

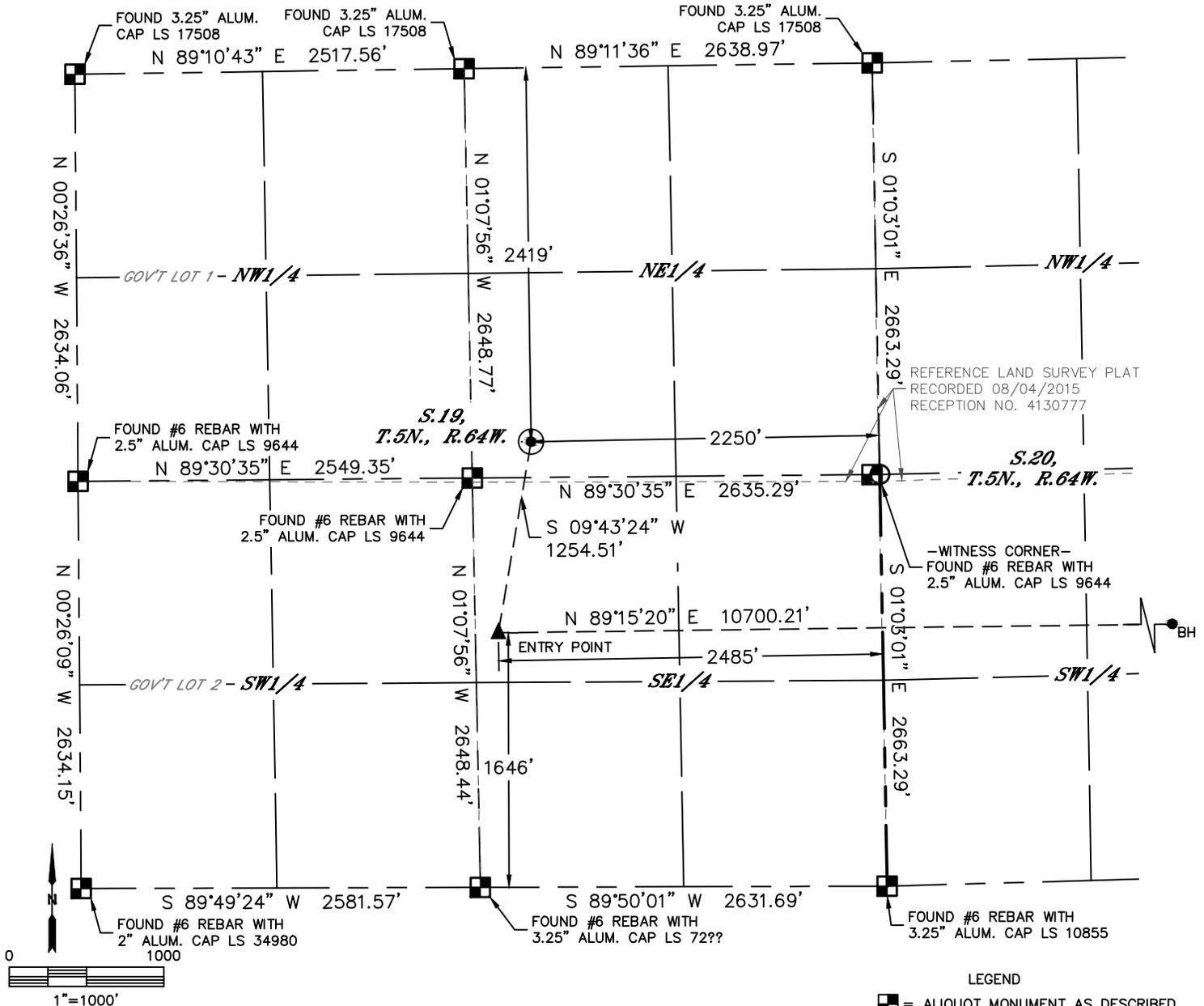


Lat40°, Inc. 6250 W. 10th Street, Unit 2 Greeley, CO 970-515-5294

WELL LOCATION CERTIFICATE

KLEIN 19P-312

SECTION: 19
TOWNSHIP: 5N
RANGE: 64W



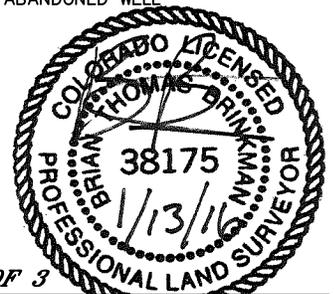
CLIENT: PDC ENERGY				LANDSMAN: AL BRAGG			
INSTRUMENT OPERATOR: BRIAN ROTTINGHAUS				SURVEY DATE: 11-26-2013		SURFACE USE: CROP LAND	
SHL FOOTAGE	SHL LAT°	SHL LONG°	SHL PDOP	SHL ELEV	SHL 1/4/1/4	SHL S-T-R	
2419	FNL	2250	FEL	40.38524	-104.59138	2.9	4626
							SWNE
							19-5-64

