

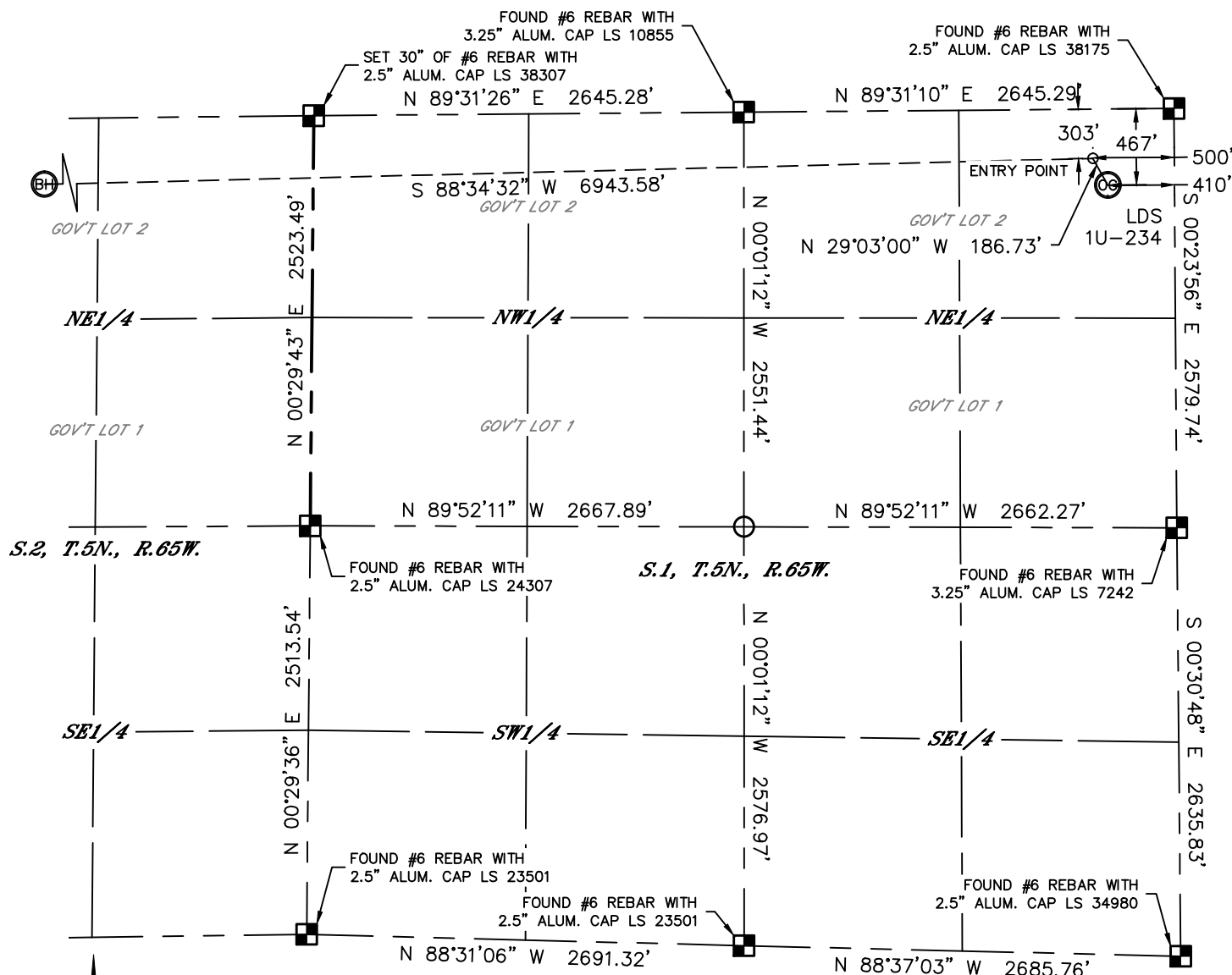


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 1
TOWNSHIP: 5N
RANGE: 65W



In accordance with a request from Jake Bragg with PDC ENERGY Lat40°, Inc. has determined the surface location of the LDS 1U-234 to be 467' from the NORTH line and 410' from the EAST line as measured at right angles from the section lines of Section 1, Township 5 North, Range 65 West and the bottom hole to be 413' from the NORTH line and 2145' from the EAST line as measured at right angles from the section lines of Section 2, Township 5 North, Range 65 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 8/1/2014, 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: 40.43383°N
LONG: 104.60320°W
PDOP: 2.5
ELEV: 4639'
1/4,1/4: NENE

