

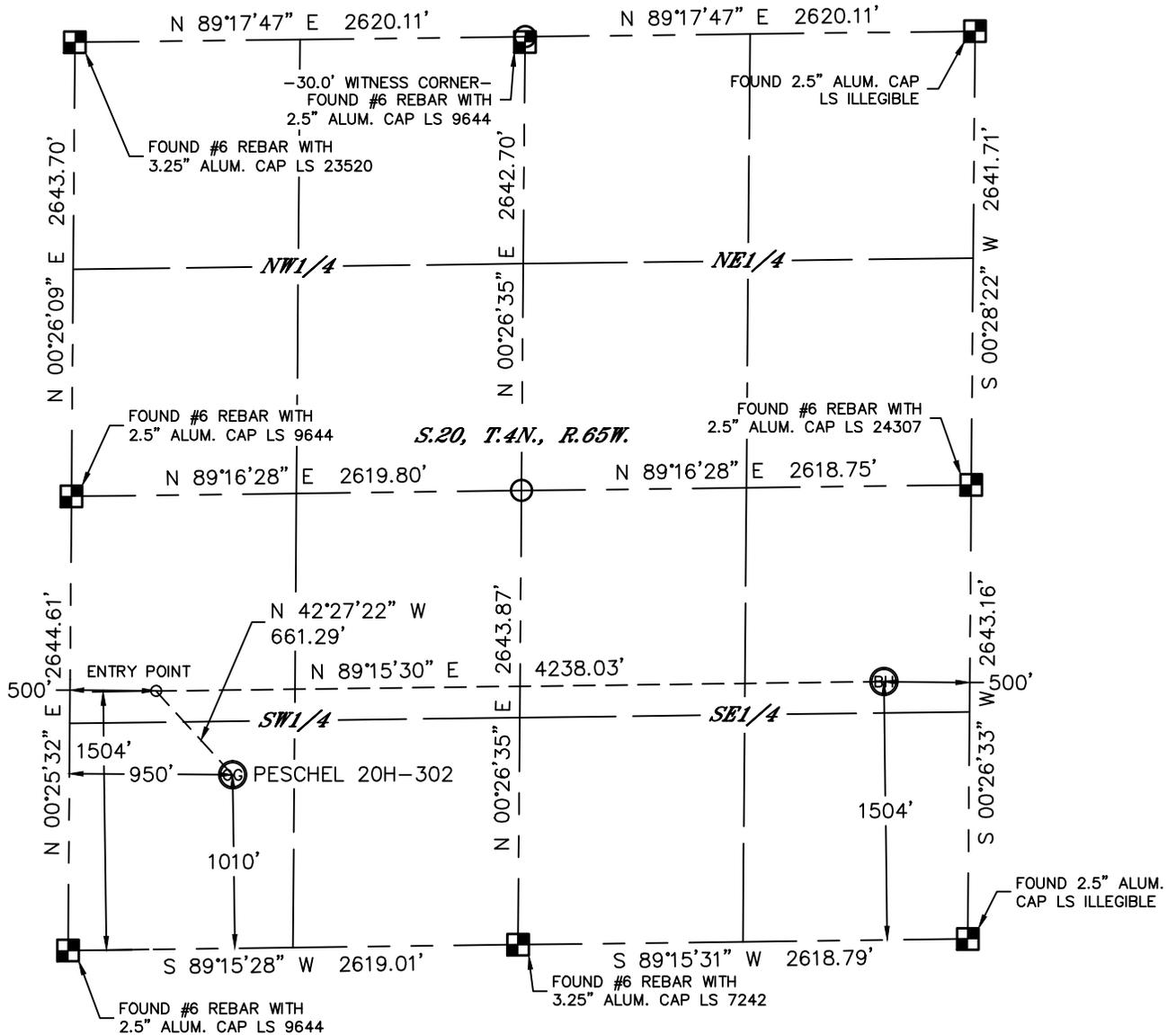


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

WELL LOCATION CERTIFICATE

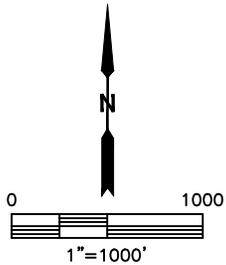
THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 20
TOWNSHIP: 4N
RANGE: 65W



