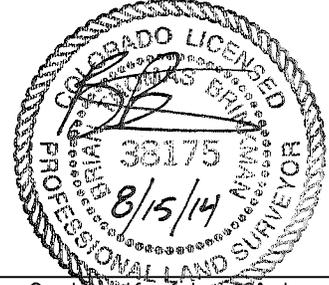
In accordance with a request from Mac Neumann with PDC ENERGY Lat40°, Inc. has determined the surface location of the BERNHARDT 6K-323 to be 1909' from the SOUTH line and 1152' from the WEST line as measured at right angles from the section lines of Section 6, Township 4 North, Range 66 West and the bottom hole to be 2156' from the NORTH line and 1725' from the WEST line as measured at right angles from the section lines of Section 7, Township 4 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 8/8/2014, 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.

**SURFACE LOCATION**  
LAT: 40.33914°N  
LONG: 104.82565°W  
PDOP: 1.7  
ELEV: 4713'  
1/4,1/4: NESW

**BOTTOM HOLE**  
LAT: 40.32802°N  
LONG: 104.82357°W

**ENTRY POINT**  
LAT: 40.34002°N  
LONG: 104.82360°W



**SHEET 1 OF 2**

Brian T. Brinkman—On behalf of Lat40°, Inc.  
Colorado Licensed Professional Land Surveyor No. 38175  
DATE: 8/15/2014  
PROJECT#: 2013177

- 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: CROP LAND
  - 5) INSTRUMENT OPERATOR: BRIAN ROTTINGHAUS
  - 6) NEAREST CULTURAL ITEMS:  
BUILDING: ±1482' SE  
BUILDING UNIT: ±1690' SE  
HIGH OCCUPANCY BUILDING UNIT: ±4034' SW  
DESIGNATED OUTSIDE ACTIVITY AREA: 5280'+  
PUBLIC ROAD: (CR 25) ±841' NW  
ABOVEGROUND UTILITY: ±201' NW  
RAILROAD: ±210' NW (ABANDONED)  
PROPERTY LINE: ±812' N

### LEGEND

- = ALIQUOT MONUMENT AS DESCRIBED
- = CALCULATED POSITION

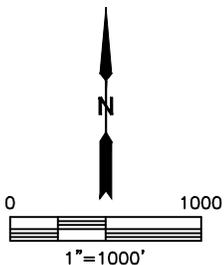
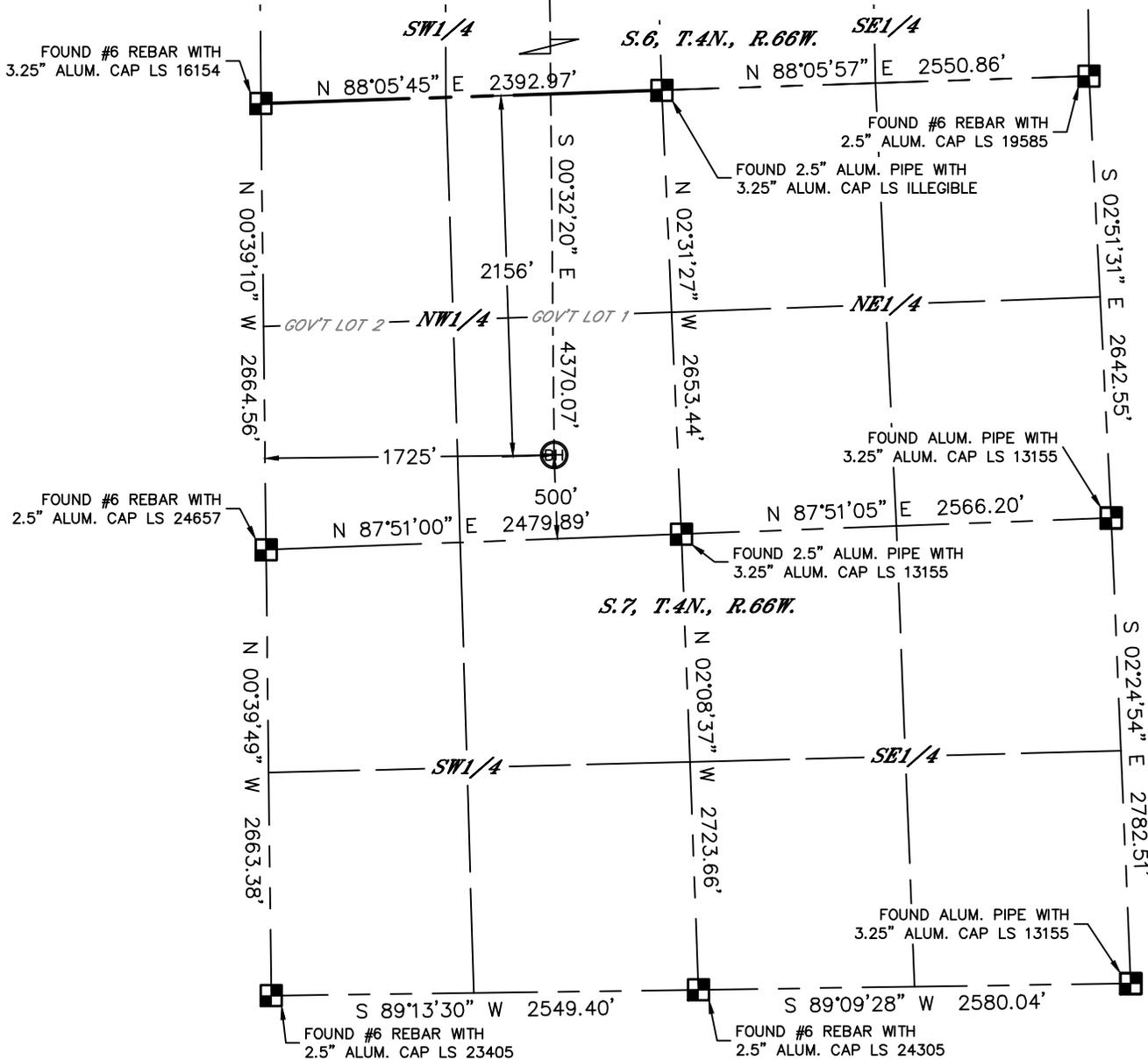