BOTTOM HOLE

LAT: 40.43400°N
LONG: 104.62845°W

ENTRY POINT

LAT: 40.43428°N
LONG: 104.60352°W

LEGEND

- = ALIQUOT MONUMENT AS DESCRIBED
- = CALCULATED POSITION

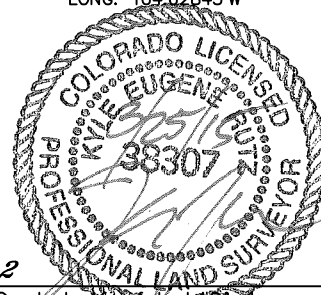
SHEET 1 OF 2

Kyle E. Rutz—On behalf of Lat40°, Inc.
Colorado Licensed Professional
Land Surveyor No. 38307

DATE: 3/23/2015
PROJECT#: 2014140

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: WYATT HALL
- 6) NEAREST CULTURAL ITEMS:
BUILDING: ±870' NW
BUILDING UNIT: ±1021' NW
HIGH OCCUPANCY BUILDING UNIT: 5280'+
DESIGNATED OUTSIDE ACTIVITY AREA: 5280'+
PUBLIC ROAD: ±394' E (CR 49)
ABOVEGROUND UTILITY: ±378' E
RAILROAD: 5280'+
PROPERTY LINE: ±410' E



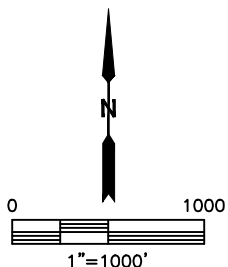
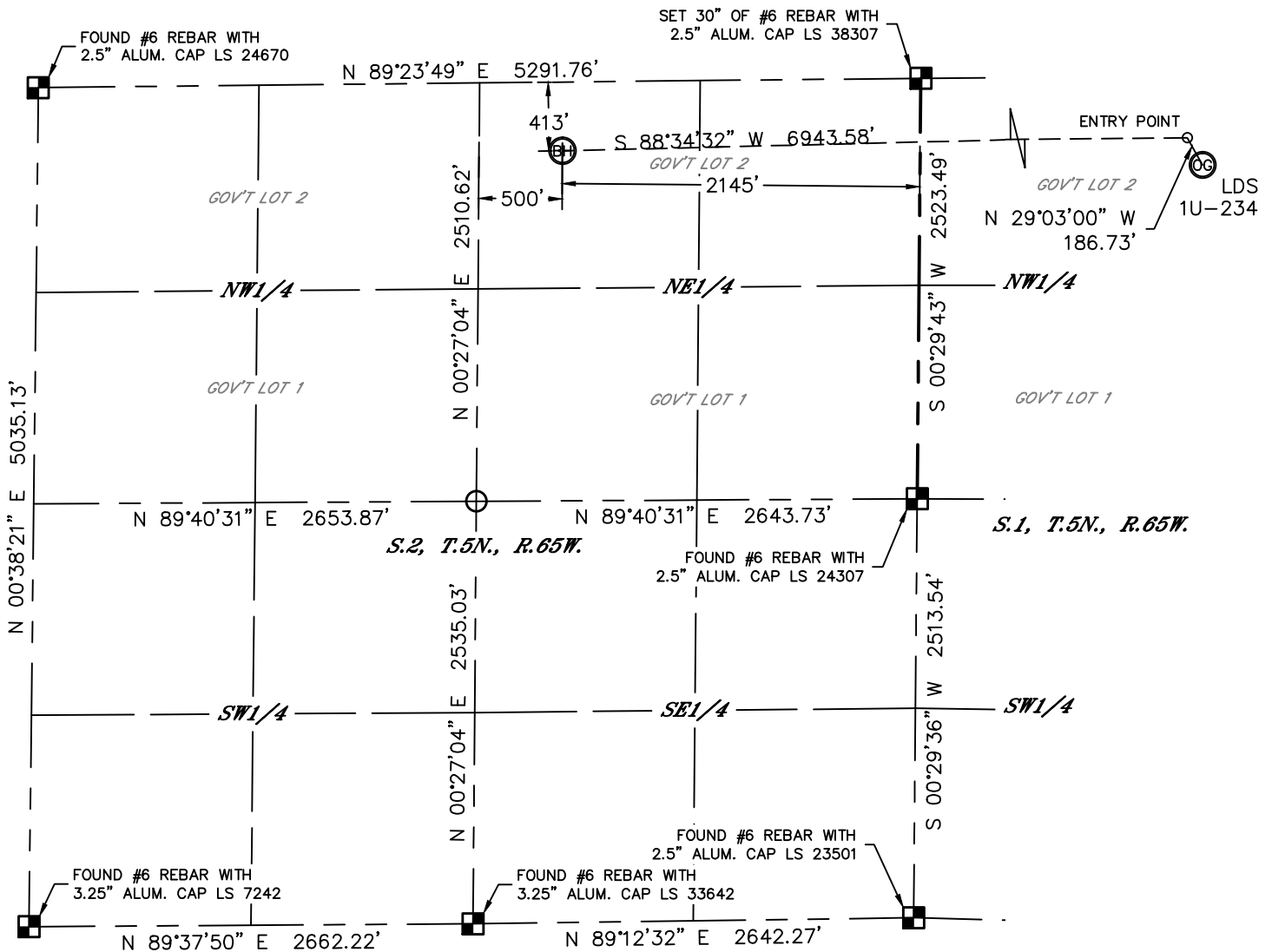