In accordance with a request from Jake Bragg with PDC ENERGY Lat40°, Inc. has determined the surface location of the PESCHEL 20H-302 to be 1010' from the SOUTH line and 950' from the WEST line and the bottom hole to be 1504' from the SOUTH line and 500' from the EAST line as measured at right angles from the section lines of Section 20, Township 4 North, Range 65 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 7/17/2014, 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 500' of disturbed area.
 - 4) SURFACE USE: CROP LAND
 - 5) INSTRUMENT OPERATOR: BRIAN ROTTINGHAUS
 - 6) NEAREST CULTURAL ITEMS:
BUILDING: ±919' NW
BUILDING UNIT: ±982' NW
HIGH OCCUPANCY BUILDING UNIT: 5280'+
DESIGNATED OUTSIDE ACTIVITY AREA: 5280'+
PUBLIC ROAD: ±944' W (CR 39)
ABOVEGROUND UTILITY: ±752' SE
RAILROAD: 5280'+
PROPERTY LINE: ±694' NE

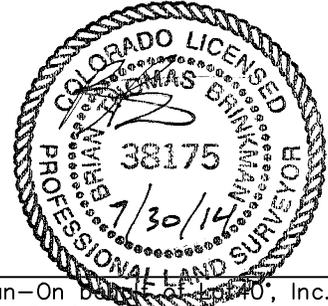
SURFACE LOCATION
LAT: 40.29341°N
LONG: 104.69314°W
PDOP: 1.5
ELEV: 4802'
1/4,1/4: SWSW

BOTTOM HOLE
LAT: 40.29480°N
LONG: 104.67954°W

ENTRY POINT
LAT: 40.29476°N
LONG: 104.69473°W

LEGEND

- = ALIQUOT MONUMENT AS DESCRIBED
- = CALCULATED POSITION



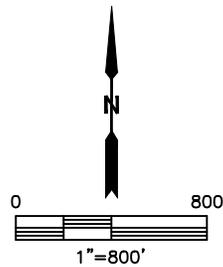
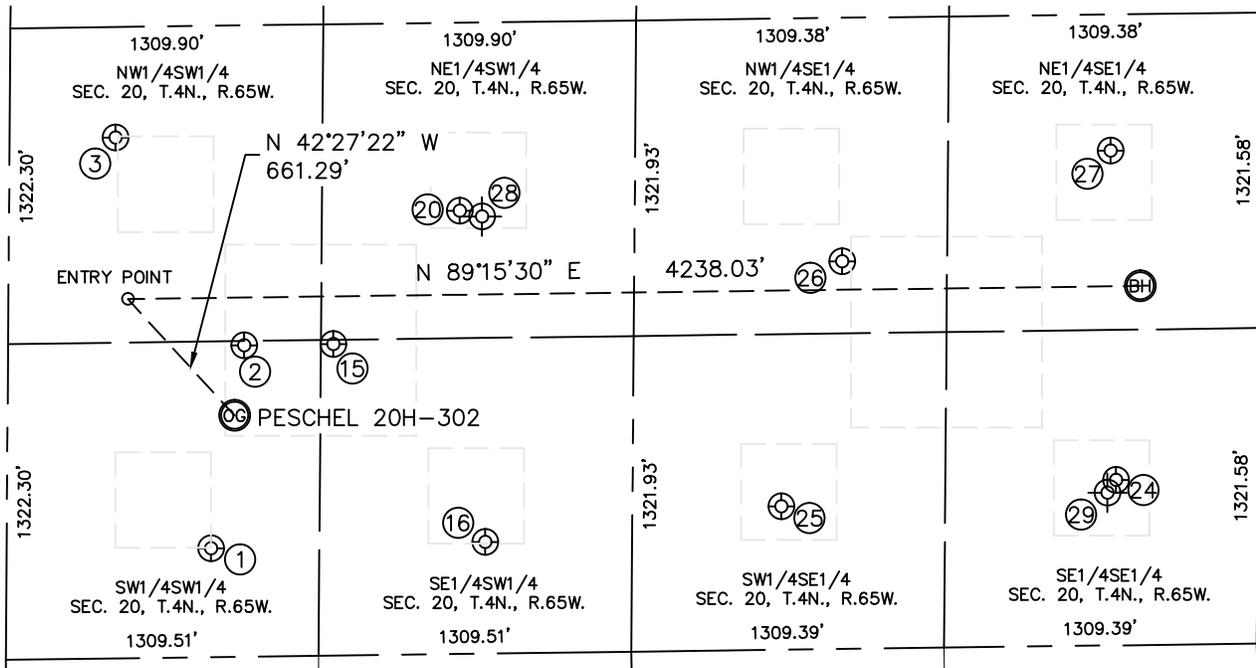
Brian T. Brinkman—On behalf of Lat40°, Inc.
Colorado Licensed Professional
Land Surveyor No. 38175
DATE: 7/30/2014
PROJECT#: 2014132



