

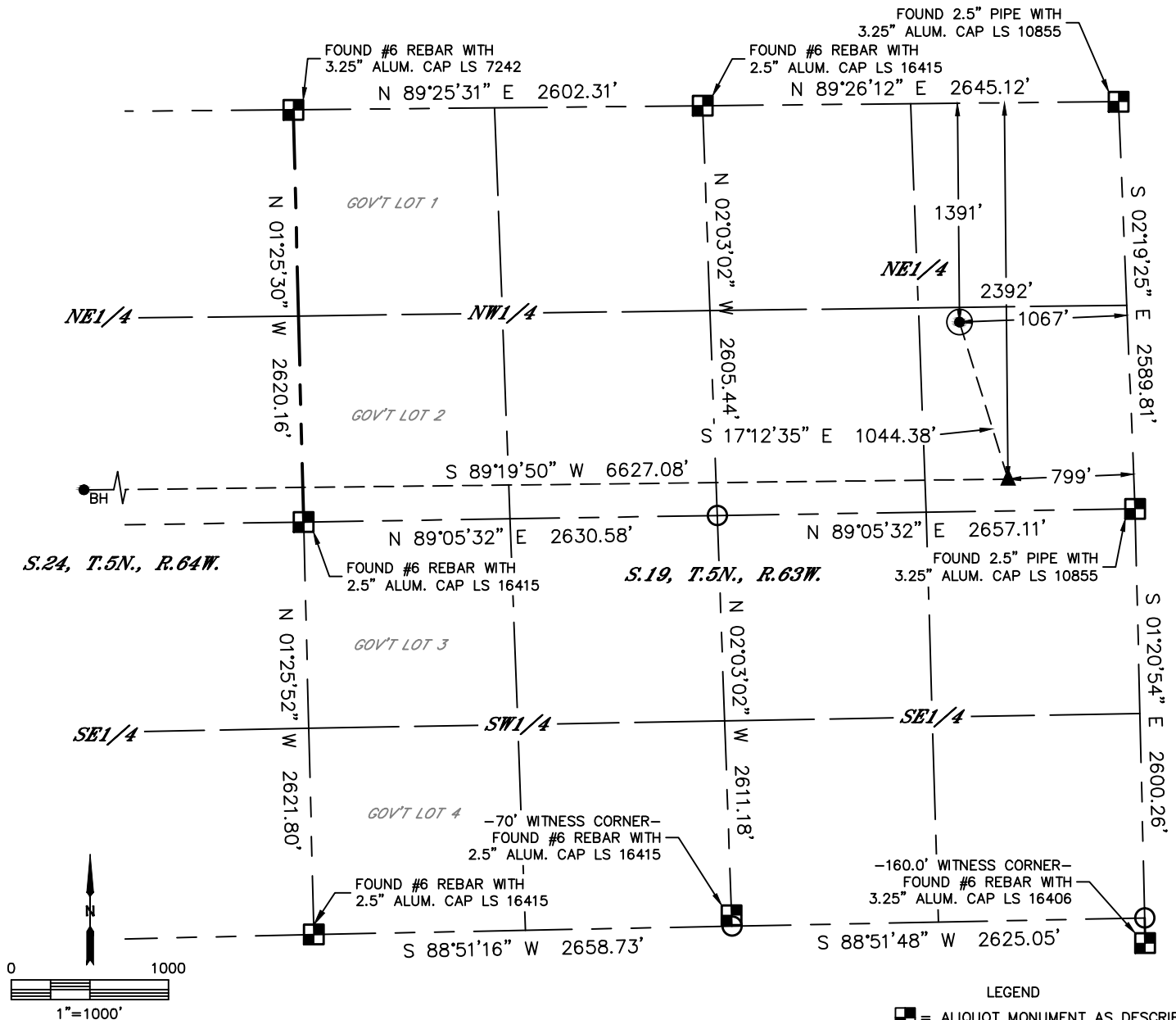


Lat40°, Inc. 6250 W. 10th Street, Unit 2, Greeley, CO 970-515-5294

WELL LOCATION CERTIFICATE

COCKROFT 19W-214

SECTION: 19
TOWNSHIP: 5N
RANGE: 63W
6TH. P.M.
WELD COUNTY, CO



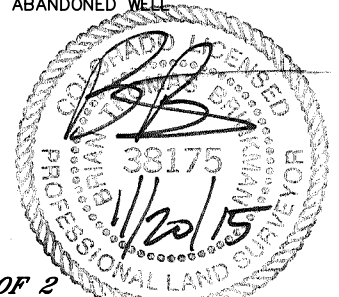
| | | | | | | | |
|-----------------------------------|-----------|------------|----------|-------------------------|-------------|------------------------|--|
| CLIENT: PDC ENERGY | | | | LANDMAN: PATRICK FINLEY | | | |
| INSTRUMENT OPERATOR: CHASE MILLER | | | | SURVEY DATE: 8/13/15 | | SURFACE USE: CROP LAND | |
| SHL FOOTAGE | SHL LAT ° | SHL LONG ° | SHL PDOP | SHL ELEV (FT.) | SHL 1/4/1/4 | SHL S-T-R | |
| 1391 FNL 1067 FEL | 40.38813 | -104.47382 | 2.0 | 4554 | SENE | 19-5-63 | |

| | | | | | | |
|-------------------|-----------|------------|-----------|----------|------------|----------|
| BHL FOOTAGE | BHL LAT ° | BHL LONG ° | BHL S-T-R | EP LAT ° | EP LONG ° | EP S-T-R |
| 2408 FNL 2141 FEL | 40.38538 | -104.49653 | 24-5-64 | 40.38539 | -104.47275 | 19-5-63 |

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.

| NEAREST CULTURAL ITEMS | |
|----------------------------------|----------|
| BUILDING | ±414' SE |
| BUILDING UNIT | ±414' SE |
| HIGH OCCUPANCY BUILDING UNIT | 5280'+ |
| DESIGNATED OUTSIDE ACTIVITY AREA | 5280'+ |
| PUBLIC ROAD (COUNTY ROAD 388) | ±430' SW |
| ABOVE GROUND UTILITY | ±414' SE |
| RAILROAD | 5280'+ |
| PROPERTY LINE | ±440' SW |

- 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: rev11/20/2015
PROJECT#: 2015114

