

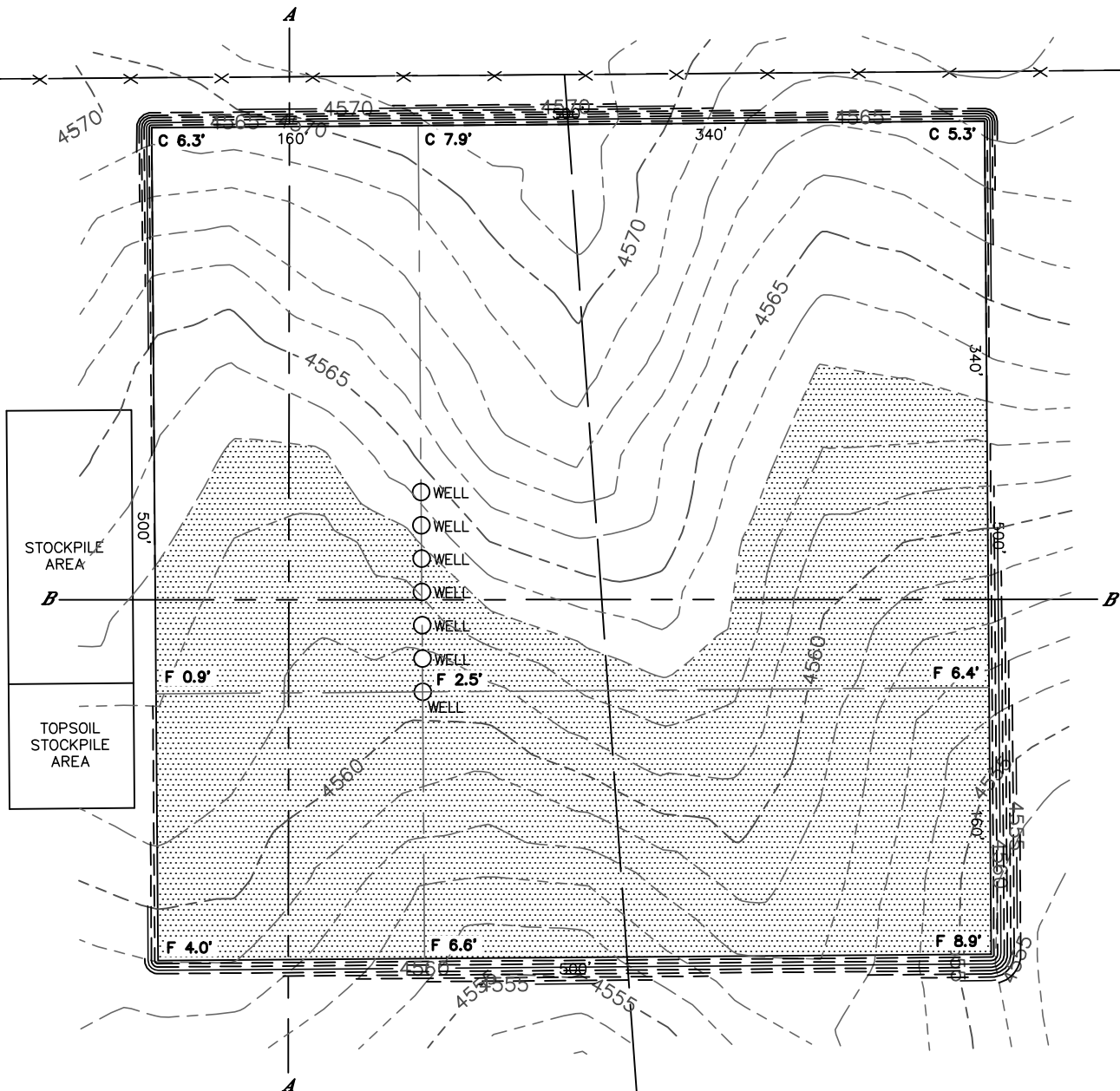


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

# CUT & FILL DIAGRAM

STATE SEVENTY HOLES P-4 PAD

SECTION: 4  
TOWNSHIP: 4N  
RANGE: 62W



**OPERATOR: BONANZA CREEK ENERGY, INC.**

**LOCATION: 370' FNL, 1423' FEL**

**EXISTING ELEV= 4560.5'**

**PROPOSED ELEV= 4563.0'**

**DISTURBANCE= 6.2 ACRES**

**ESTIMATED EARTHWORK:**

**TOPSOIL= 10,003 CY**

