

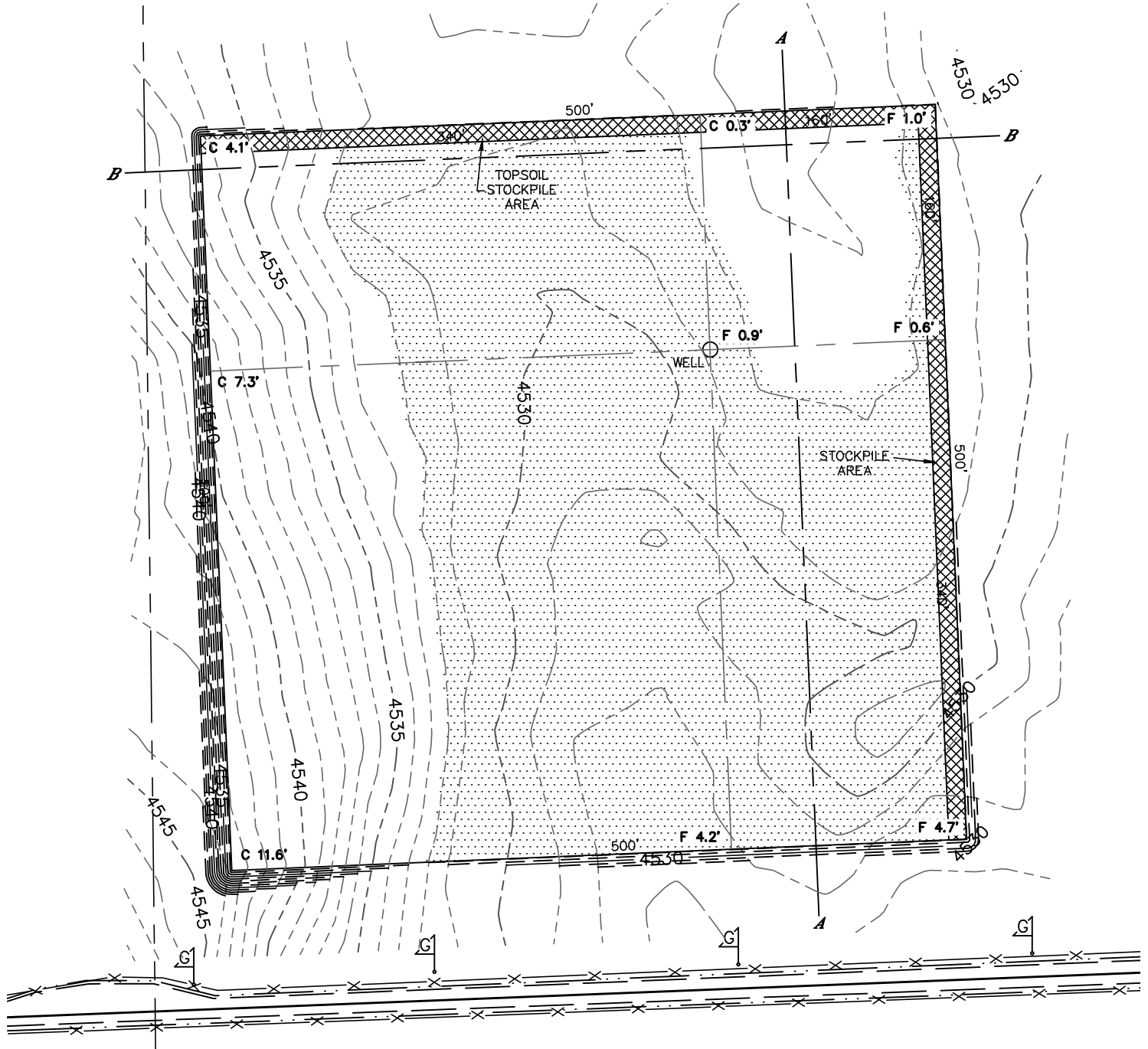


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

# CUT & FILL DIAGRAM

STATE ANTELOPE 34-24 PAD

SECTION: 24  
TOWNSHIP: 5N  
RANGE: 62W



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

**LOCATION: 600' FSL, 2300' FEL**

**EXISTING ELEV= 4531.2'**

**PROPOSED ELEV= 4532.1'**

**DISTURBANCE= 6.0 ACRES**

## ESTIMATED EARTHWORK:

**TOPSOIL= 9,750 CY**

**CUT= 12,119 CY**

**FILL= 12,109 CY**

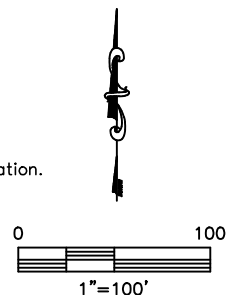
**EXCESS= 10 CY**

## 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	

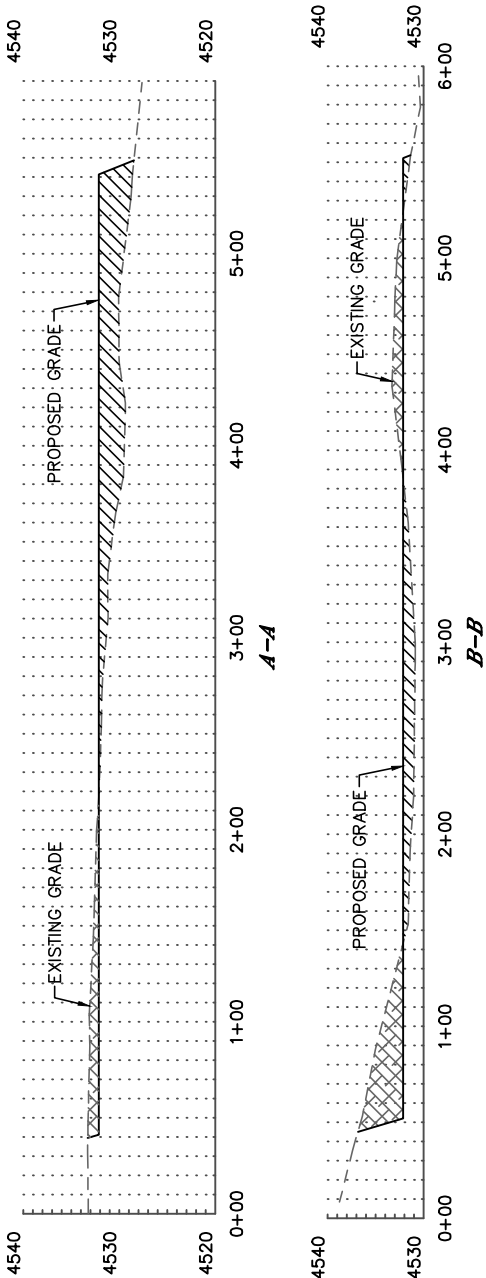


DATE: rev8/5/2013  
PROJECT#: 2012144



CROSS SECTION DIAGRAM  
STATE ANTELOPE 34-24 PAD

SECTION: 24  
TOWNSHIP: 5N  
RANGE: 62W



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