

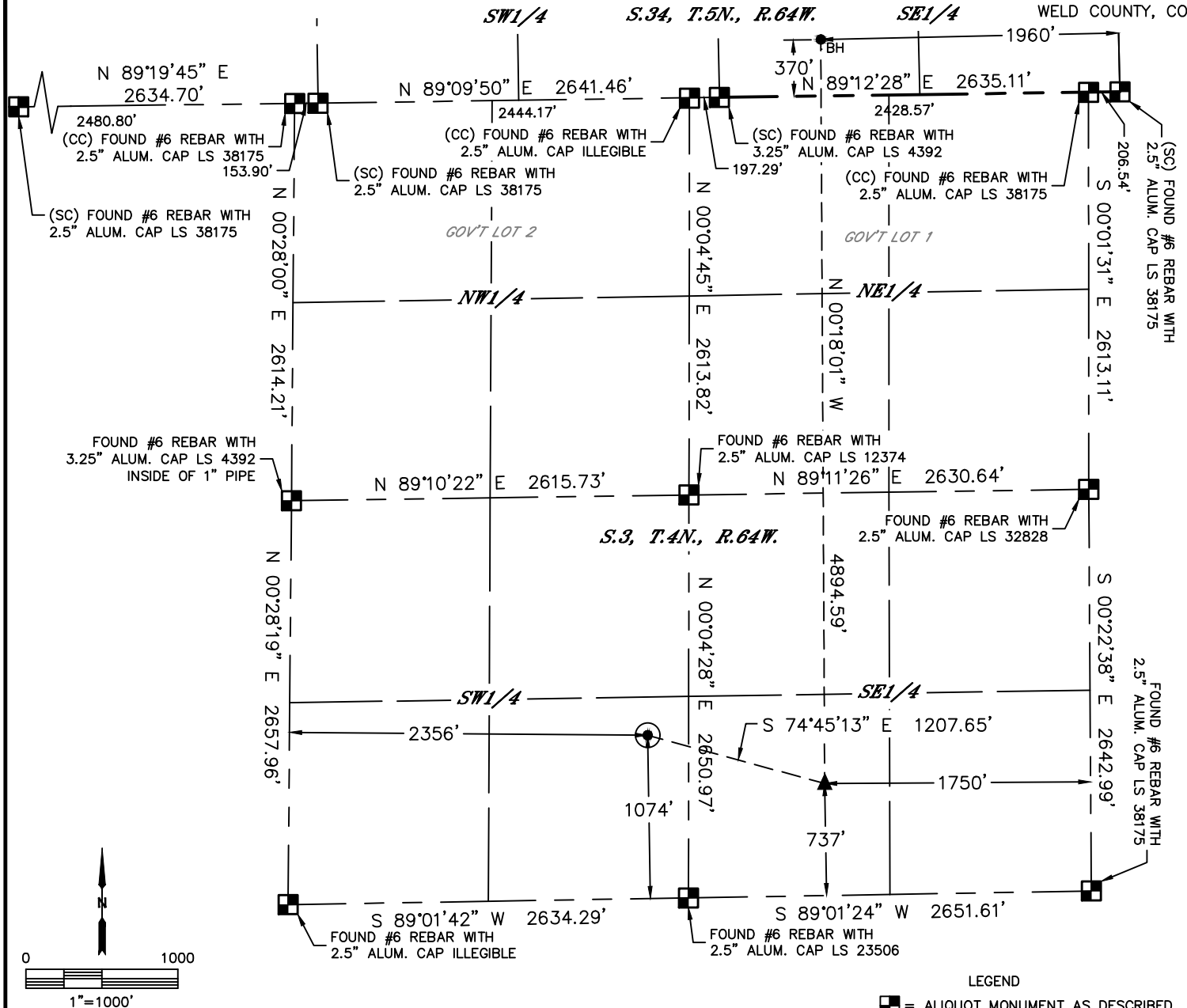


Lat40°, Inc. 6250 W. 10th Street, Unit 2, Greeley, CO 970-515-5294

WELL LOCATION CERTIFICATE

POPHAM 14N

SECTION: 3
TOWNSHIP: 4N
RANGE: 64W
6TH. P.M.
WELD COUNTY, CO



| | | | | | | | |
|----------------------------------|-----|----------|-----------|-------------------------|----------------|-------------|-----------|
| CLIENT: PDC ENERGY, INC. | | | | LANDMAN: JEFF HINDMARSH | | | |
| INSTRUMENT OPERATOR: JAKE STILLE | | | | SURVEY DATE: 7/25/2017 | | | |
| SHL FOOTAGE | | SHL LAT° | SHL LONG° | SHL PDOP | SHL ELEV (FT.) | SHL 1/4/1/4 | SHL S-T-R |
| 1074 | FSL | 2356 | FWL | 40.33708 | -104.53751 | 1.6 | 4659 |
| | | | | | | SESW | 3-4-64 |

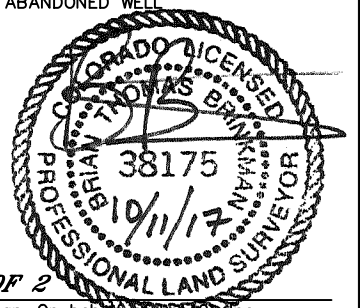
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|-------------|----------|-----------|-----------|----------|------------|----------|
| BHL FOOTAGE | BHL LAT° | BHL LONG° | BHL S-T-R | EP LAT° | EP LONG° | EP S-T-R |
| 370 | FSL | 1960 | FEL | 40.34960 | -104.53325 | 34-5-64 |
| | | | | 40.33617 | -104.53334 | 3-4-64 |