SITE SKETCH

PESCHEL 20H-302

SECTION: 20
TOWNSHIP: 4N
RANGE: 65W



| WELL NO. | WELL NAME | SHL FOOTAGE | | | | SHL LAT° | SHL LONG° | PDOP | ELEV. (FT.) | 1/4/1/4 |
|----------|----------------------|-------------|-----|------|-----|----------|------------|------|-------------|---------|
| 1 | PESCHEL 14-20 | 456 | FSL | 855 | FWL | 40.29188 | -104.69352 | 1.4 | 4802 | SWSW |
| 2 | PESCHEL 5-20 | 1303 | FSL | 988 | FWL | 40.29421 | -104.69299 | 1.6 | 4802 | SWSW |
| 3 | PESCHEL 13-20 | 2181 | FSL | 442 | FWL | 40.29661 | -104.69489 | 1.7 | 4786 | NWSW |
| 15 | EDWARD HEMPLE UNIT 2 | 1304 | FSL | 1361 | FWL | 40.29422 | -104.69165 | 1.7 | 4810 | SESW |
| 16 | PESCHEL 24-20 | 467 | FSL | 2003 | FWL | 40.29193 | -104.68940 | 1.8 | 4819 | SESW |
| 20 | PESCHEL 23-20B | 1856 | FSL | 1886 | FWL | 40.29574 | -104.68974 | 1.6 | 4823 | NESW |
| 24 | PESCHEL 44-20 | 693 | FSL | 595 | FEL | 40.29257 | -104.67993 | 1.7 | 4884 | SESE |
| 25 | PESCHEL 34-20 | 600 | FSL | 1995 | FEL | 40.29230 | -104.68495 | 1.6 | 4849 | SWSE |
| 26 | PESCHEL 33-20 | 1623 | FSL | 1749 | FEL | 40.29511 | -104.68401 | 1.7 | 4842 | NWSE |
| 27 | PESCHEL 43-20 | 2072 | FSL | 628 | FEL | 40.29636 | -104.67996 | 1.9 | 4830 | NESE |
| 28 | PESCHEL 23-20 | 1830 | FSL | 1980 | FWL | 40.29557 | -104.68923 | NA | 4418 | NESW |
| 29 | PESCHEL 44-20S | 640 | FSL | 630 | FEL | 40.29234 | -104.67991 | NA | 4885 | SESE |

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

DATE: 7/30/2014
PROJECT#: 2014132