

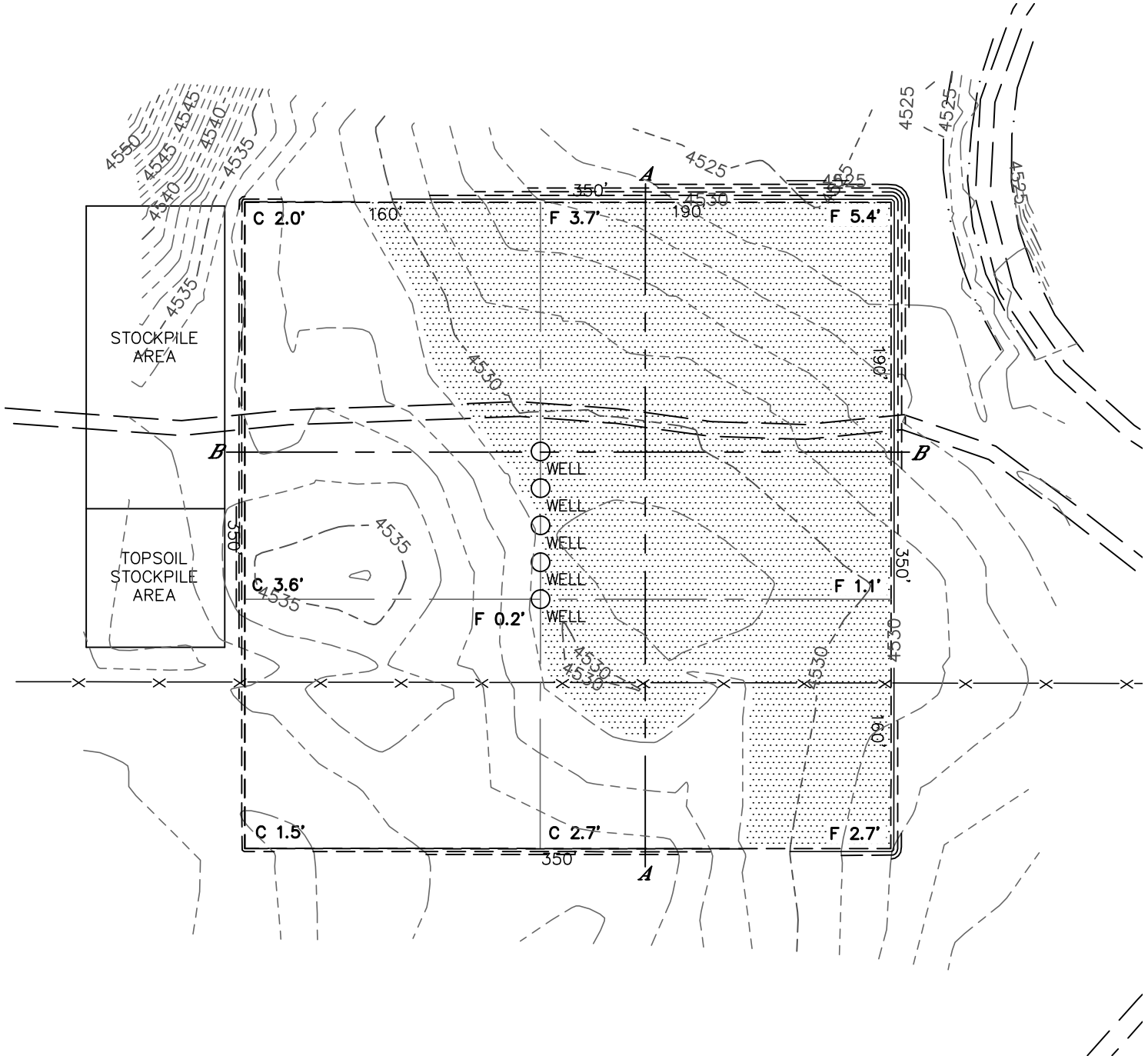


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

# CUT & FILL DIAGRAM

STATE SEVENTY HOLES 44-5 PAD

SECTION: 5  
TOWNSHIP: 4N  
RANGE: 62W



**OPERATOR: BONANZA CREEK ENERGY, INC.**  
**LOCATION: 466' FSL, 800' FEL**  
**EXISTING ELEV= 4530.6'**  
**PROPOSED ELEV= 4530.8'**  
**DISTURBANCE= 3.0 ACRES**

**ESTIMATED EARTHWORK:**  
**TOPSOIL= 4,537 CY**  
**CUT= 4,347 CY**  
**FILL= 4,337 CY**  
**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	[Stippled Box]



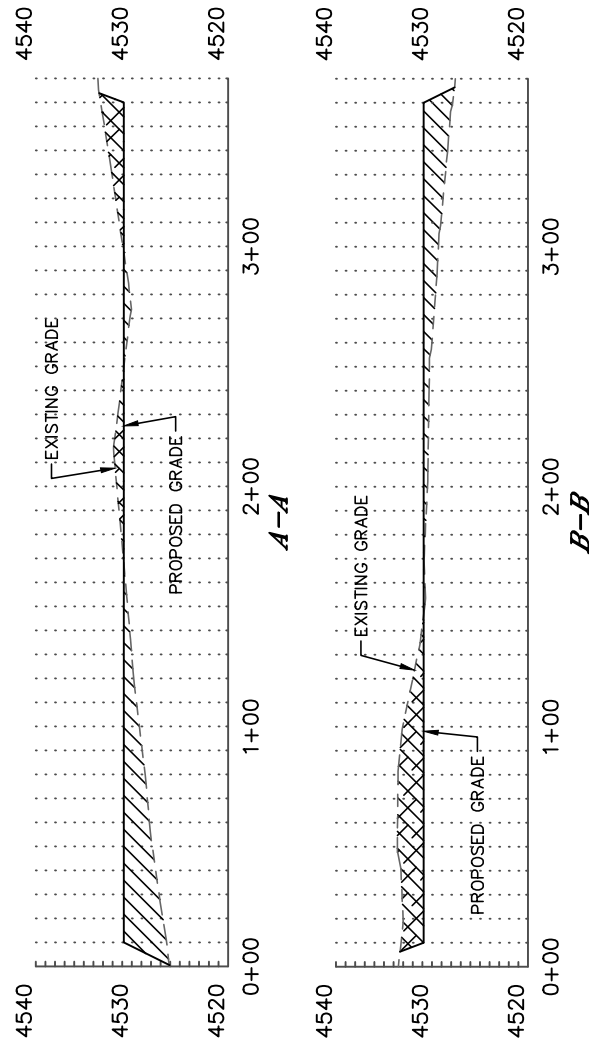
DATE: 11/2/2012  
PROJECT#: 2012024



# CROSS SECTION DIAGRAM

STATE SEVENTY HOLES 44-5 PAD

SECTION: 5  
TOWNSHIP: 4N  
RANGE: 62W



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