BHL FOOTAGE	BHL LAT°	BHL LONG°	BHL S-T-R	EP LAT°	EP LONG°	EP S-T-R
1565	FSL	2353	FEL	40.38193	-104.55379	21-5-64
						40.38185
						-104.59219
						19-5-64

NEAREST CULTURAL ITEMS	
BUILDING	±2085' NE
BUILDING UNIT	±2244' NW
HIGH OCCUPANCY BUILDING UNIT	5280' +
DESIGNATED OUTSIDE ACTIVITY AREA	5280' +
PUBLIC ROAD (COUNTY ROAD 54.5)	±2017' SE
ABOVE GROUND UTILITY	±986' NW
RAILROAD	±1498' SE
PROPERTY LINE	±232' S

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) Distances to section lines measured at 90 degrees from said section lines.
 3) Ground elevations are based on an observed GPS elevation (NAVD 1988 DATUM).
 4) Latitude and Longitude shown are (NAD 83 DATUM).
 5) IMPROVEMENTS: See LOCATION DRAWING for all visible improvements within 500' of oil and gas location.
 6) This map does not represent a boundary survey.

- LEGEND**
- = ALIQUOT MONUMENT AS DESCRIBED
 - = CALCULATED POSITION
 - = SURFACE HOLE LOCATION (SHL)
 - ▲ = ENTRY POINT LOCATION (EP)
 - BH = BOTTOM HOLE LOCATION (BHL)
 - ⊕ = EXISTING WELL
 - ⊙ = ABANDONED WELL



SHEET 1 OF 3
 Brian T. Brinkman—On behalf of Lat40°, Inc.
 Colorado Licensed Professional Land Surveyor No. 38175
 DATE: 1/13/2016
 PROJECT#: 2013130