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N 60°30'31" E 655.57' ENTRY POINT  
BERNHARDT 6K-323

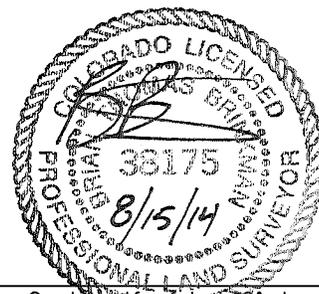


### LEGEND

- = 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: 8/15/2014  
 PROJECT#: 2013177

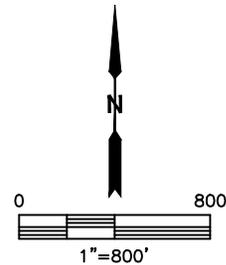
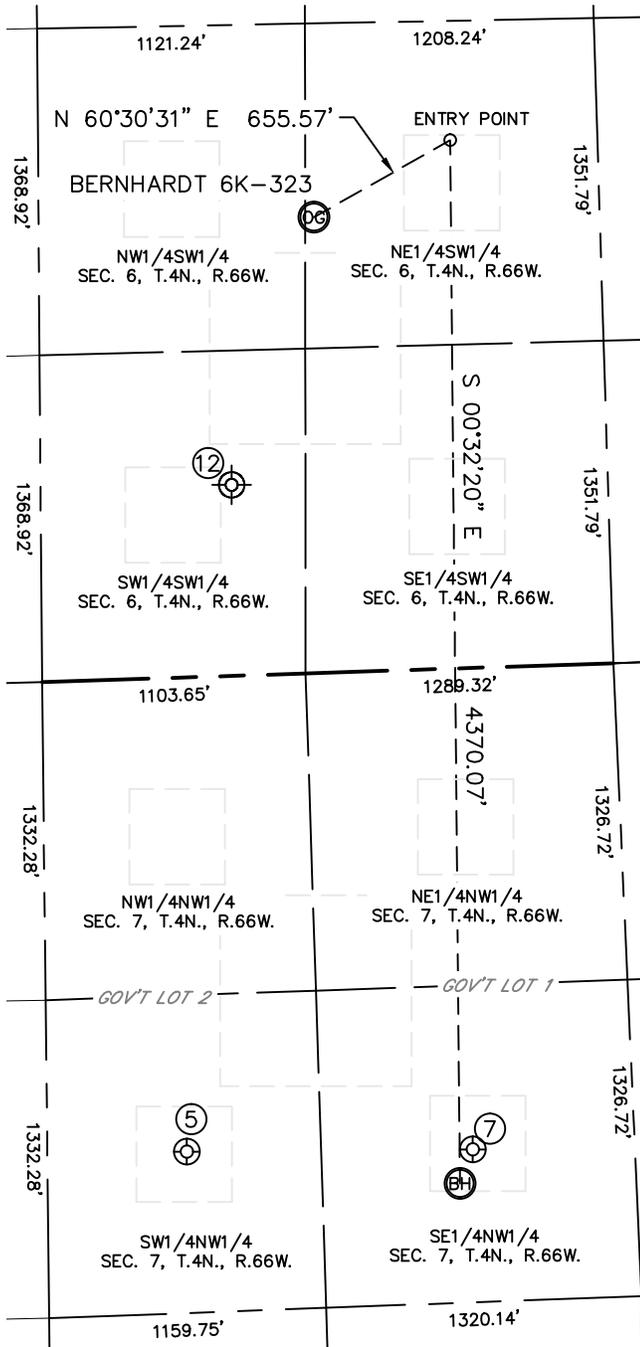




# SITE SKETCH

## BERNHARDT 6K-323

SECTION: 6  
TOWNSHIP: 4N  
RANGE: 66W



WELL NO.	WELL NAME	SHL FOOTAGE			SHL LAT°	SHL LONG°	PDOP	ELEV (FT.)	1/4/1/4	
5	BERNHARDT 7-1	1986	FNL	583	FWL	40.32841	-104.82767	2.1	4731	SWNW
7	BERNHARDT 7-2	2017	FNL	1780	FWL	40.32841	-104.82337	2.3	4729	SENW
12	BERNHARDT #13-6	800	FSL	800	FWL	40.33603	-104.82670	N/A	4713	SWSW

NOTE: THE ABANDONED WELL DATA SHOWN IN RED ABOVE WAS OBTAINED FROM COGCC SCOUT CARDS.