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 1
TOWNSHIP: 5N
RANGE: 65W

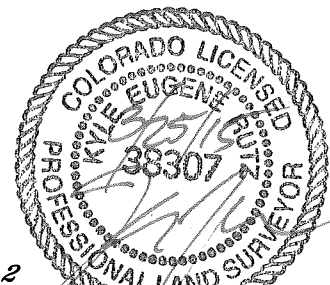


- LEGEND
- = ALIQUOT MONUMENT AS DESCRIBED
 - = CALCULATED POSITION

SHEET 2 OF 2

Kyle E. Rutz—On behalf of Lat40°, Inc.
Colorado Licensed Professional
Land Surveyor No. 38307

DATE: 3/23/2015
PROJECT#: 2014140



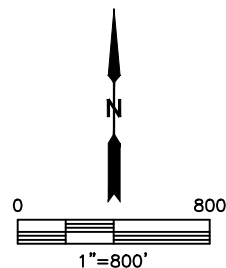
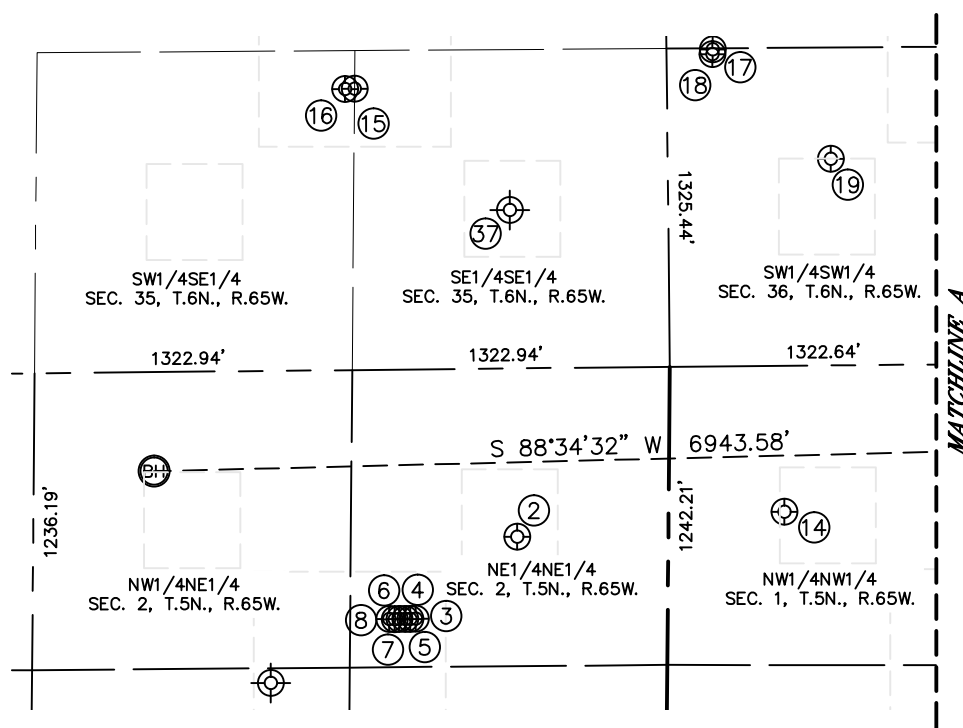
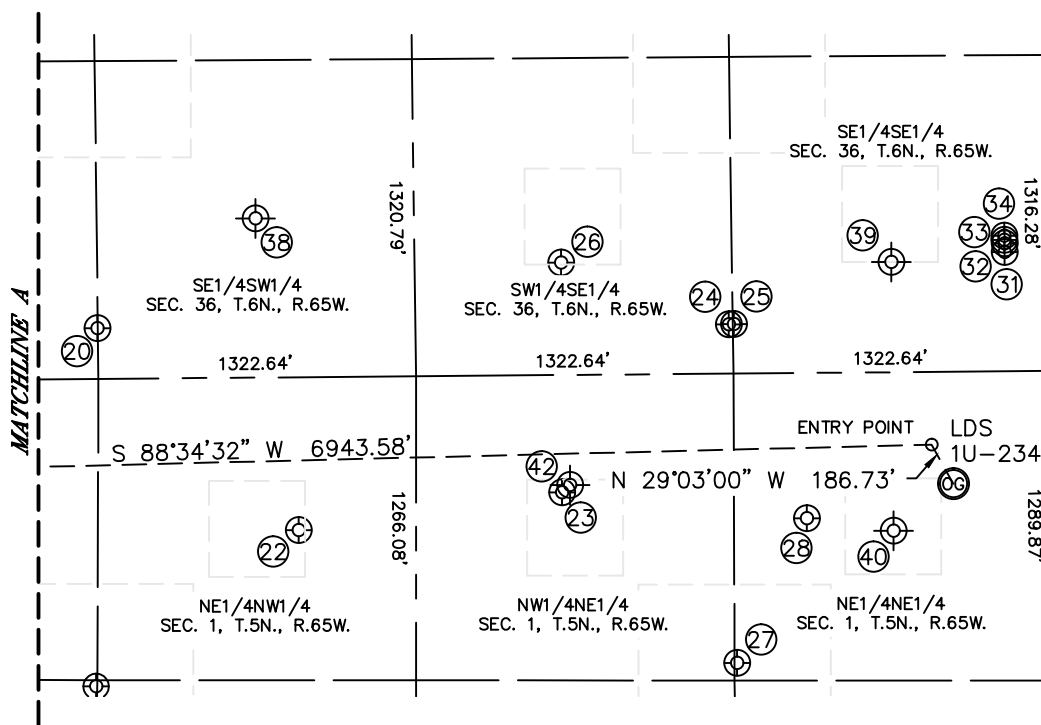