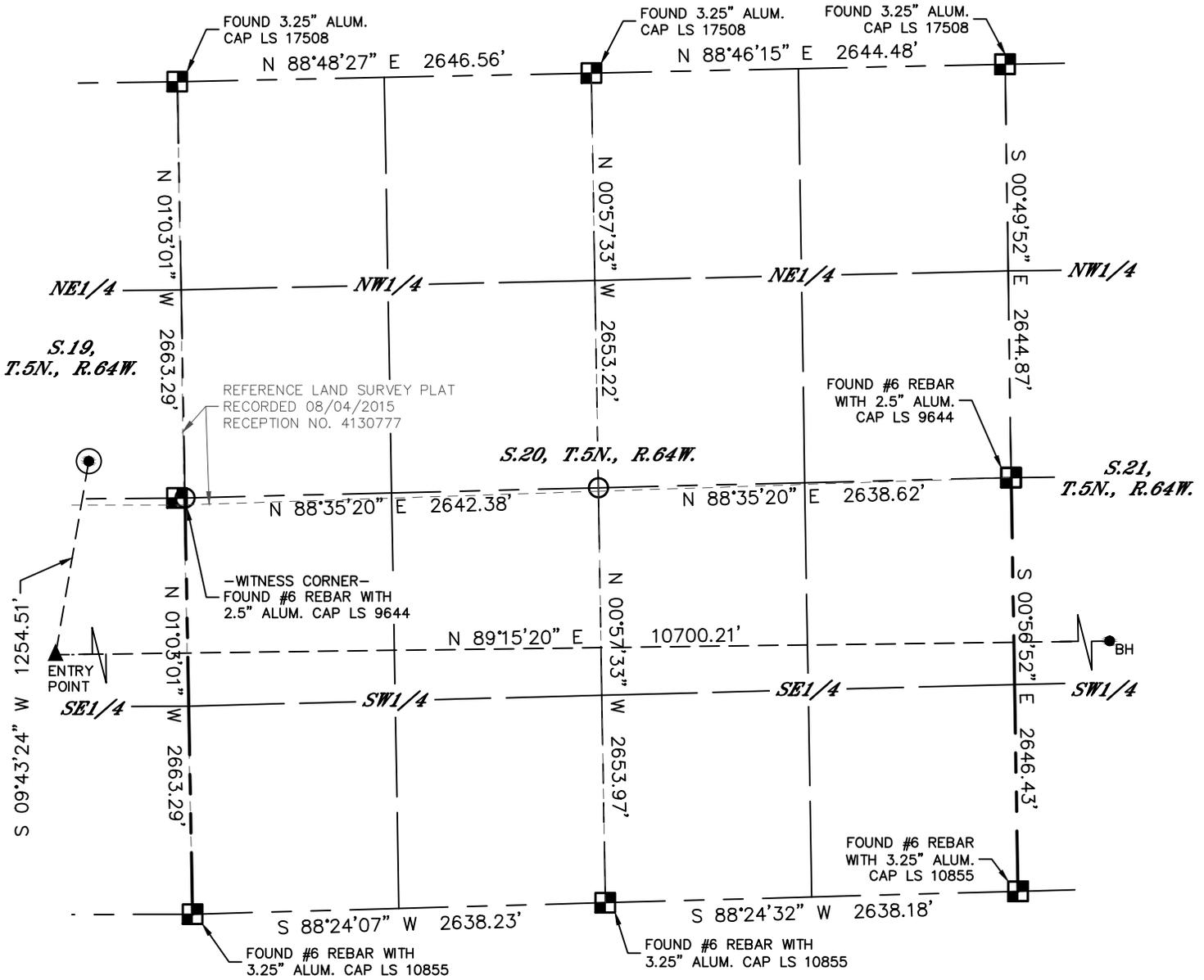


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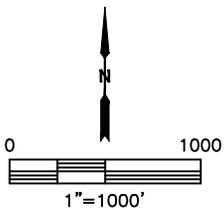
KLEIN 19P-312

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SHEET 2 OF 3

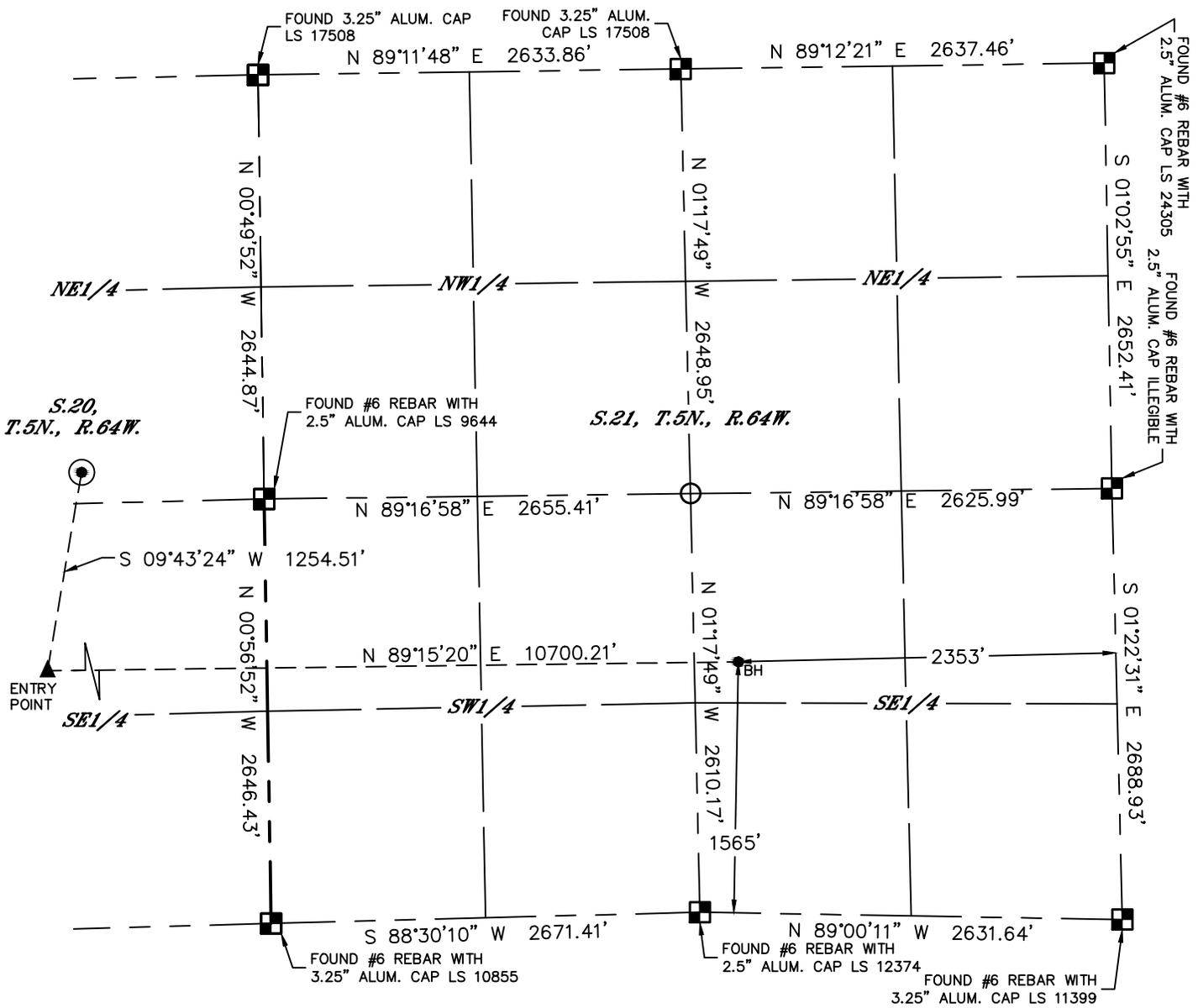
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 Colorado Licensed Professional Land Surveyor No. 38175
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 PROJECT#: 2013130



