**DESIGN INFORMATION & EARTH VOLUMES**

EXISTING GRADE @ CENTER LOCATIONS = 4,564.2'  
 DESIGN GRADE OF PAD = 4562.4'  
 CUT SLOPES = 2:1  
 FILL SLOPES = 2:1  
 TOTAL CUT FOR WELL PAD = 13,370 C.Y.  
 TOTAL FILL FOR WELL PAD = 7,800 C.Y.  
 TOPSOIL @ 6" DEPTH (ESTIMATED) = 4,630 C.Y.  
 SHRINKAGE (10%) = 875 C.Y.  
 EXCESS MATERIAL = 65 C.Y.  
 TOTAL DISTURBANCE = 5.7 AC. +/-  
 DISTURBANCE INCLUDES ROAD AND PAD

**WELL TABULATION**

STATE PRONGHORN U-32-31MRLNB  
 SURFACE (1280'FNL;448'FEL)  
 STATE PRONGHORN V-32-A2  
 SURFACE (1278'FNL;468'FEL)  
 STATE PRONGHORN V-32-A3  
 SURFACE (1276'FNL;488'FEL)  
 STATE PRONGHORN V-32-A4  
 SURFACE (1273'FNL;508'FEL)  
 STATE PRONGHORN V-32-A5  
 SURFACE (1271'FNL;527'FEL)  
 STATE PRONGHORN V-32-A6  
 SURFACE (1269'FNL;547'FEL)  
 STATE PRONGHORN V-32-A7  
 SURFACE (1266'FNL;567'FEL)

**NOTES:**

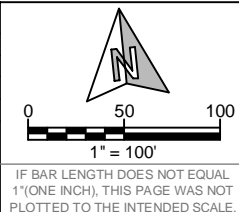
1. PDOP VALUE 2.5: DATE OF SURVEY 5-2-14
2. GPS OPERATOR: JOHN STODDARD
3. VEGETATION: RANGE GRASSES
4. SURFACE USE: RANGE
5. GEODETIC COORDINATES ON WELL CERTIFICATIONS.

SHEET NO:

1 of 7

**Fremont**  
 ENGINEERING & SURVEYING  
 64 COAL MINE RD.  
 LANDER, WY 82520  
 307-349-0840  
 fes@wyoming.com

Drawn By: DAF  
 Checked By: JS  
 Date: 5/6/14  
 Revision: #1  
 Date: 6/2/14  
 Explanation: Change  
 "V" well to "U" well

**PROPOSED LAYOUT**

STATE PRONGHORN V-32 PAD  
 NE $\frac{1}{4}$ , SECTION 32,  
 T.5N., R.61W., 6th PM  
 WELD COUNTY, COLORADO

**BONANZA CREEK**

410 17th Street  
 Denver, CO 80202  
 (720) 440-6100