

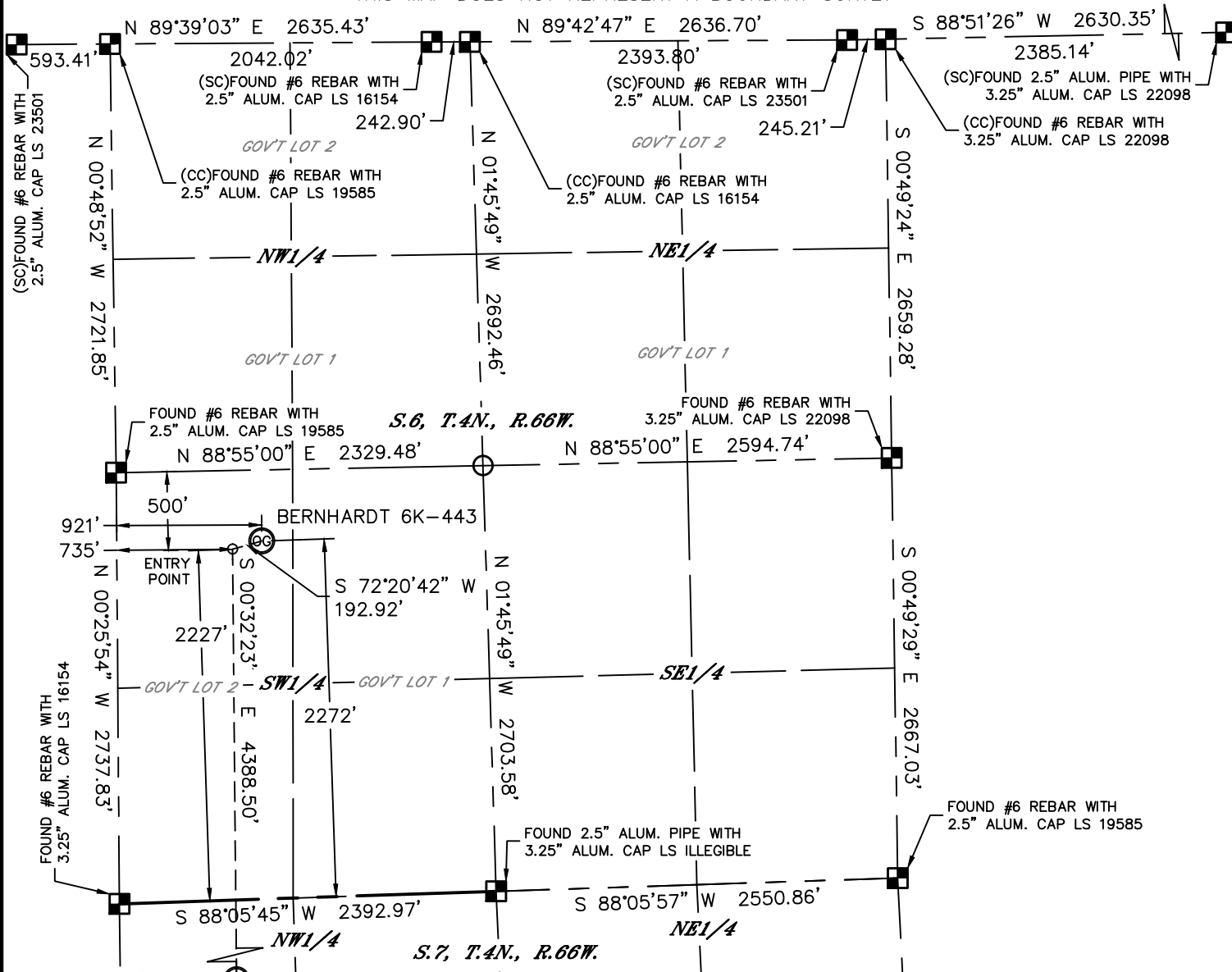


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

# WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 6  
TOWNSHIP: 4N  
RANGE: 66W



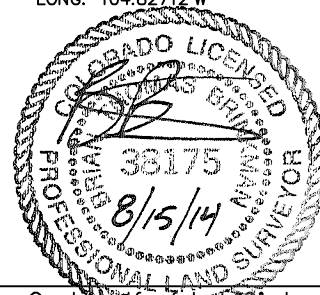
In accordance with a request from Mac Neumann with PDC ENERGY Lat40°, Inc. has determined the surface location of the BERNHARDT 6K-443 to be 2272' from the SOUTH line and 921' from the WEST line as measured at right angles from the section lines of Section 6, Township 4 North, Range 66 West and the bottom hole to be 2161' from the NORTH line and 735' 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: 40.34012°N  
LONG: 104.82648°W  
PDOP: 1.7  
ELEV: 4722'  
1/4, 1/4: NWSW

