

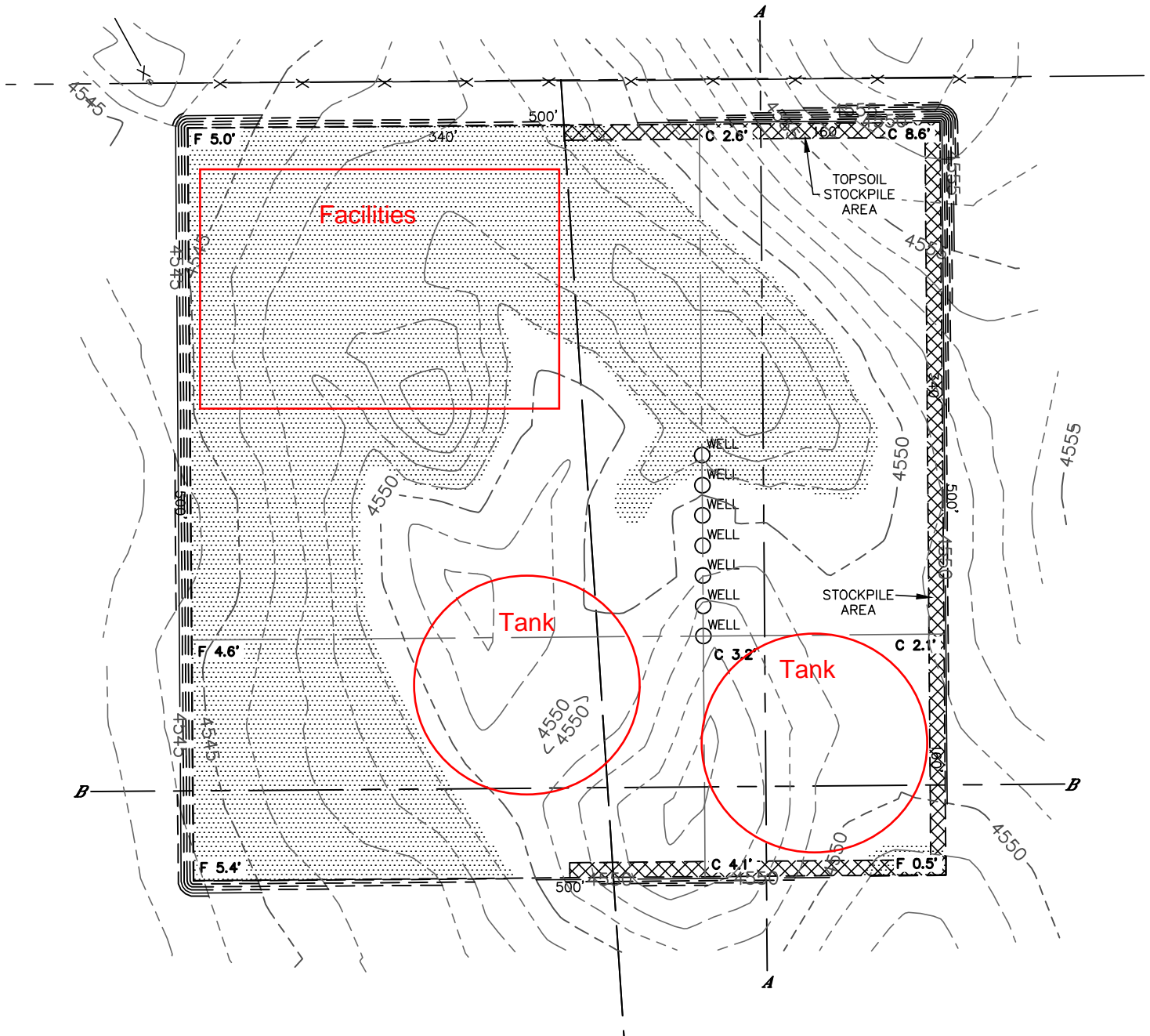


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

CUT & FILL DIAGRAM

STATE SEVENTY HOLES F-4 PAD

SECTION: 4
TOWNSHIP: 4N
RANGE: 62W



OPERATOR: BONANZA CREEK ENERGY, INC.

LOCATION: 370' FNL, 1382' FWL

EXISTING ELEV= 4552.4'

PROPOSED ELEV= 4549.2'

DISTURBANCE= 6.0 ACRES

ESTIMATED EARTHWORK:

TOPSOIL= 9,745 CY

CUT= 10,108 CY

FILL= 10,098 CY

STOCKPILE:

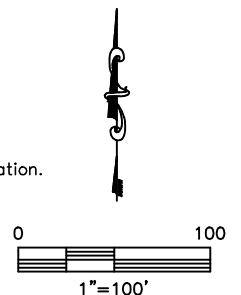
EXCESS= 10 CY

NOTE:

- 1) Ground elevations are based on an observed GPS elevation (NAVD 1988 DATUM).
- 2) No allowance has been made for soil expansion or compaction.
- 3) Proposed elevation does not account for top soil removal.
- 4) Top soil volume assumes 12" depth across entire location.
- 5) Fill slopes 2:1
- 6) Cut slopes 1.5:1

LEGEND

EX. CONTOUR	---
PRO. CONTOUR	---
FILL AREA	



DATE: 8/15/2013
PROJECT#: 2012179