

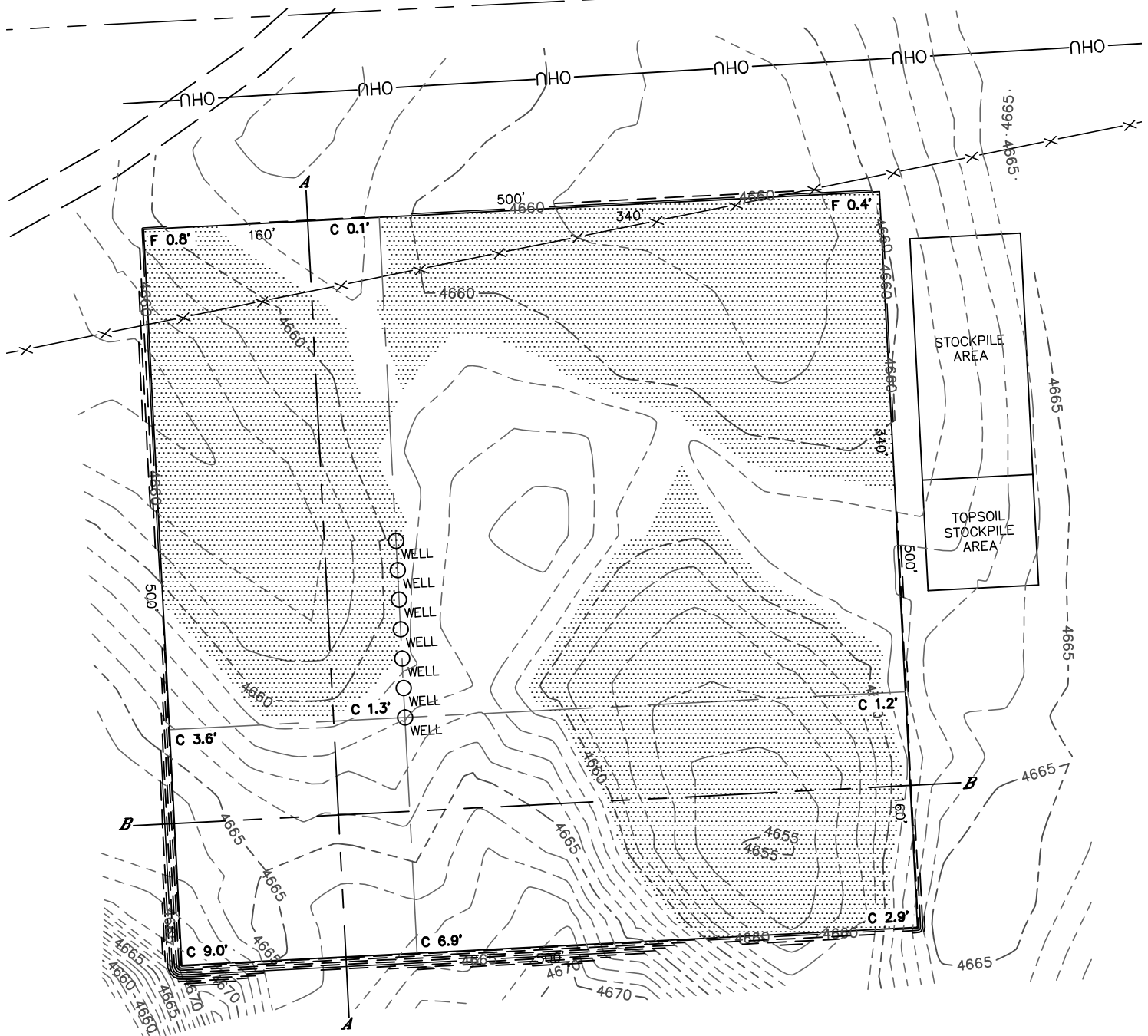


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

# CUT & FILL DIAGRAM

## STATE ANTELOPE P-30 PAD

SECTION: 30  
TOWNSHIP: 5N  
RANGE: 62W



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

**LOCATION: 480' FNL, 838' FEL**

**EXISTING ELEV= 4661.9'**

**PROPOSED ELEV= 4660.6'**

**DISTURBANCE= 6.0 ACRES**

### ESTIMATED EARTHWORK:

**TOPSOIL= 9,607 