

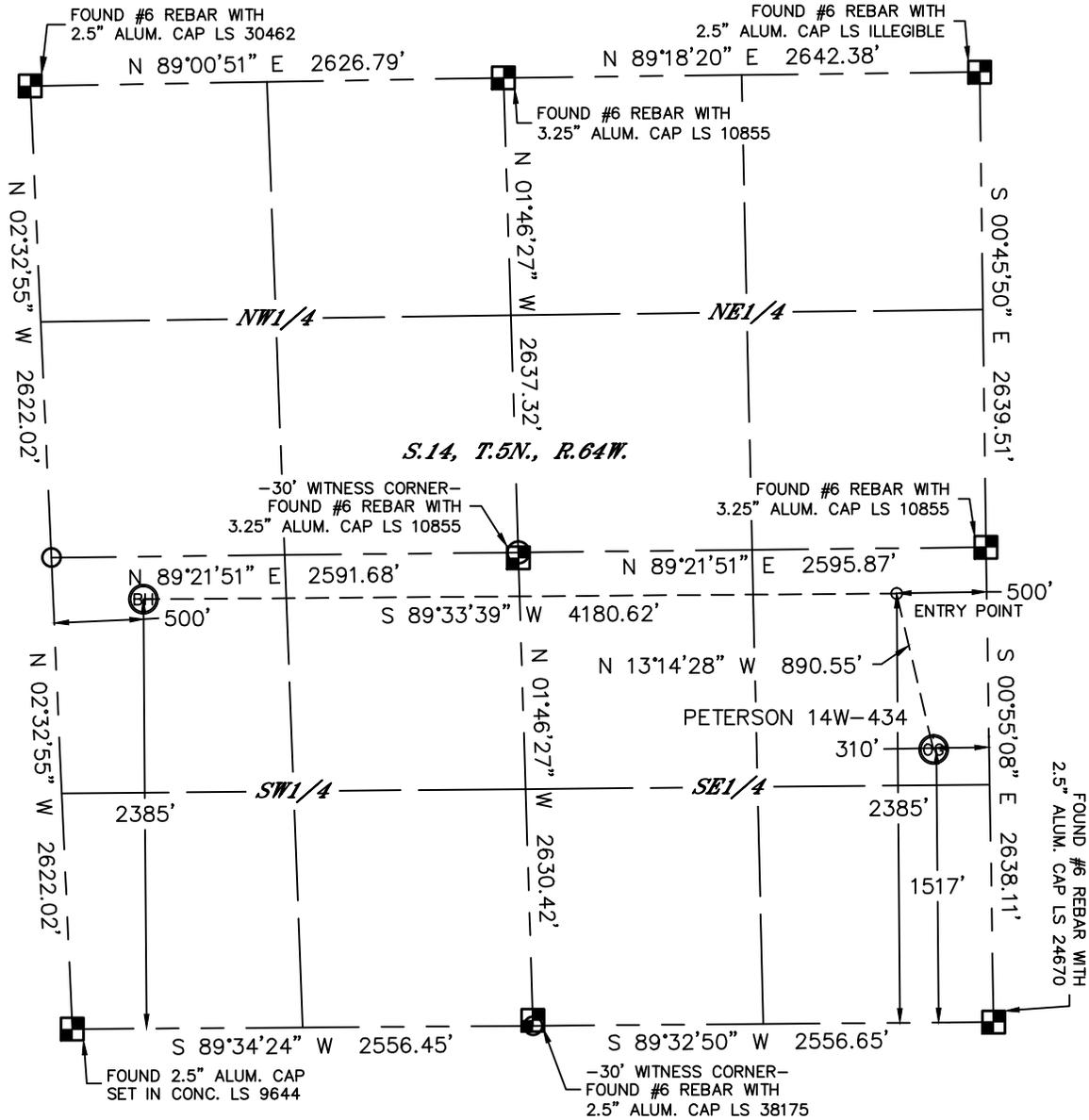


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

# WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 14  
TOWNSHIP: 5N  
RANGE: 64W



In accordance with a request from Al Bragg with PDC ENERGY Lat40°, Inc. has determined the surface location of the PETERSON 14W-434 to be 1517' from the SOUTH line and 310' from the EAST line and the bottom hole to be 2385' from the SOUTH line and 500' from the WEST line as measured at right angles from the section lines of Section 14, Township 5 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 1/30/2014, 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 1983/2007. 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 500' of disturbed area.
- 4) SURFACE USE: CROP LAND
- 5) INSTRUMENT OPERATOR: BRIAN ROTTINGHAUS
- 6) NEAREST CULTURAL ITEMS:  
BUILDING 583' NE  
BUILDING UNIT 945' NE  
HIGH OCCUPANCY BUILDING UNIT +5280'  
DESIGNATED OUTSIDE ACTIVITY AREA +5280'  
PUBLIC ROAD 1108' N (CR 388)  
ABOVE GROUND UTILITY 812' NE  
RAILROAD +5280'  
PROPERTY LINE 310' E

