

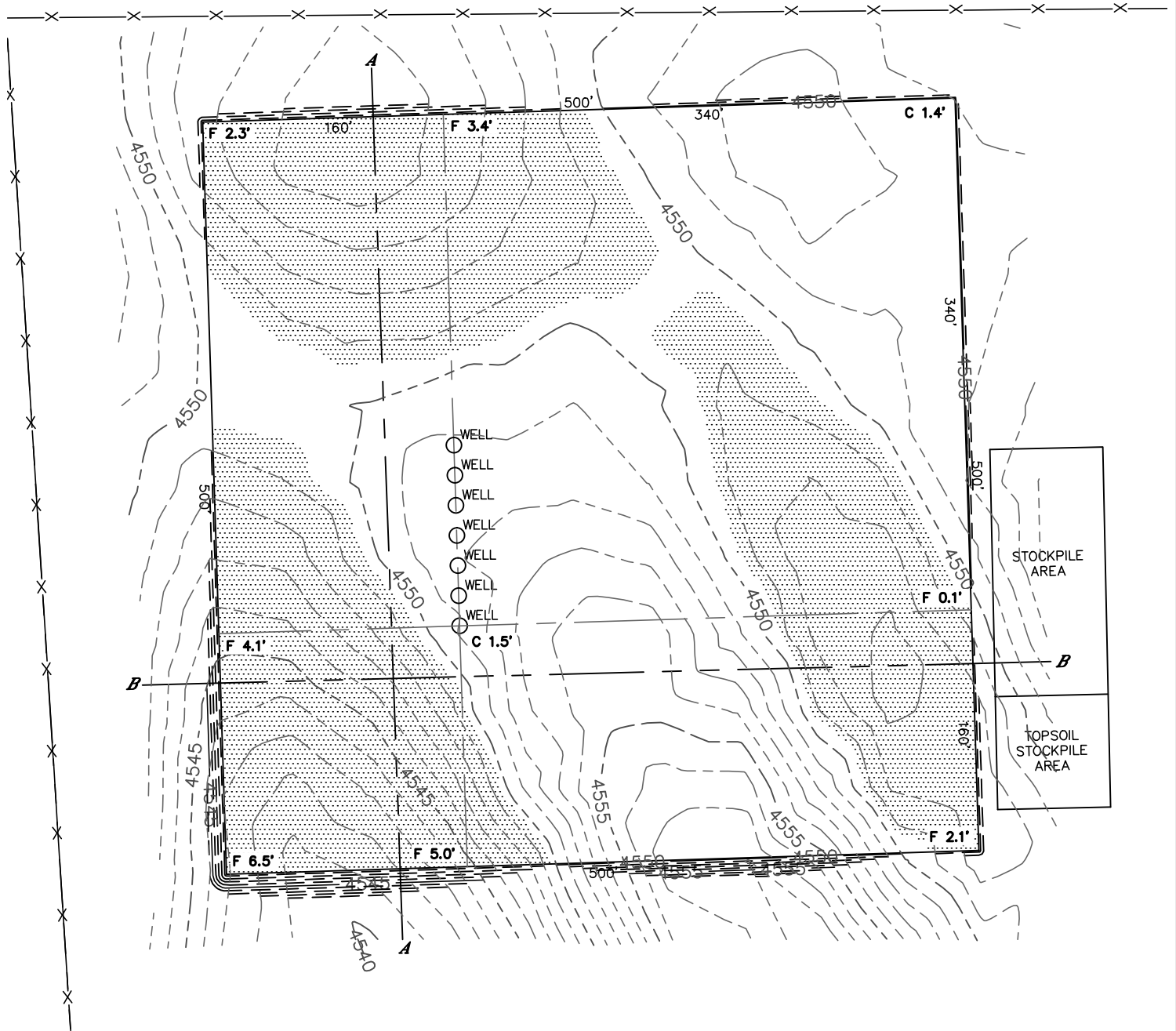


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

# CUT & FILL DIAGRAM

STATE SEVENTY HOLES K-3 PAD

SECTION: 3  
TOWNSHIP: 4N  
RANGE: 62W



**OPERATOR: BONANZA CREEK ENERGY, INC.**  
**LOCATION: 460' FNL, 2404' FEL**  
**EXISTING ELEV= 4551.1'**  
**PROPOSED ELEV= 4549.6'**  
**DISTURBANCE= 6.0 ACRES**

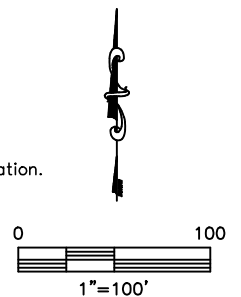
**ESTIMATED EARTHWORK:**  
**TOPSOIL= 9,680 CY**  
**CUT= 10,931 CY**  
**FILL= 10,921 CY**  
**STOCKPILE:**  
**EXCESS= 10 CY**

**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    | [Stippled Box] |



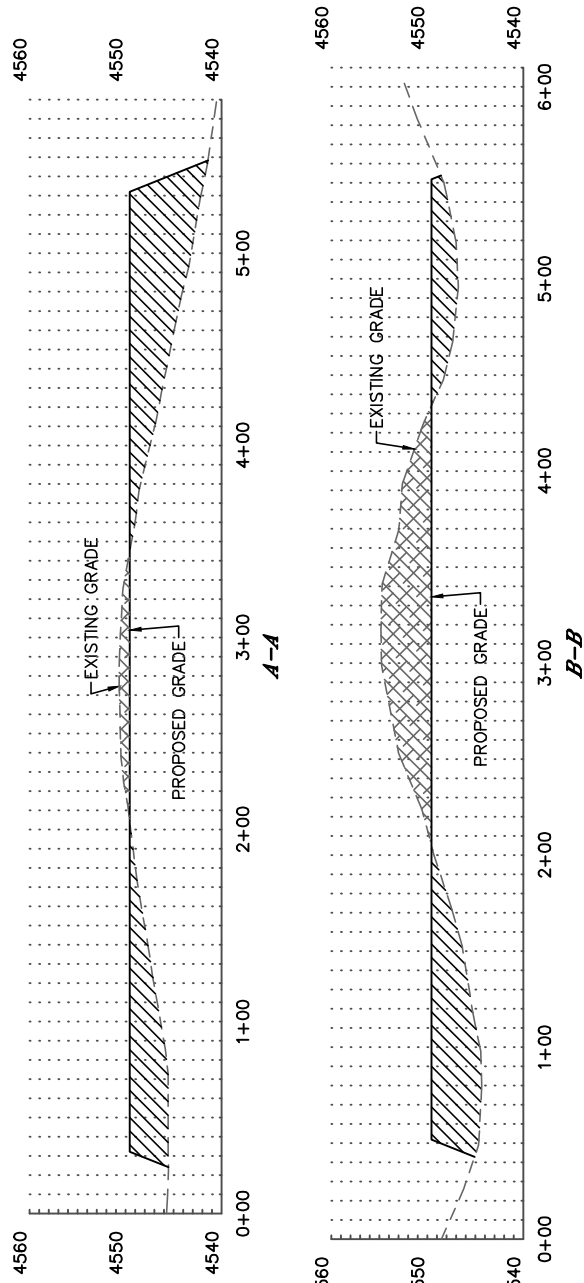
DATE: 3/22/2013  
PROJECT#: 2012074



# CROSS SECTION DIAGRAM

STATE SEVENTY HOLES K-3 PAD

SECTION: 3  
TOWNSHIP: 4N  
RANGE: 62W



HORIZONTAL SCALE: 1"=100', VERTICAL SCALE: 1"=20'