

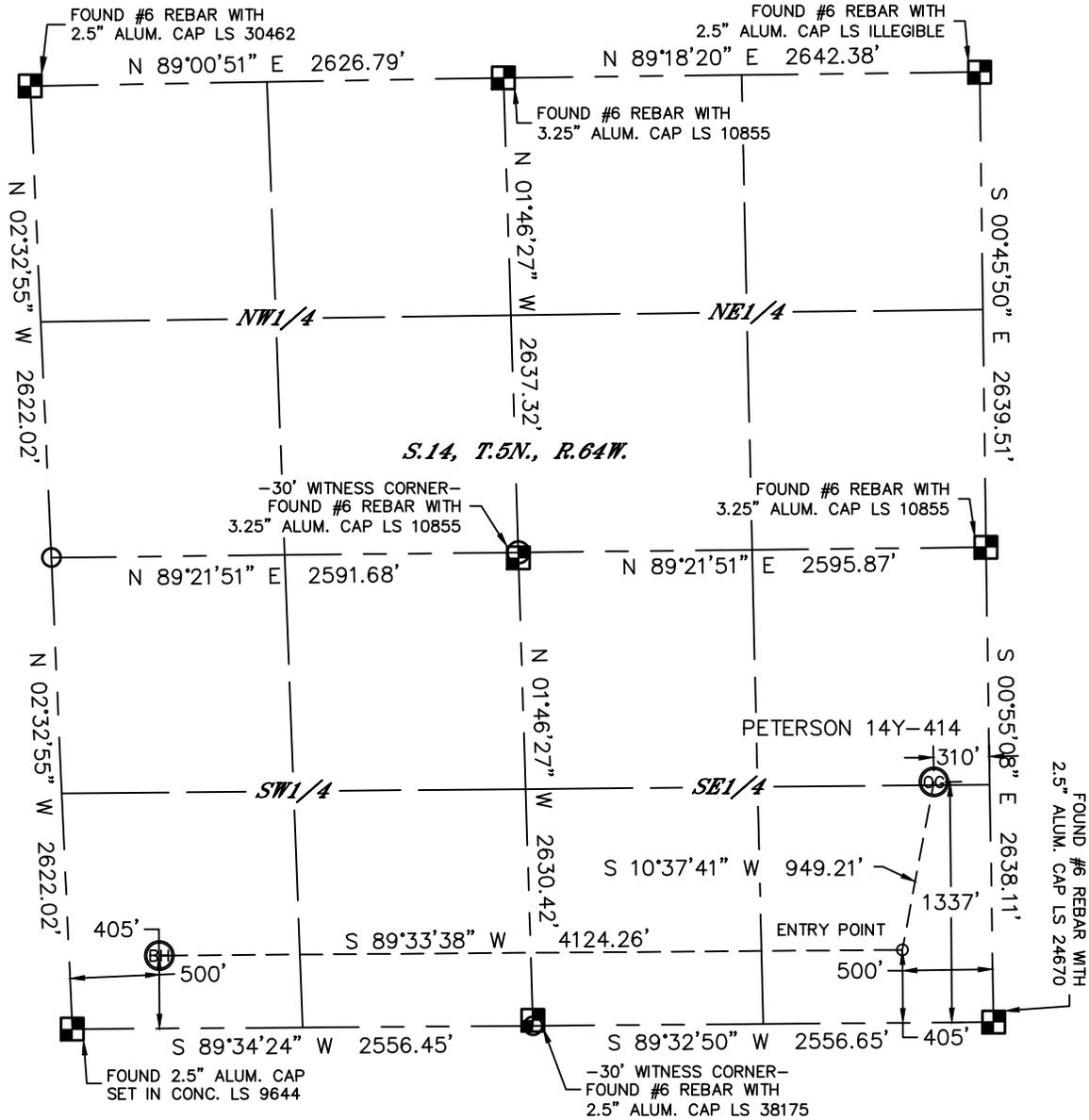


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

WELL LOCATION CERTIFICATE

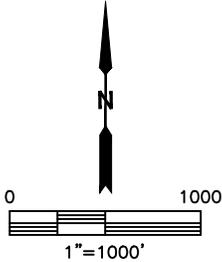
THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

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 14Y-414 to be 1337' from the SOUTH line and 310' from the EAST line and the bottom hole to be 405' 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 737' NE
BUILDING UNIT 1097' NE
HIGH OCCUPANCY BUILDING UNIT +5280'
DESIGNATED OUTSIDE ACTIVITY AREA +5280'
PUBLIC ROAD 1288' N (CR 388)
ABOVE GROUND UTILITY 965' NE
RAILROAD +5280'
PROPERTY LINE 310' E