**BOTTOM HOLE**  
LAT: 40.32794°N  
LONG: 104.82712°W

**ENTRY POINT**  
LAT: 40.33998°N  
LONG: 104.82715°W



## NOTE:

- 1) Bearings shown are Grid Bearings of the Colorado State Plane Coordinate System, North Zone, North American Datum 1983. The lined 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: ±1837' NW  
BUILDING UNIT: ±1891' NW  
HIGH OCCUPANCY BUILDING UNIT: ±4234' SW  
DESIGNATED OUTSIDE ACTIVITY AREA: 5280'+  
PUBLIC ROAD: (CR 25) ±461' NW  
ABOVEGROUND UTILITY: ±200' SE  
RAILROAD: ±185' SE (ABANDONED)  
PROPERTY LINE: ±451' N

## 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: 8/14/2014  
PROJECT#: 2013177

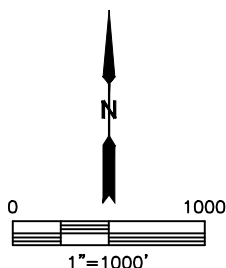
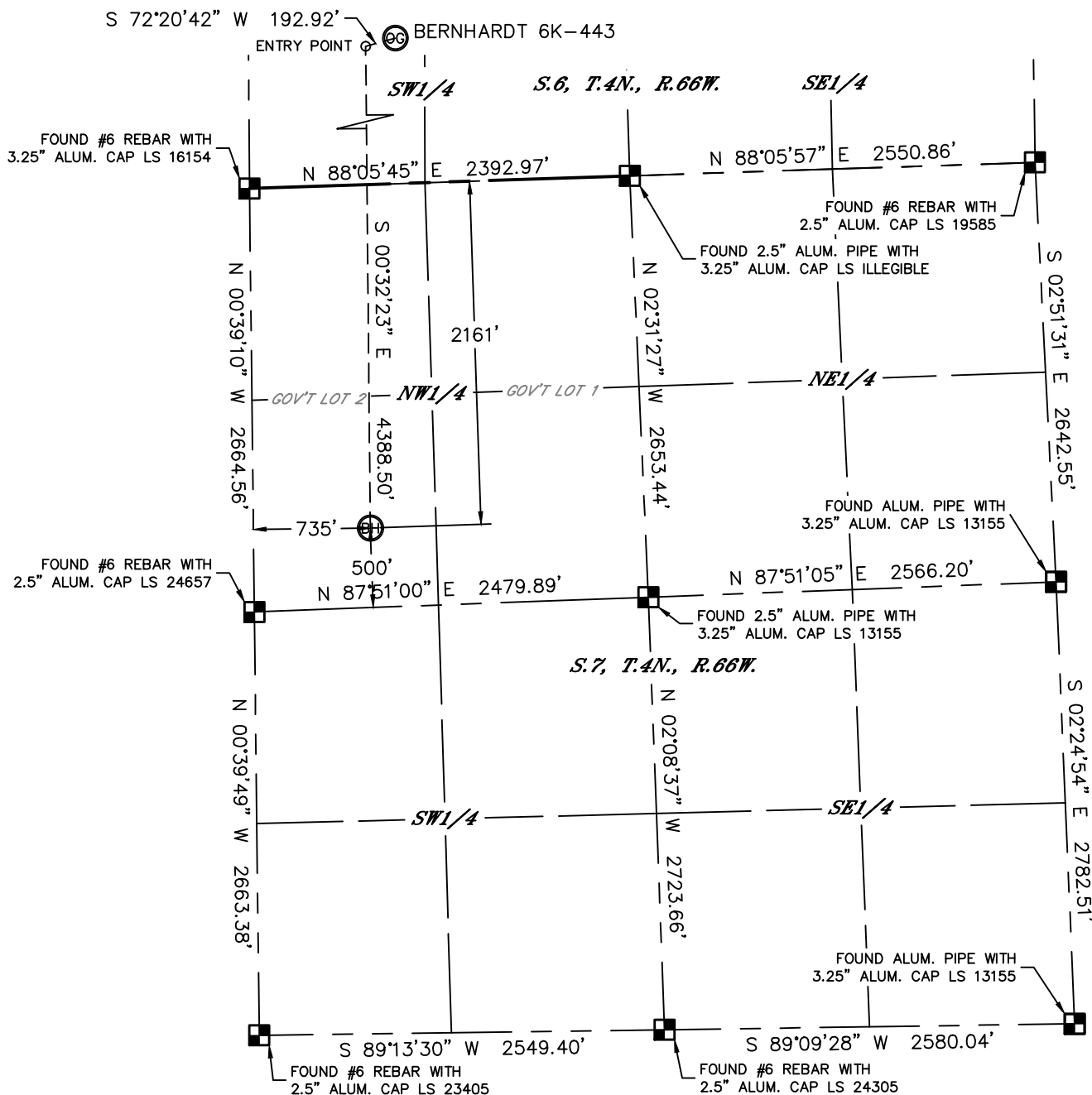