**SURFACE LOCATION**

LAT: 40.39619°N  
LONG: 104.50921°W  
PDOP: 1.8  
ELEV: 4571'  
1/4,1/4: NE1/4SE1/4

**ENTRY POINT**

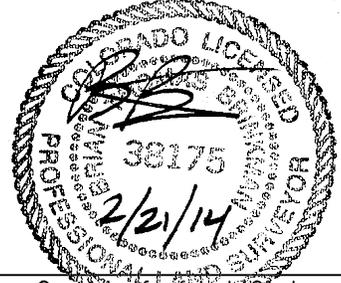
LAT: 40.39857°N  
LONG: 104.50990°W

**BOTTOM HOLE**

LAT: 40.39861°N  
LONG: 104.52491°W

**LEGEND**

- = ALIQUOT MONUMENT AS DESCRIBED
- = CALCULATED POSITION



Brian T. Brinkman—On behalf of Lat40°, Inc.  
Colorado Licensed Professional  
Land Surveyor No. 38175  
DATE: 2/21/2014  
PROJECT#: 2013127

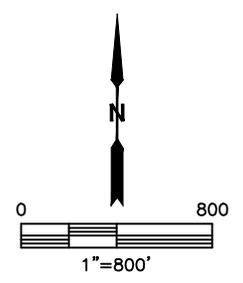
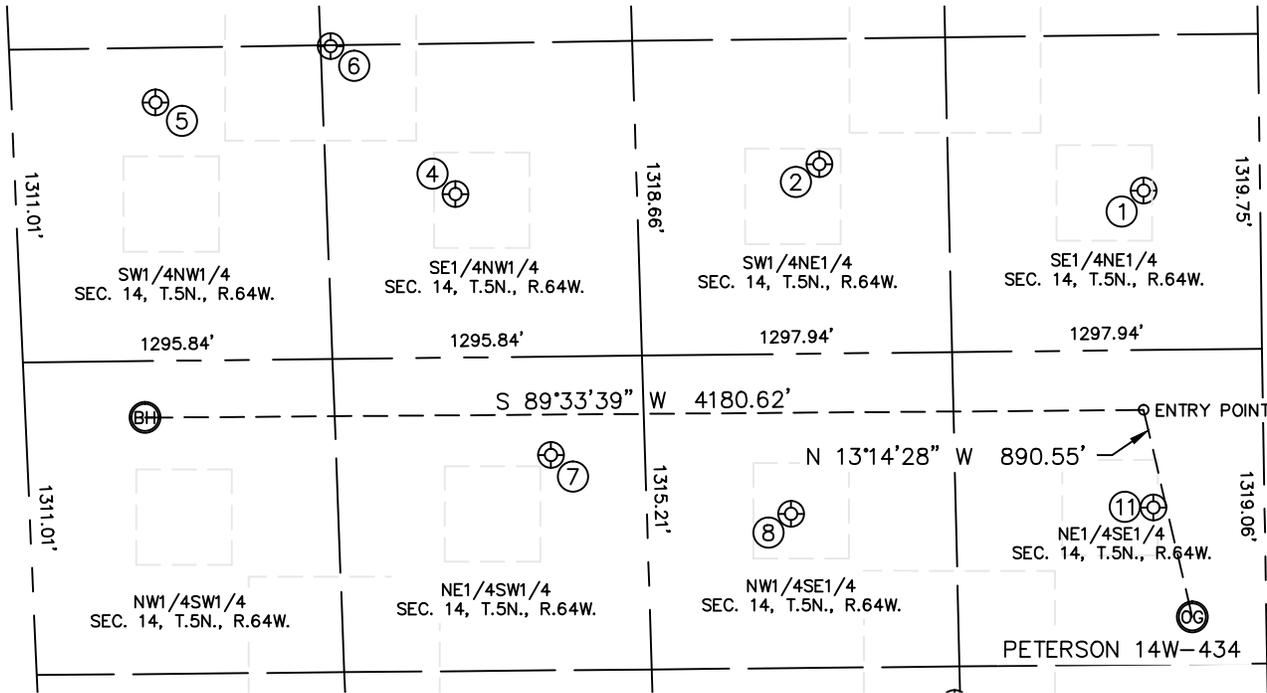


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# SITE SKETCH

PETERSON 14W-434

SECTION: 14  
TOWNSHIP: 5N  
RANGE: 64W



WELL NO.	WELL NAME	SHL FOOTAGE			SHL LAT°	SHL LONG°	PDOP	ELEV (FT.)	1/4/1/4	
1	HOLMAN PM B 14-8	1972	FNL	488	FEL	40.40110	-104.50987	1.6	4589	SENE
2	HOLMAN 14-1	1844	FNL	1843	FEL	40.40144	-104.51474	1.5	4583	SWNE
4	TREBOR B 14-6	1948	FNL	1840	FWL	40.40114	-104.52021	2.5	4586	SENW
5	TREBOR B 14-5	1543	FNL	602	FWL	40.40223	-104.52470	2.6	4585	SWNW
6	TREBOR B 14-19	1319	FNL	1345	FWL	40.40286	-104.52206	2.8	4586	SENW
7	FOOS 23-14	2216	FSL	2190	FWL	40.39813	-104.51882	2.9	4582	NESW
8	FOOS 14-1	1961	FSL	1982	FEL	40.39742	-104.51522	3.0	4576	NWSE
11	PETERSON 14-2	1977	FSL	465	FEL	40.39745	-104.50977	2.7	4571	NESE

DATE: 2/21/2014  
PROJECT#: 2013127