

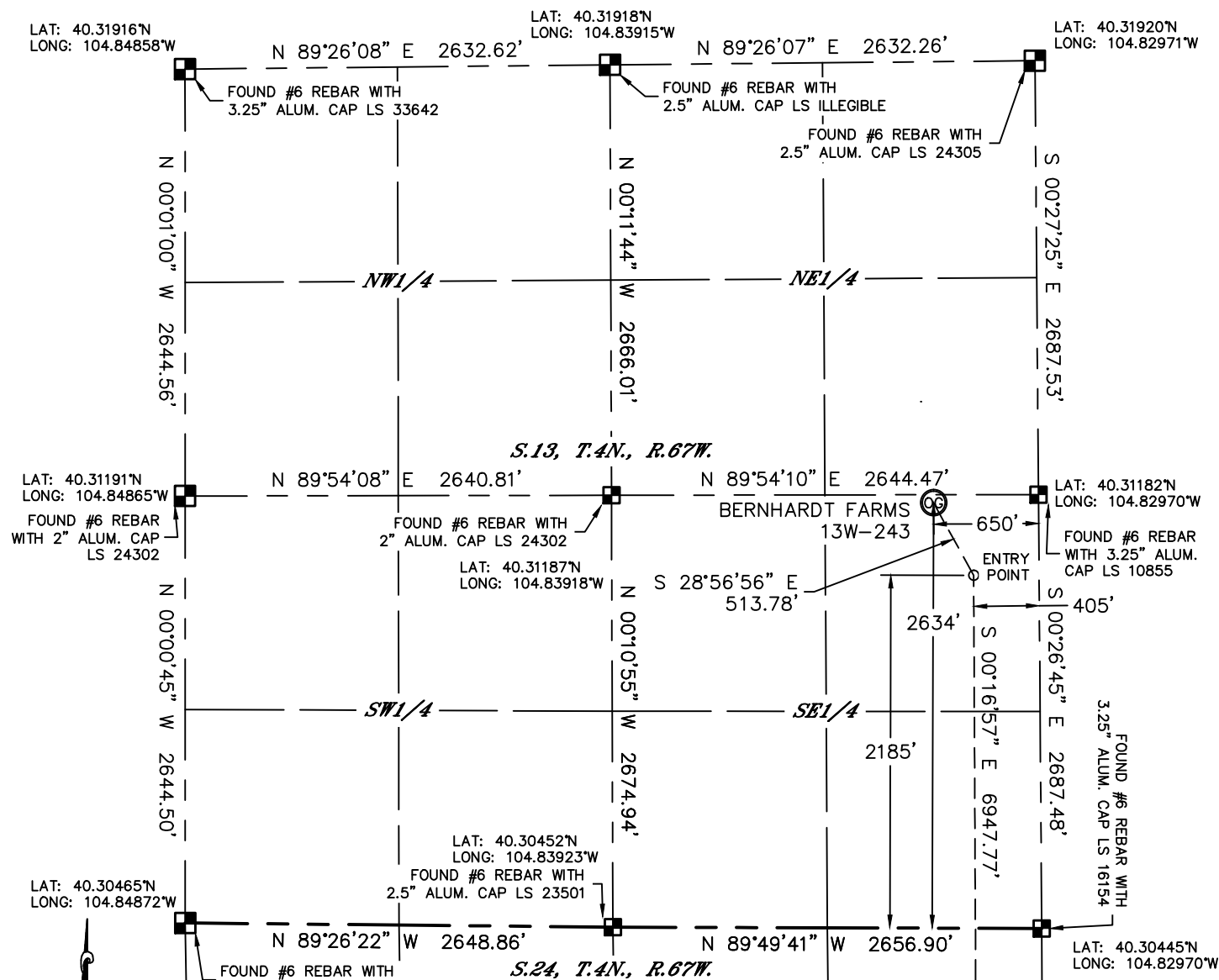


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 13
TOWNSHIP: 4N
RANGE: 67W



In accordance with a request from Mac Neumann with PDC ENERGY Lat40°, Inc. has determined the surface location of the BERNHARDT FARMS 13W-243 to be 2634' from the SOUTH line and 650' from the EAST line as measured at right angles from the section lines of Section 13, Township 4 North, Range 67 West of the Sixth Principal Meridian, and the bottom hole to be 500' from the SOUTH line and 405' from the EAST line as measured at right angles from the section lines of Section 24, Township 4 North, Range 67 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 8/8/2013, 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: 40.31170°N
LONG: 104.83204°W
PDOP: 1.9
ELEV: 4737'
1/4, 1/4: NE1/4SE1/4

BOTTOM HOLE
LAT: 40.29139°N
LONG: 104.83122°W

ENTRY POINT
LAT: 40.31046°N
LONG: 104.83116°W

NOTE:

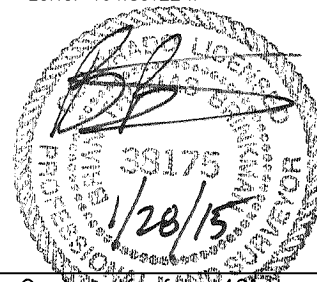
- 1) Bearings shown are Grid Bearings of the Colorado State Plane Coordinate System, North Zone, North American Datum 1983/2007. The lineal dimensions as contained herein are based upon the "U.S. Survey Foot."
- 2) Ground elevations are based on an observed GPS elevation (NAVD 1988 DATUM).
- 3) IMPROVEMENTS: 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: 1406' NE
BUILDING UNIT: 1406' NE
HIGH OCCUPANCY BUILDING UNIT: ±4326' NW
DESIGNATED OUTSIDE ACTIVITY AREA: ±4106' NW
PUBLIC ROAD: 2697' N
ABOVE-GROUND UTILITY: 552' E
RAILROAD: 253' NW
PROPERTY LINE: 425' E

LEGEND

- = ALIQUOT MONUMENT AS DESCRIBED
○ = CALCULATED POSITION

SHEET 1 OF 3

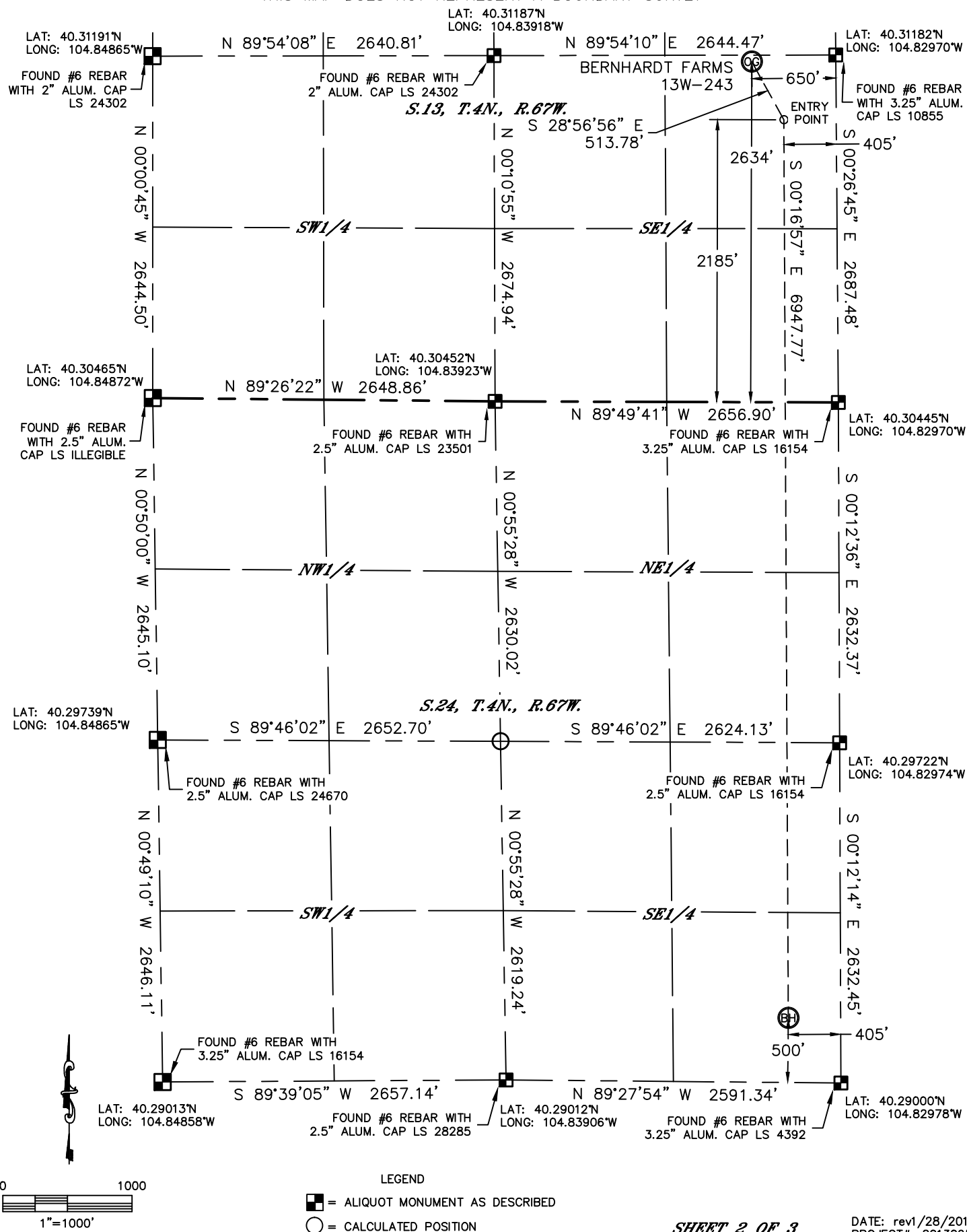
Brian T. Brinkman—On behalf of Lat40°, Inc.
Colorado Licensed Professional Land Surveyor No. 38175
DATE: rev1/28/2015
PROJECT#: 2013095



WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 13
TOWNSHIP: 4N
RANGE: 67W



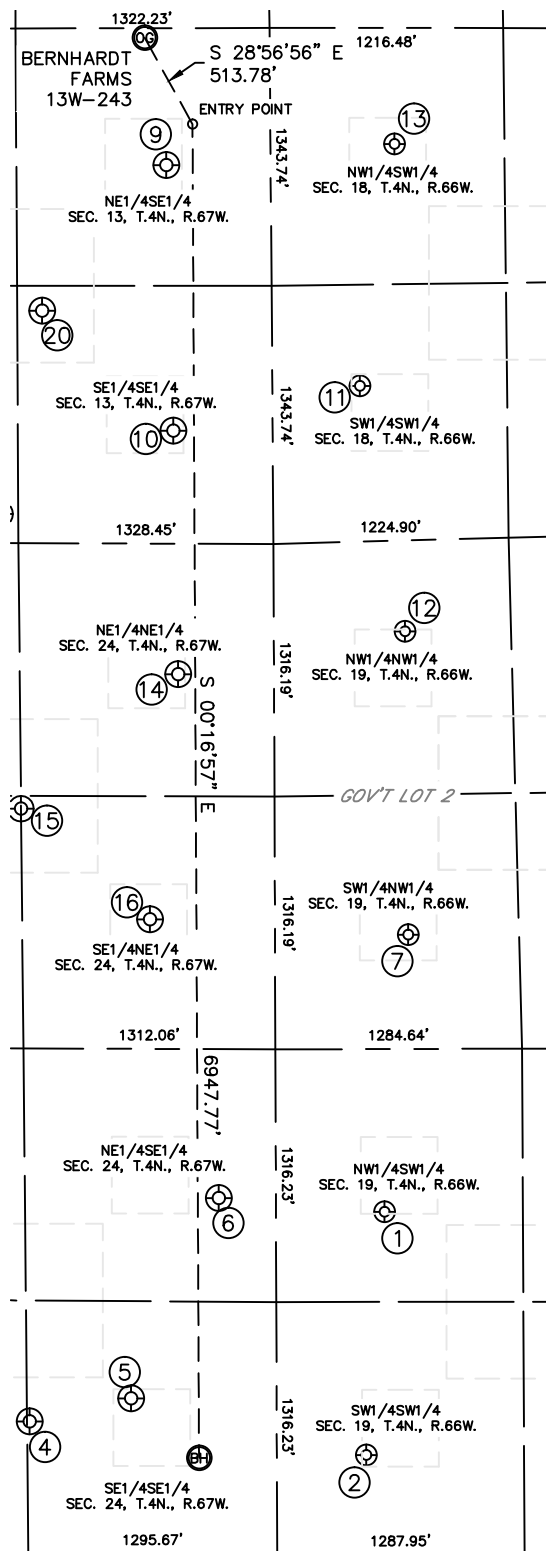


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

SITE SKETCH

BERNHARDT FARMS 13W-243

SECTION: 13
TOWNSHIP: 4N
RANGE: 67W



WELL NO.	WELL NAME	SHL FOOTAGE			SHL LAT°	SHL LONG°	PDOP	ELEV (FT.)	1/4,1/4
1	EATON 12-19	FWL	564	FWL	40.29489	-104.82773	2.4	4722	NWSW
2	GUTFELDER AMOCO 14-19	FSL	519	FSL	40.29141	-104.82810	2.5	4744	SWSW
4	JOHNSTON 5	FSL	683	FSL	40.29193	-104.83438	2.7	4725	SESE
5	JOHNSTON 44-24	FSL	808	FSL	40.29225	-104.83248	2.7	4724	SESE
6	JOHNSTON 43-24	FSL	1856	FSL	40.29511	-104.83082	2.3	4723	NESE
7	JOHNSTON 12-19	FNL	2053	FNL	40.29885	-104.82725	2.4	4721	SWNW
9	BOUGE 1	FSL	1971	FSL	40.30987	-104.83165	2.0	4715	NESE
10	MESHA 1	FSL	587	FSL	40.30607	-104.83156	1.9	4717	SESE
11	MONTGOMERY 1-27	FSL	811	FSL	40.30670	-104.82807	1.9	4717	SWSW
12	BERNHARDT AMOCO 11-19	FNL	473	FNL	40.30318	-104.82726	2.5	4718	NWNW
13	BERNHARDT 18-32	FSL	2065	FSL	40.31015	-104.82739	2.9	4714	NWSW
14	KRISTIN 1	FNL	680	FNL	40.30260	-104.83150	2.2	4719	NENE
15	BERNHARDT 24C	FNL	1383	FNL	40.30069	-104.83445	1.8	4721	SENE
16	SARAH 1	FNL	1958	FNL	40.29909	-104.83206	2.2	4721	SENE
20	BERNHARDT 13D	FSL	1210	FSL	40.30780	-104.83399	2.3	4716	SESE