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

SITE SKETCH

LDS 1U-234

SECTION: 1
TOWNSHIP: 5N
RANGE: 65W



SHEET 1 OF 2

DATE: 3/23/2015
PROJECT#: 2014140



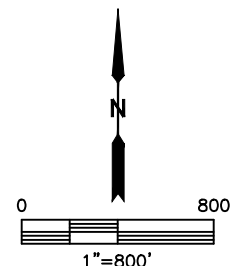
Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

SITE SKETCH

LDS 1U-234

SECTION: 1
TOWNSHIP: 5N
RANGE: 65W

WELL NO.	WELL NAME	SHL FOOTAGE			SHL LAT°	SHL LONG°	PDOP	ELEV (FT.)	1/4/1/4	
1	BJB 2	1957	FNL	527	FEL	40.42975	-104.60363	2.2	4614	SENE
2	FRUDDEN 1	702	FNL	630	FEL	40.43321	-104.62303	2.6	4647	NENE
5	NOFFSINGER 2RD	1039	FNL	1094	FEL	40.43228	-104.62472	2.6	4647	NENE
6	NOFFSINGER 2C	1040	FNL	1117	FEL	40.43228	-104.62480	2.6	4647	NENE
7	NOFFSINGER 32-2D	1040	FNL	1138	FEL	40.43228	-104.62488	2.6	4647	NENE
8	NOFFSINGER 31-2D	1039	FNL	1144	FEL	40.43228	-104.62496	2.6	4647	NENE
14	GATEWOOD 4-1	608	FNL	482	FWL	40.43347	-104.61903	2.0	4641	NWNW
15	AIRPORT 44-35D	1171	FSL	1300	FEL	40.43835	-104.62539	3.2	4655	SESE
17	LDS E 36-33	1320	FSL	192	FWL	40.43876	-104.62004	3.2	4650	SWSW
18	LDS F 01-30D	1300	FSL	191	FWL	40.43870	-104.62004	3.2	4650	SWSW
19	SINJIN E 36-13	861	FSL	680	FWL	40.43750	-104.61828	3.2	4649	SWSW
20	LDS F 01-29	212	FSL	1320	FWL	40.43571	-104.61598	2.5	4645	SWSW
22	GATEWOOD 3-1	637	FNL	2162	FWL	40.43338	-104.61300	2.2	4638	NENW
23	BJB 6I	489	FNL	2040	FEL	40.43378	-104.60905	2.0	4641	NWNE
24	LDS 01-28D	206	FSL	1339	FEL	40.43568	-104.60653	1.7	4642	SWSE
25	LDS 01-27	206	FSL	1318	FEL	40.43568	-104.60646	1.7	4642	SESE
26	SINJIN E 36-15	468	FSL	2034	FEL	40.43641	-104.60904	3.2	4644	SWSE
27	BJB 5	1205	FNL	1317	FEL	40.43181	-104.60646	2.8	4640	NENE
28	BJB 4	606	FNL	1021	FEL	40.43346	-104.60540	2.9	4637	NENE
31	CATTLEMAN 24-31D	497	FSL	186	FEL	40.43648	-104.60240	2.1	4644	SESE
32	CATTLEMAN 14-31D	532	FSL	186	FEL	40.43657	-104.60240	2.1	4644	SESE
33	CATTLEMAN 23-31D	548	FSL	186	FEL	40.43662	-104.60240	4.1	4644	SESE
34	CATTLEMAN 13-31D	564	FSL	186	FEL	40.43666	-104.60240	2.2	4644	SESE
37	LITTLE WILL 5	660	FSL	660	FEL	40.43682	-104.62313	NA	4651	SESE
38	SINJIN E 36-14	663	FSL	1984	FWL	40.37453	-104.61353	NA	4638	SESW
39	SINJIN E 36-16	459	FSL	658	FEL	40.43640	-104.60422	NA	4640	SESE
41	WAGNER-EHRLICH 1	1300	FNL	1651	FEL	40.43111	-104.62664	NA	4646	SWNE
42	BJB 1	459	FNL	2007	FEL	40.43386	-104.60895	NA	4639	NWNE



SHEET 2 OF 2

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

DATE: 8/19/2014
PROJECT#: 2014140