WELL LOCATION CERTIFICATE

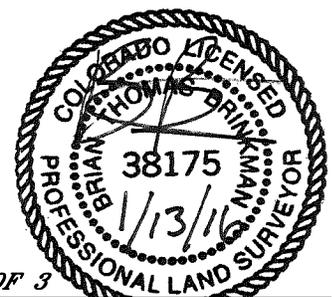
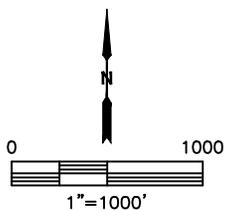
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SHEET 3 OF 3



SITE SKETCH
KLEIN 19P-312

SECTION: 19
 TOWNSHIP: 5N
 RANGE: 64W

WELL NO.	WELL NAME	SHL FOOTAGE				SHL LAT°	SHL LONG°	PDOP	ELEV (FT.)	1/4/1/4
1	AUSTIN 1	2018	FSL	1984	FEL	40.38286	-104.59040	2.0	4626	NWSE
2	MOWERY 19-1	2037	FSL	711	FEL	40.38289	-104.58583	2.1	4624	NESE
12	DANLEY 43-20	1125	FSL	1290	FEL	40.38056	-104.56894	1.7	4659	SESE
13	DANLEY 33-20	1125	FSL	1313	FEL	40.38056	-104.56903	1.7	4659	SESE
14	EVERT 20-1	2013	FSL	1984	FWL	40.38291	-104.57616	1.6	4634	NESW
15	IVAN KLEIN 13-20	1828	FSL	650	FWL	40.38233	-104.58094	1.5	4624	NWSW
16	EVERT 5	1280	FSL	1334	FWL	40.38086	-104.57847	1.8	4638	SESW
17	MOWERY 5	1196	FSL	1271	FEL	40.38059	-104.58782	1.6	4626	SESE
18	PHIL WILSON 19-1	681	FSL	1937	FEL	40.37919	-104.59019	2.3	4641	SWSE
19	MOWERY 19-2	653	FSL	677	FEL	40.37909	-104.58567	1.9	4653	SESE
25	IVAN KLEIN 20-2	632	FSL	609	FWL	40.37905	-104.58106	2.0	4662	SWSW
26	EVERT 20-2	736	FSL	2059	FWL	40.37940	-104.57586	2.0	4659	SESW
30	GILBERT DANLEY 20-1	648	FSL	672	FEL	40.37928	-104.56672	1.9	4655	SESE
31	HOFF 20-1	654	FSL	1981	FEL	40.37924	-104.57141	2.1	4673	SWSE
56	ELDER 13-21	800	FSL	472	FWL	40.37975	-104.56261	2.2	4644	SWSW
57	ELDER 14-21	449	FSL	1791	FWL	40.37885	-104.55788	2.0	4633	SESW
58	ELDERSUB 11-21	1361	FSL	1892	FWL	40.38136	-104.55755	2.2	4641	NESW
63	CHESNUT 1	1956	FSL	730	FEL	40.38286	-104.54798	1.7	4621	NESE
64	CHESNUT 3	662	FSL	1985	FEL	40.37942	-104.55243	1.9	4629	SWSE
66	CHESNUT 4	1915	FSL	1915	FEL	40.38278	-104.55222	N/A	4624	NWSE

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