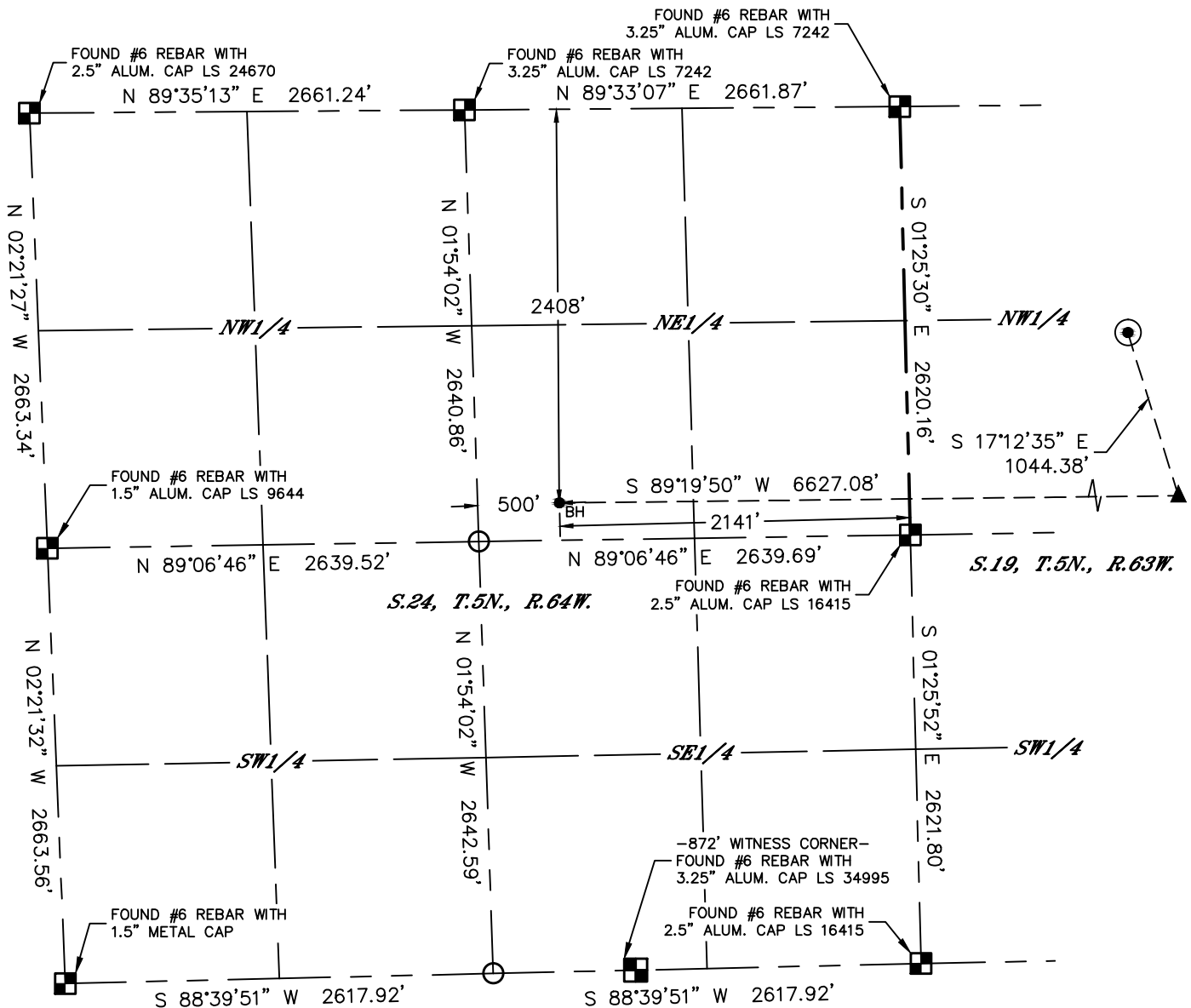


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WELL LOCATION CERTIFICATE

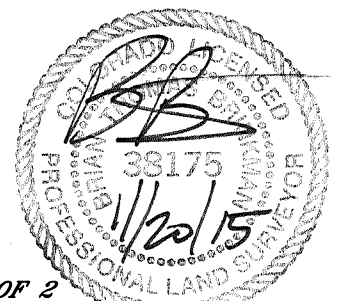
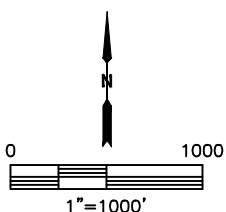
COCKROFT 19W-214

SECTION: 19
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LEGEND

