

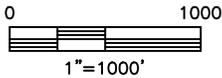
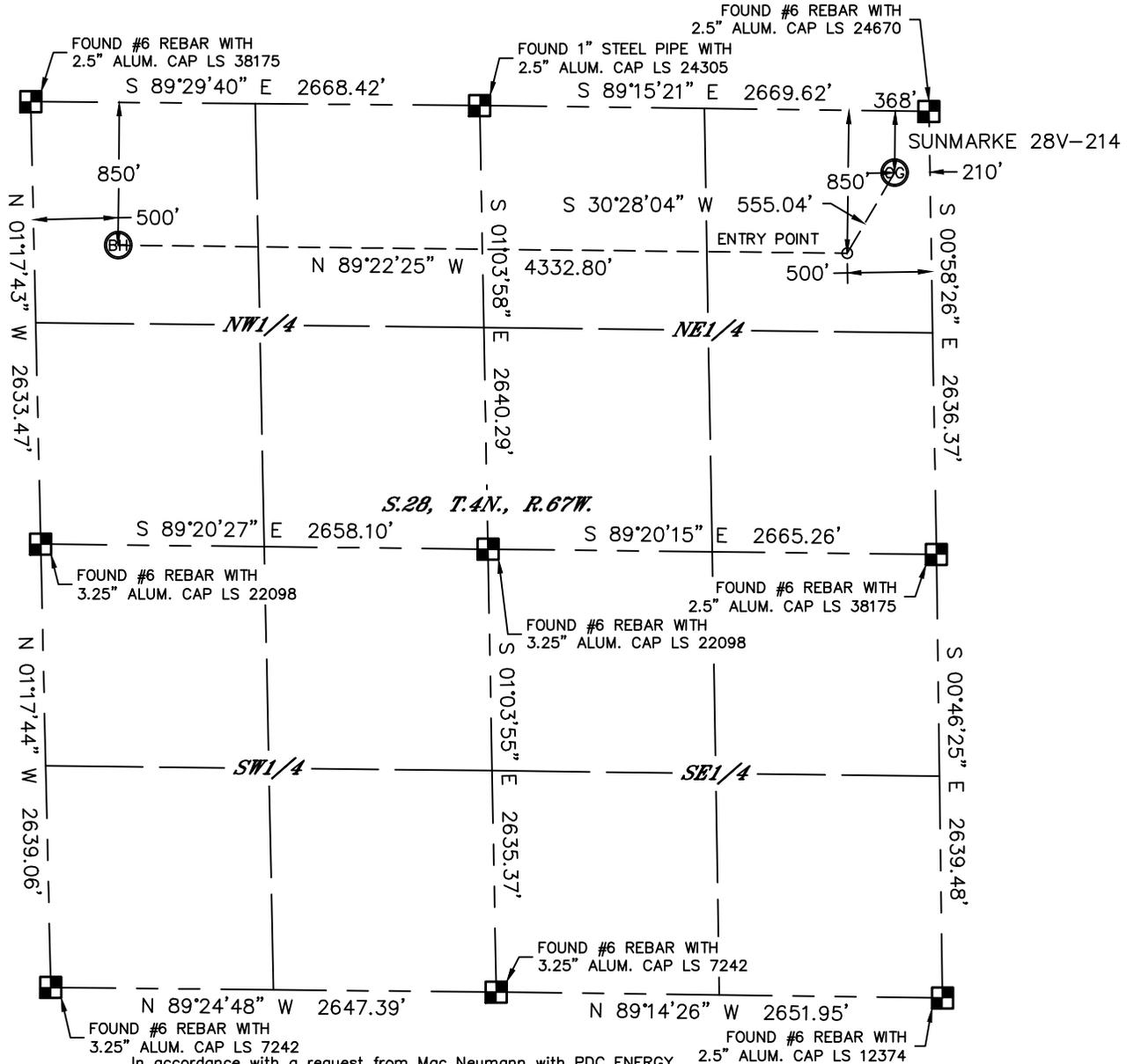


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 28
TOWNSHIP: 4N
RANGE: 67W



In accordance with a request from Mac Neumann with PDC ENERGY Lat40°, Inc. has determined the surface location of the SUNMARKE 28V-214 to be 368' from the NORTH line and 210' from the EAST line and the bottom hole to be 850' from the NORTH line and 500' from the WEST line as measured at right angles from the section lines of Section 28, Township 4 North, Range 67 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 10/23/2013, 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.

- NOTE:**
- 1) Bearings shown are Grid Bearings of the Colorado State Plane Coordinate System, North Zone, North American Datum 1983/2007. 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 400' of disturbed area.
 - 4) SURFACE USE: CROPLAND
 - 5) INSTRUMENT OPERATOR: MARK ANGELL
 - 6) NEAREST CULTURAL ITEMS:
BUILDING 892' SE
BUILDING UNIT 974' SE
HIGH OCCUPANCY BUILDING UNIT 5280'+
DESIGNATED OUTSIDE ACTIVITY AREA 5280'+
PUBLIC ROAD 200' E (CR19)
ABOVE GROUND UTILITY 235' E
RAILROAD 5280'+
PROPERTY LINE 210' E

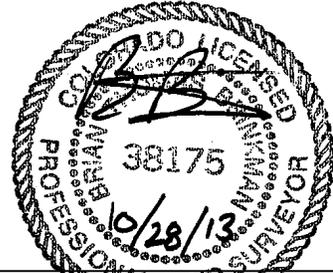
SURFACE LOCATION
LAT: 40.28994°N
LONG: 104.88701°W
PDOP: 2.2
ELEV: 4894'
1/4,1/4: NE1/4NE1/4