CY**

**CUT= 10,187 CY**

**FILL= 10,177 CY**

**STOCKPILE:**

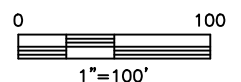
**EXCESS= 10 CY**

#### 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	

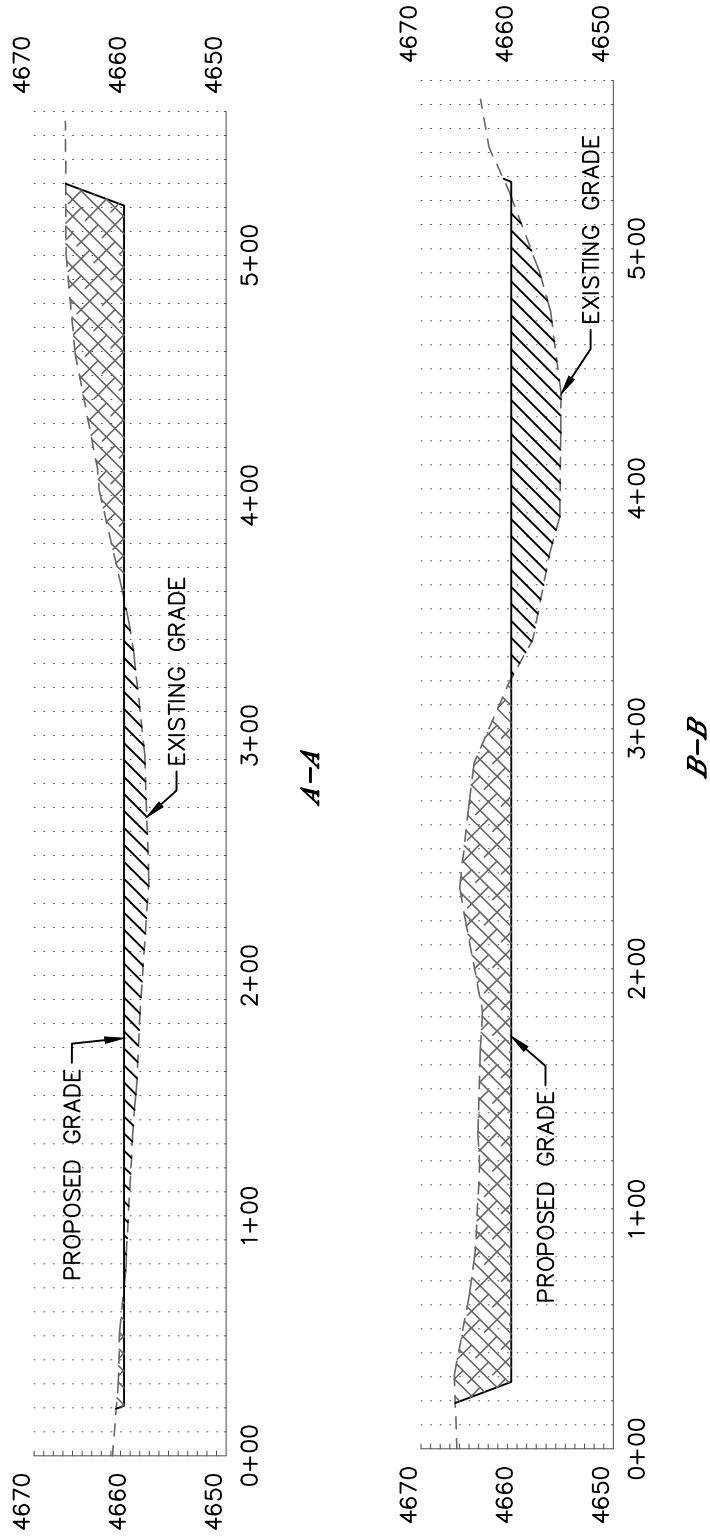


DATE: 3/12/2013  
PROJECT#: 2011350



CROSS SECTION DIAGRAM  
STATE ANTELOPE P-30 PAD

SECTION: 30  
TOWNSHIP: 5N  
RANGE: 62W



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