**CUT= 16,756 CY**

**FILL= 16,746 CY**

**STOCKPILE:**

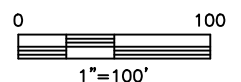
**EXCESS= 10 CY**

**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	



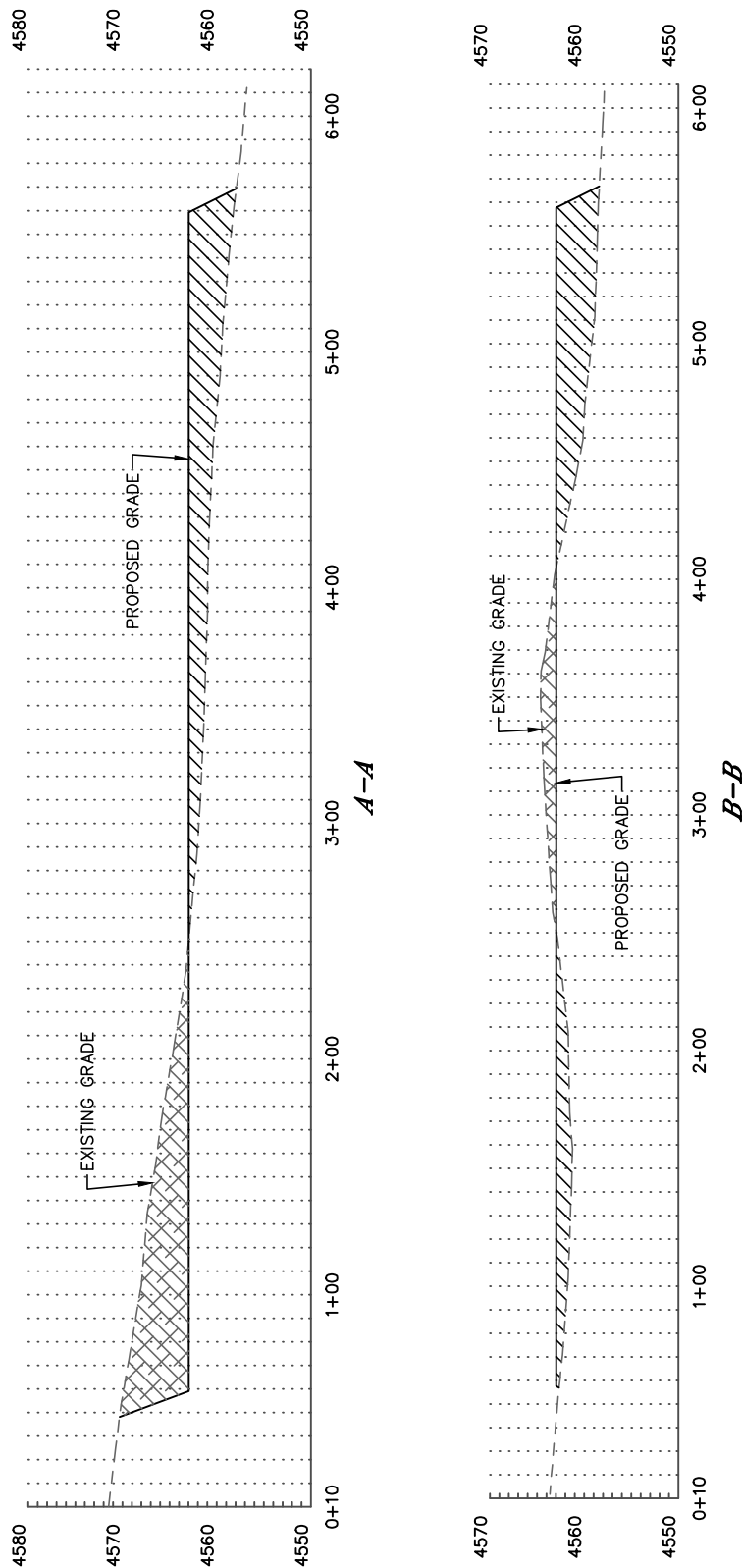
DATE: 2/26/2013  
PROJECT#: 2012179



# CROSS SECTION DIAGRAM

STATE SEVENTY HOLES P-4 PAD

SECTION: 4  
TOWNSHIP: 4N  
RANGE: 62W



HORIZONTAL SCALE: 1"=80', VERTICAL SCALE: 1"=20'