ENTRY POINT
LAT: 40.28864°N
LONG: 104.88803°W

BOTTOM HOLE
LAT: 40.28885°N
LONG: 104.90355°W

LEGEND

- = ALIQUOT MONUMENT AS DESCRIBED
- = CALCULATED POSITION



Brian T. Brinkman, Professional Land Surveyor No. 38175
 Lat40°, Inc.
 DATE: rev10/24/2013
 PROJECT#: 2013073

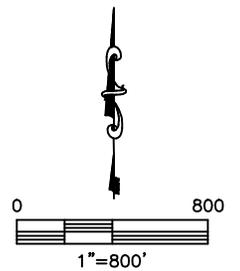
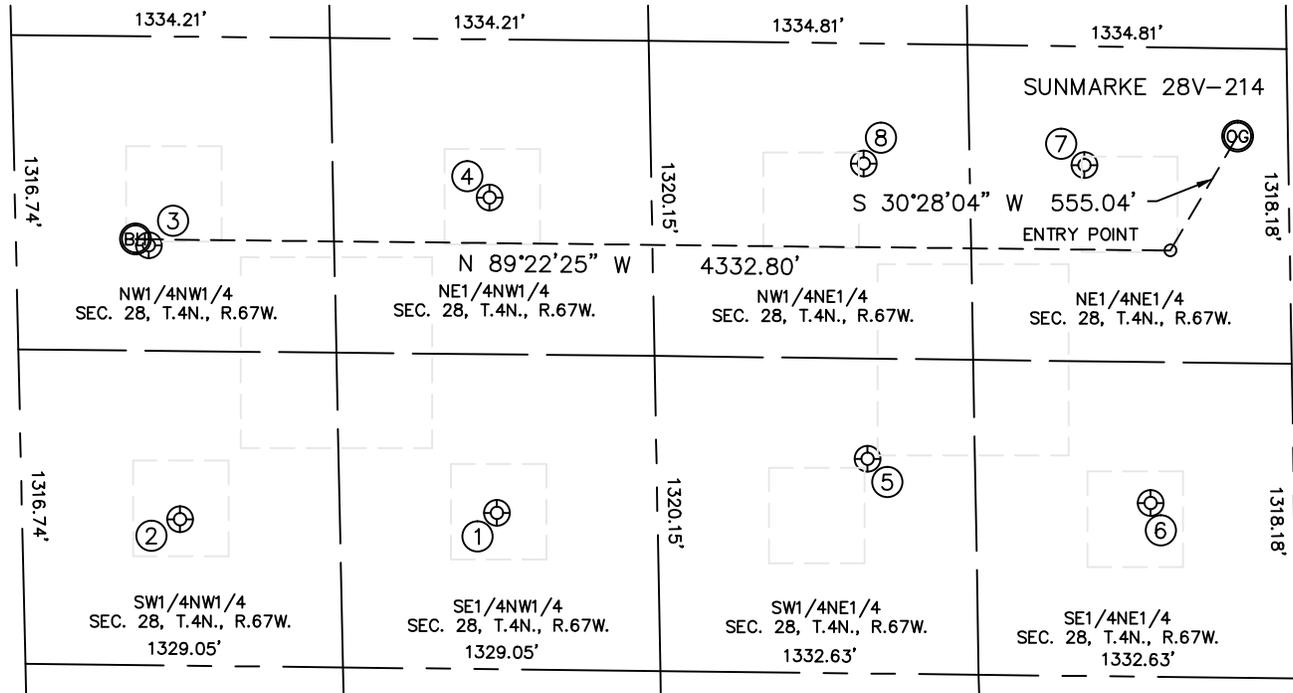


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SITE SKETCH

SUNMARKE 28V-214

SECTION: 28
TOWNSHIP: 4N
RANGE: 67W



| WELL # | WELL NAME | SHL FOOTAGE | | | SHL LAT° | SHL LONG° | PDOP | ELEV. (FT.) | 1/4/1/4 | |
|--------|--------------|-------------|-----|------|----------|-----------|------------|-------------|---------|------|
| | | FNL | FEL | FWL | | | | | | |
| 1 | MCCARTY 28-4 | 1983 | FNL | 1987 | FWL | 40.28567 | -104.89816 | 1.6 | 4970 | SENW |
| 2 | MCCARTY 28-1 | 2022 | FNL | 660 | FWL | 40.28562 | -104.90291 | 1.3 | 4988 | SWNW |
| 3 | MCCARTY 28-5 | 876 | FNL | 556 | FWL | 40.28877 | -104.90335 | 1.5 | 4973 | NWNW |
| 4 | MCCARTY 28-3 | 663 | FNL | 1986 | FWL | 40.2893 | -104.89823 | 2.5 | 4961 | NENW |
| 5 | MCCARTY 28-7 | 1739 | FNL | 1783 | FEL | 40.28626 | -104.89259 | 1.0 | 4926 | SWNE |
| 6 | MCCARTY 28-2 | 1910 | FNL | 600 | FEL | 40.28573 | -104.88835 | 1.7 | 4917 | SENE |
| 7 | MCCARTY 28-8 | 497 | FNL | 854 | FEL | 40.28962 | -104.88931 | 2.3 | 4906 | NENE |
| 8 | MCCARTY 28-6 | 503 | FNL | 1778 | FEL | 40.28966 | -104.89262 | 2.4 | 4924 | NWNE |