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SHEET 2 OF 2

Brian T. Brinkman—On behalf of Lat40°, Inc.
Colorado Licensed Professional Land Surveyor No. 38175
DATE: rev11/20/2015
PROJECT#: 2015114

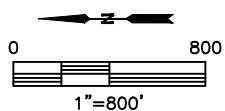
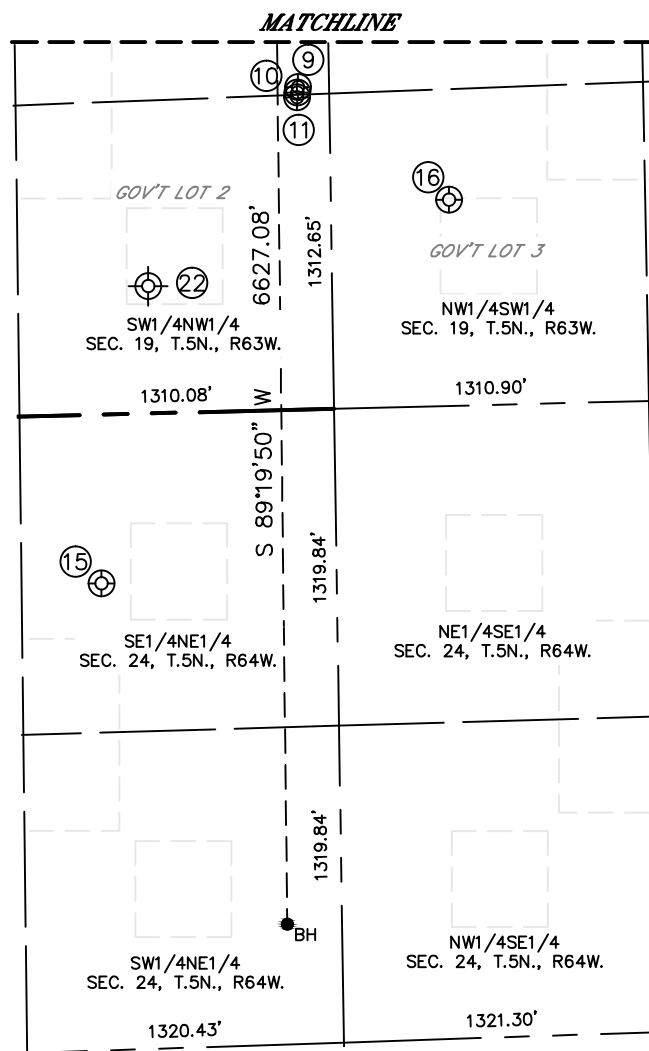
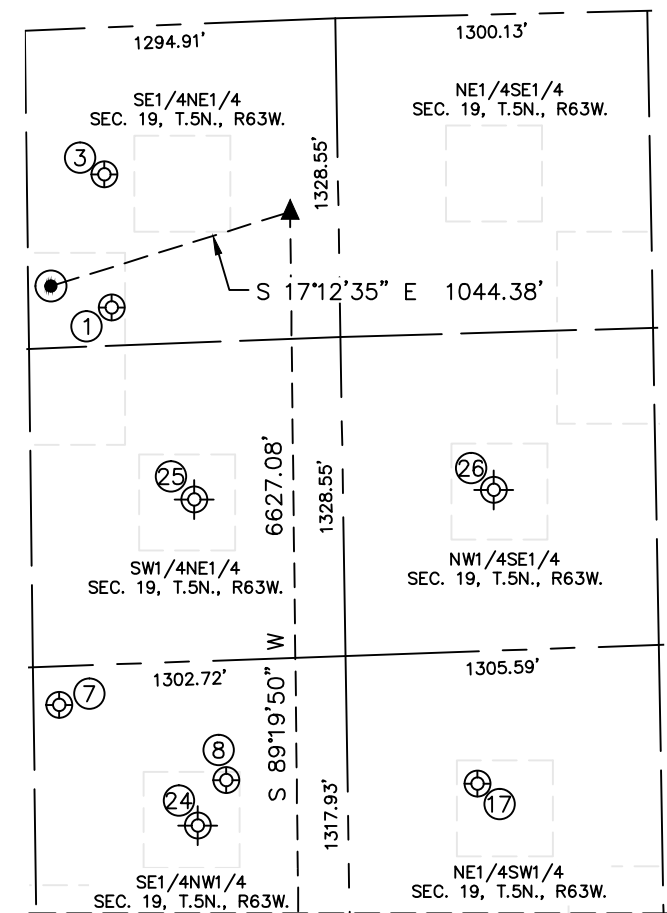


