

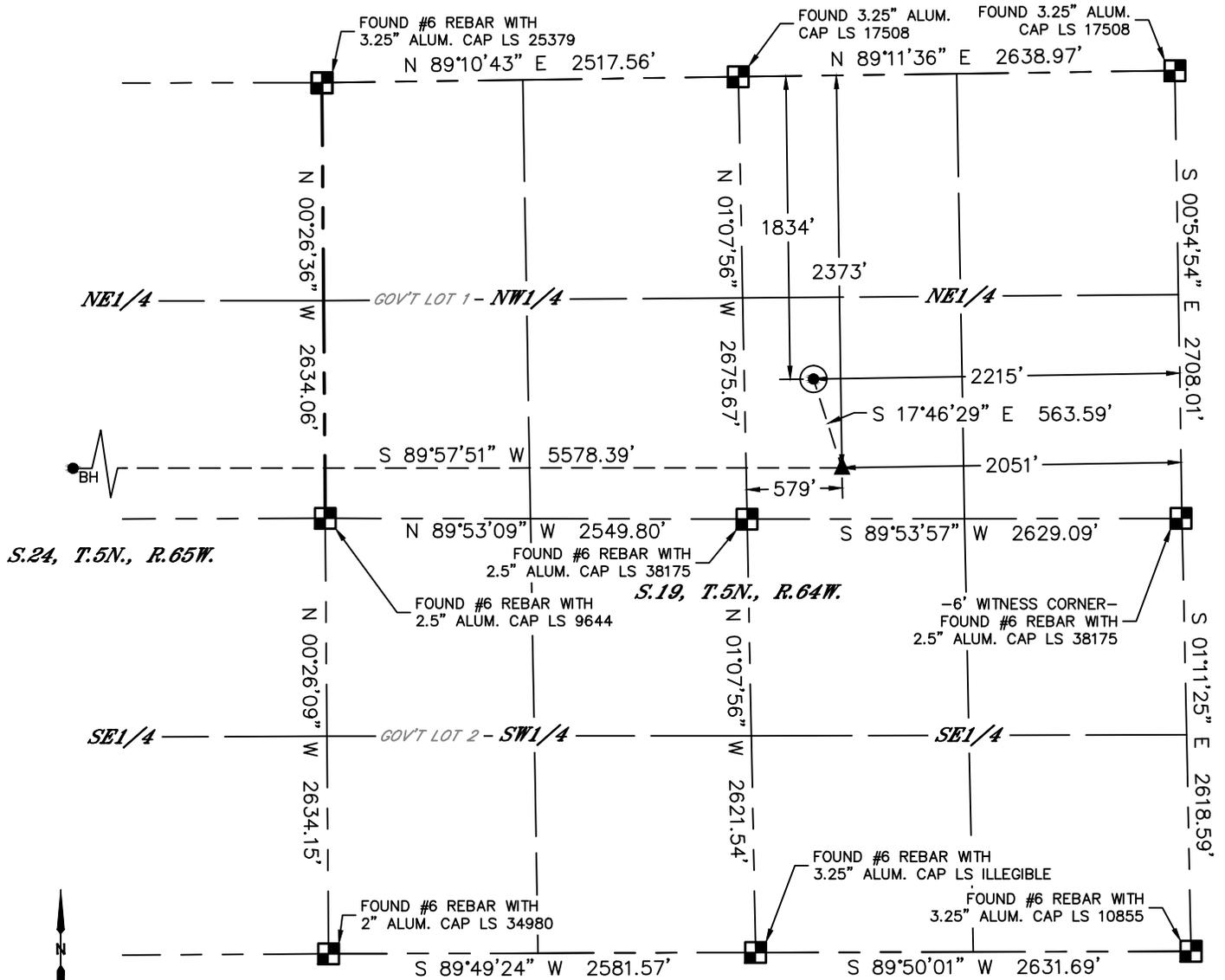


Lat40°, Inc. 6250 W. 10th Street, Unit 2, Greeley, CO 970-515-5294

WELL LOCATION CERTIFICATE

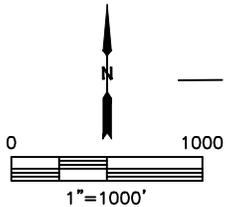
JOSEPHINE190-314

SECTION: 19
TOWNSHIP: 5N
RANGE: 64W
6TH. P.M.
WELD COUNTY, CO



S.24, T.5N., R.65W.

S.19, T.5N., R.64W.



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

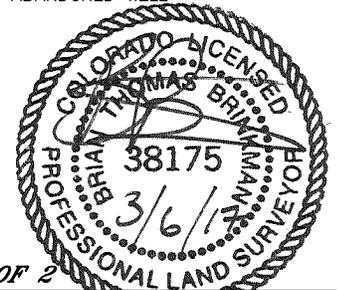
CLIENT: PDC ENERGY, INC.				LANDMAN: BARNEY HAMMOND					
INSTRUMENT OPERATOR: CASEY KOHOUT				SURVEY DATE: 11/9/2016		SURFACE USE: CROP LAND			
SHL FOOTAGE		SHL LAT °	SHL LONG °	SHL PDOP	SHL ELEV (FT.)	SHL 1/4/1/4	SHL S-T-R		
1834	FNL	2214	FEL	40.38685	-104.59129	1.5	4626	SWNE	19-5-64

BHL FOOTAGE		BHL LAT °	BHL LONG °	BHL S-T-R	EP LAT °	EP LONG °	EP S-T-R		
2330	FNL	2453	FEL	40.38552	-104.61071	24-5-65	40.38537	-104.59069	19-5-64