Distance to nearest unit
boundary: 674'

| NEAREST CULTURAL ITEMS | |
|----------------------------------|----------|
| BUILDING | ±838' SE |
| BUILDING UNIT | ±998' SE |
| HIGH OCCUPANCY BUILDING UNIT | 5280'+ |
| DESIGNATED OUTSIDE ACTIVITY AREA | 5280'+ |
| PUBLIC ROAD (COUNTY ROAD 48) | ±1062' S |
| ABOVE GROUND UTILITY | ±849' SE |
| RAILROAD | 5280'+ |
| PROPERTY LINE | ±270' E |

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 2
Brian T. Brinkman—On behalf of Lat40°, Inc.
Colorado Licensed Professional Land Surveyor No. 38175
DATE: 10/11/2017
PROJECT#: 2015075

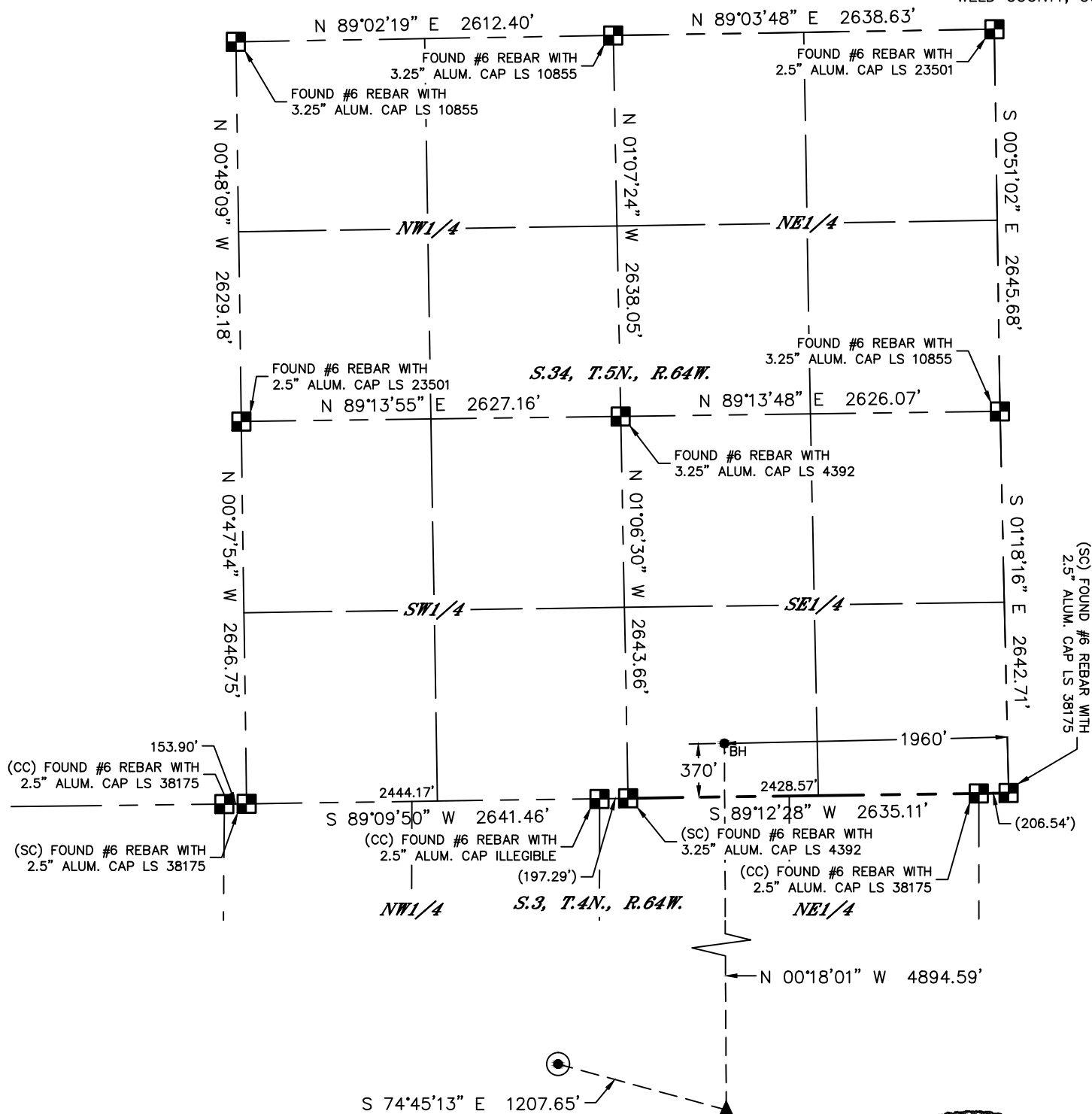


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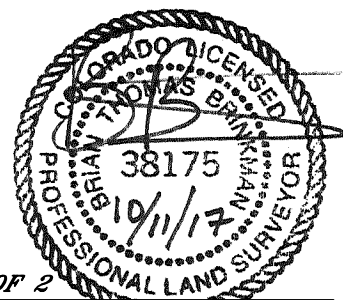
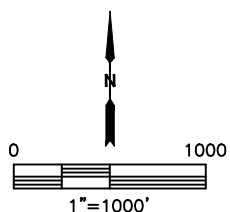
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SHEET 2 OF 2

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