Lat40°, Inc. 6250 W. 10th Street, Unit 2, Greeley, CO 970-515-5294

SITE SKETCH

COCKROFT 19W-214

SECTION: 19
TOWNSHIP: 5N
RANGE: 63W
6TH. P.M.
WELD COUNTY, CO



| WELL NO. | WELL NAME | SHL FOOTAGE | | | | SHL LAT° | SHL LONG° | PDOP | ELEV (FT.) | 1/4/1/4 |
|----------|------------------|-------------|-----|------|-----|----------|------------|------|------------|---------|
| 1 | COCKROFT 19C | 1645 | FNL | 1167 | FEL | 40.38744 | -104.47415 | 2.4 | 4554 | SENE |
| 3 | CHRISTENSON 8-19 | 1619 | FNL | 611 | FEL | 40.38751 | -104.47216 | 1.8 | 4561 | SENE |
| 7 | OCHSNER 19N | 1410 | FNL | 2456 | FWL | 40.38809 | -104.48008 | 2.3 | 4556 | SENW |
| 8 | OCHSNER 22-19 | 2102 | FNL | 2126 | FWL | 40.38619 | -104.48123 | 1.9 | 4555 | SENW |
| 9 | BIJOU 24-19D U | 2483 | FNL | 1343 | FWL | 40.38515 | -104.48402 | 1.8 | 4556 | SENW |
| 10 | BIJOU 19BDU | 2480 | FNL | 1321 | FWL | 40.38516 | -104.48410 | 1.6 | 4556 | SENW |
| 11 | BIJOU 14-19D U | 2477 | FNL | 1301 | FWL | 40.38517 | -104.48418 | 2.4 | 4556 | SWNW |
| 15 | ROTHE 8-24 | 1645 | FNL | 703 | FEL | 40.38746 | -104.49141 | 2.1 | 4561 | SENE |
| 16 | ODLE BB19-12 | 2126 | FSL | 858 | FWL | 40.38344 | -104.48573 | 4.8 | 4556 | NWSW |
| 17 | ODLE BB19-11 | 2073 | FSL | 2085 | FWL | 40.38332 | -104.48133 | 2.3 | 4553 | NESW |
| 22 | JOHNSON 2 | 1850 | FNL | 530 | FWL | 40.38684 | -104.48699 | N/A | 4559 | SWNW |
| 24 | JOHNSON 4 | 1980 | FNL | 1940 | FWL | 40.38666 | -104.48199 | N/A | 4555 | SENW |
| 25 | FLACK 7-19 | 1980 | FNL | 1980 | FEL | 40.38659 | -104.47706 | N/A | 4555 | SWNE |
| 26 | FLACK 10-19 | 1980 | FSL | 1980 | FEL | 40.38244 | -104.47703 | N/A | 4551 | NWSE |

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

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