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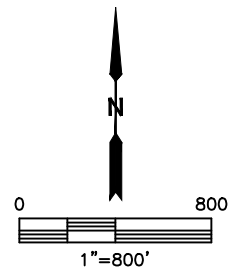
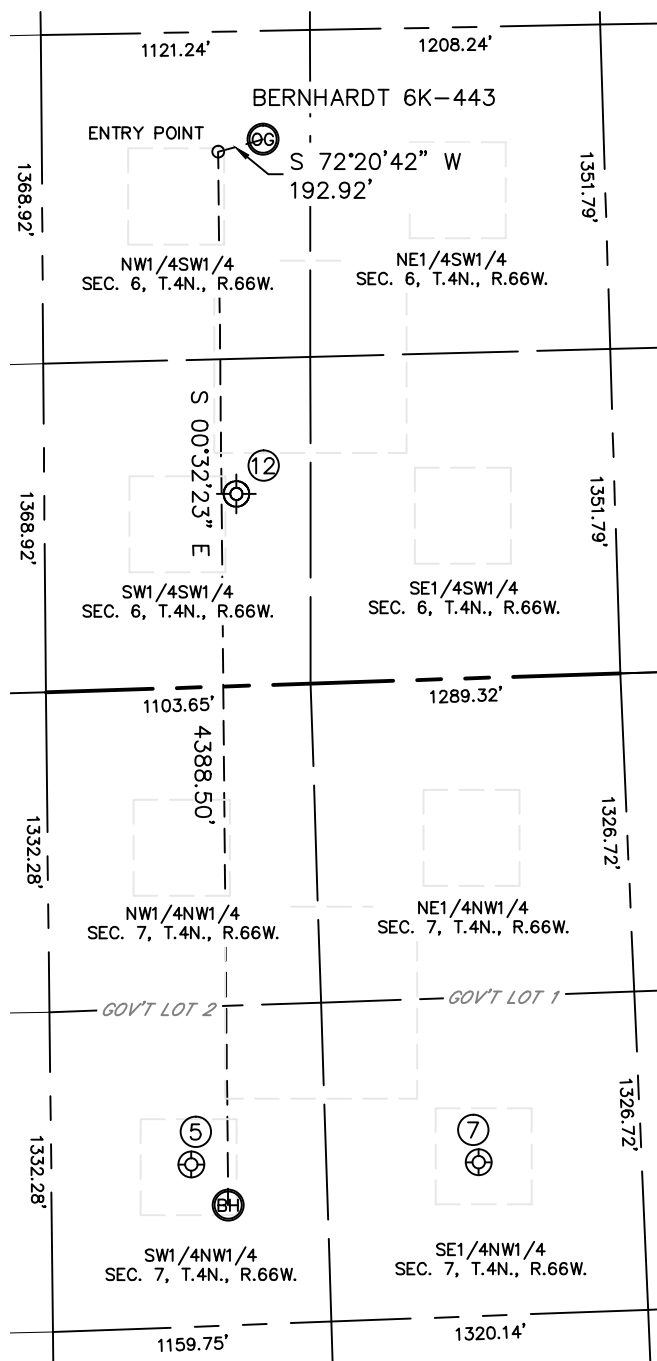


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# SITE SKETCH

BERNHARDT 6K-443

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.

DATE: 8/14/2014  
PROJECT#: 2013177