NOTE:

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

NEAREST CULTURAL ITEMS	
BUILDING	±1566' NW
BUILDING UNIT	±1668' NW
HIGH OCCUPANCY BUILDING UNIT	5280'+
DESIGNATED OUTSIDE ACTIVITY AREA	5280'+
PUBLIC ROAD (HIGHWAY 34)	±1837' N
ABOVE GROUND UTILITY	±623' NW
RAILROAD	±2037' SE
PROPERTY LINE	±418' W



SHEET 1 OF 2
 Brian T. Brinkman—On behalf of PDC Energy, Inc.
 Colorado Licensed Professional Land Surveyor No. 38175
 DATE: 3/6/2017
 PROJECT#: 2016070

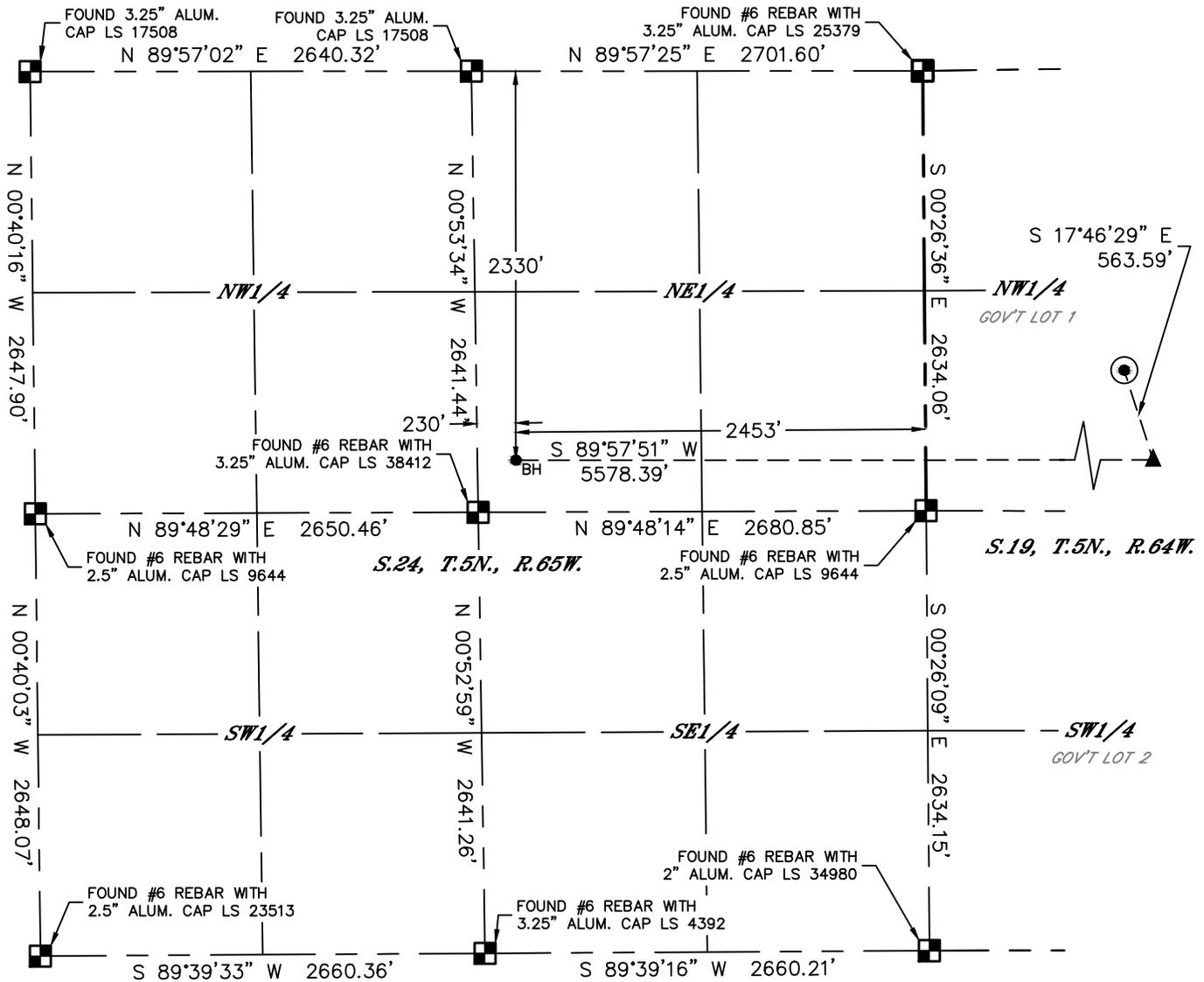


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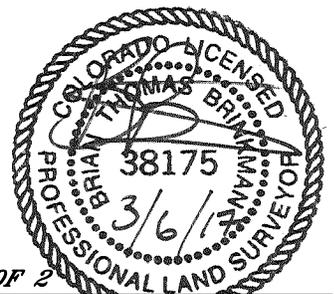
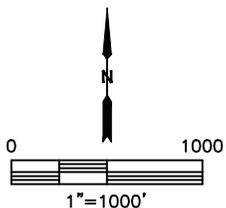
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SHEET 2 OF 2

Brian T. Brinkman—On behalf of Lat40°, Inc.
 Colorado Licensed Professional Land Surveyor No. 38175
 DATE: 3/6/2017
 PROJECT#: 2016070