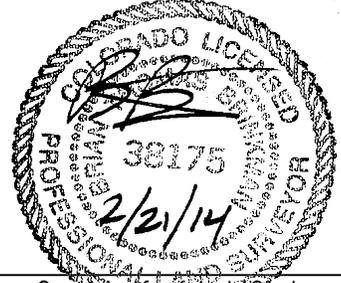
SURFACE LOCATION
LAT: 40.39570°N
LONG: 104.50920°W
PDOP: 1.9
ELEV: 4571'
1/4,1/4: NE1/4SE1/4

ENTRY POINT
LAT: 40.39314°N
LONG: 104.50987°W

BOTTOM HOLE
LAT: 40.39318°N
LONG: 104.52467°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

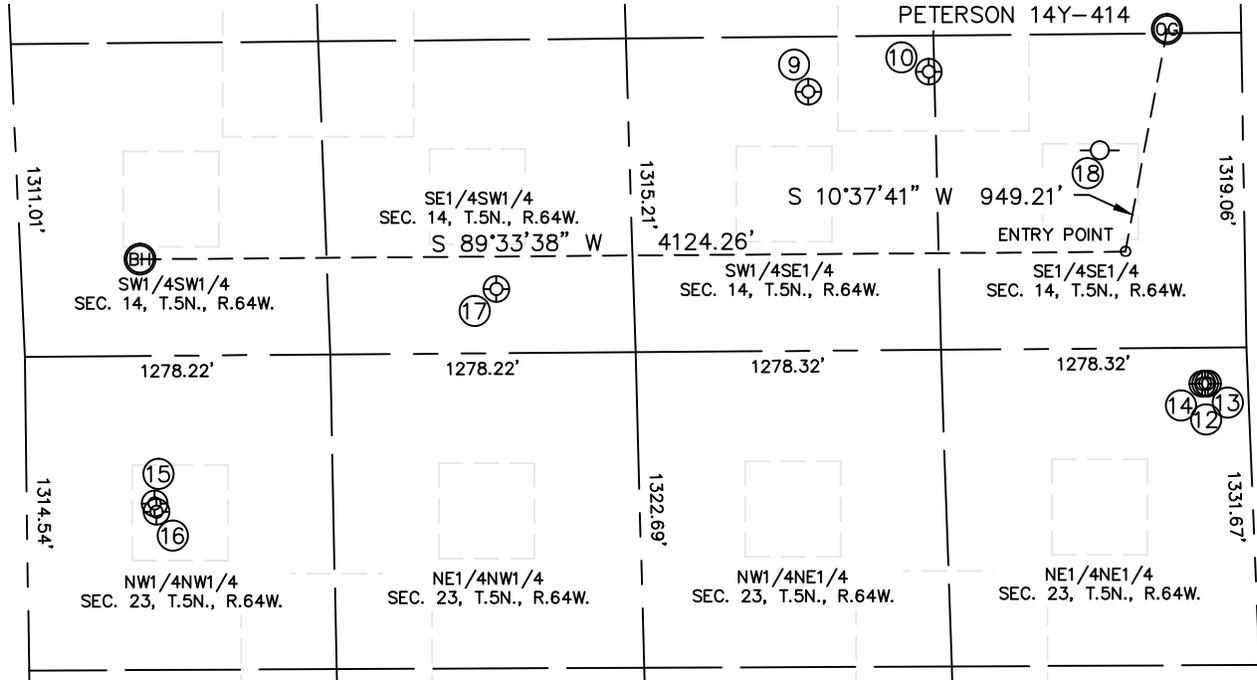


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SITE SKETCH

PETERSON 14Y-414

SECTION: 14
TOWNSHIP: 5N
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WELL NO.	WELL NAME	SHL FOOTAGE				SHL LAT°	SHL LONG°	PDOP	ELEV (FT.)	1/4/1/4
9	FOOS 14-2	1085	FSL	1816	FEL	40.39502	-104.51461	3.1	4572	SWSE
10	PETERSON 5	1166	FSL	1311	FEL	40.39524	-104.51279	3.0	4573	SWSE
12	FERGUSON B 23-8	150	FNL	179	FEL	40.39161	-104.50869	3.8	4565	NENE
13	FERGUSON B 24-30	150	FNL	167	FEL	40.39162	-104.50865	3.7	4565	NENE
14	FERGUSON B 23-2	151	FNL	191	FEL	40.39161	-104.50874	3.7	4566	NENE
15	FERGUSON 23-19	619	FNL	534	FWL	40.39037	-104.52450	2.4	4571	NWNW
16	UPRC 23-4A	654	FNL	542	FWL	40.39027	-104.52447	2.4	4571	NWNW
17	KIELIAN 14-1	269	FSL	1984	FWL	40.39279	-104.51933	2.4	4571	SESW
18	PETERSON 14-1	830	FSL	600	FEL	40.39417	-104.51000	N/A	4568	SESE

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

DATE: 2/21/2014
PROJECT#: 2013127